

Lucent Technologies
Bell Labs Innovations



INTUITYTM Messaging Solutions

Release 4

Migration Procedures

585-310-167
Comcode 108152612
Issue 3
October 1997

Copyright © 1997, Lucent Technologies
All Rights Reserved
Printed in U.S.A.

Notice

Every effort was made to ensure that the information in this book was complete and accurate at the time of printing. However, information is subject to change.

Your Responsibility for Your System's Security

Toll fraud is the unauthorized use of your telecommunications system by an unauthorized party, for example, persons other than your company's employees, agents, subcontractors, or persons working on your company's behalf. Note that there may be a risk of toll fraud associated with your telecommunications system and, if toll fraud occurs, it can result in substantial additional charges for your telecommunications services.

You and your system manager are responsible for the security of your system, such as programming and configuring your equipment to prevent unauthorized use. The system manager is also responsible for reading all installation, instruction, and system administration documents provided with this product in order to fully understand the features that can introduce risk of toll fraud and the steps that can be taken to reduce that risk. Lucent Technologies does not warrant that this product is immune from or will prevent unauthorized use of common-carrier telecommunication services or facilities accessed through or connected to it. Lucent Technologies will not be responsible for any charges that result from such unauthorized use.

Lucent Corporate Security

Whether or not immediate support is required, all toll fraud incidents involving Lucent products or services should be reported to Lucent Corporate Security at 1 800 821-8235. In addition to recording the incident, Lucent Corporate Security is available for consultation on security issues, investigation support, referral to law enforcement agencies, and educational programs.

Lucent Technologies Fraud Intervention

If you *suspect that you are being victimized* by toll fraud and you need technical support or assistance, call the Lucent Technologies National Customer Care Center Toll Fraud Intervention Hotline at 1 800 643-2353.

Federal Communications Commission Statement

Part 15: Class A Statement. This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio-frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

Part 68: Network Registration Number. This equipment is registered with the FCC in accordance with Part 68 of the FCC Rules. It is identified by an FCC registration number.

Part 68: Answer-Supervision Signaling. Allowing this equipment to be operated in a manner that does not provide proper answer-supervision signaling is in violation of Part 68 Rules. This equipment returns answer-supervision signals to the public switched network when:

- Answered by the called station
- Answered by the attendant
- Routed to a recorded announcement that can be administered by the CPE user

This equipment returns answer-supervision signals on all DID calls forwarded back to the public switched telephone network. Permissible exceptions are:

- A call is unanswered
- A busy tone is received
- A reorder tone is received

Canadian Department of Communications (DOC) Interference Information

This digital apparatus does not exceed the Class A limits for radio noise emissions set out in the radio interference regulations of the Canadian Department of Communications.

Le Présent Appareil Numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la class A prescrites dans le règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

Trademarks

See the section titled "About This Book."

Ordering Information

Call: Lucent Technologies Publications Center
Voice 1 800 457-1235 International Voice 317 361-5353
Fax 1 800 457-1764 International Fax 317 361-5355

Write: Lucent Technologies Publications Center
P.O. Box 4100
Crawfordsville, IN 47933

Order: Document No. 585-310-167
Comcode 108152612
Issue 3, October 1997

You can be placed on a standing order list for this and other documents you may need. Standing order will enable you to automatically receive updated versions of individual documents or document sets, billed to account information that you provide. For more information on standing orders, or to be put on a list to receive future issues of this document, contact the Lucent Technologies Publications Center.

Warranty

Lucent Technologies provides a limited warranty on this product. Refer to the "Limited Use Software License Agreement" card provided with your package.

European Union Declaration of Conformity

Lucent Technologies Business Communications Systems declares that the equipment specified in this document conforms to the referenced European Union (EU) Directives and Harmonized Standards listed below:

EMC Directive	89/336/EEC
Low-Voltage Directive	73/23/EEC



The "CE" mark affixed to the equipment means that it conforms to the above directives.

Comments

To comment on this document, return the comment card at the front of the document.

Acknowledgment

This document was prepared by Product Documentation, Lucent Technologies, Columbus, OH.

Contents

About This Book	ix
■ Purpose	ix
■ Intended Audiences	ix
■ Release History	x
■ How to Use This Book	x
■ Conventions Used in This Book	x
■ Trademarks and Service Marks	xv
■ Related Resources	xvii
■ How to Comment on This Book	xviii

1	Migrating from AUDIX R1	1-1
	■ Overview	1-1
	■ Purpose	1-1
	■ Migrating from AUDIX R1	1-2
	■ Migration Checklist	1-4
	■ Task 1 — Retrieving the AUDIX R1 Profile	1-5
	■ Task 2 — Preadministering the INTUITY AUDIX System	1-15
	■ Task 3 — Setting the Class-of-Service Names	1-23
	■ Task 4 — Installing the Migration Software	1-24
	■ Task 5 — Setting up the Migration Parameters	1-26
	■ Task 6 — Administering the Networked Machines	1-29
	■ Task 7 — Listing Remote Machines	1-35
	■ Task 8 — Testing the Modem Connection	1-36
	■ Task 9 — Running the Data Transfer	1-37
	■ Task 10 — Checking the Log File	1-41
	■ Task 11 — Verifying the Data Transfer	1-44
	■ Task 12 — Administering the Switch	1-45
	■ Task 13 — Cabling the Lucent INTUITY System	1-47
	■ Task 14 — Removing the Migration Software	1-49
	■ Task 15 — Readministering the Voice Ports on the AUDIX R1 System	1-50
	■ Task 16 — Completing the Migration	1-51
	■ Task 17 — Setting up the Local Machine Extension Ranges	1-51

Contents

- Task 18 — Setting Up Digital Networking 1-52
- Task 19 — Migrating the Mailing List 1-52

2	Mailing List Migration	2-1
	■ Overview	2-1
	■ Purpose	2-1
	■ Migrating a Mailing List	2-2

3	Migrating from DEFINITY AUDIX	3-1
	■ Materials and Information Needed	3-2
	■ Migration Checklist	3-3
	■ Task 1 — Install the PI or PGATE Circuit Card (DP Mode Only)	3-4
	■ Task 2 — Get the DEFINITY AUDIX Profile	3-4
	■ Task 3 — Turn off the Switch Voice Ports (If in DP Mode)	3-9
	■ Task 4 — Connect the External Tandberg Tape Drive	3-10
	■ Task 5 — Back-up the DEFINITY AUDIX Data	3-11
	■ Task 6 — Install the Migration Software	3-17
	■ Task 7 — Preadminister the INTUITY AUDIX System	3-19
	■ Task 8 — Run the Data Transfer	3-24
	■ Task 9 — Verify the Transfer of Data	3-26
	■ Task 10 — Remove the Migration Software	3-31
	■ Task 11 — Cable the INTUITY AUDIX System	3-33
	■ Task 12 — Complete Administration of the Switch	3-34
	■ Task 13 — Continue with Additional Installation Tasks	3-36

4	Migrating from AUDIX Voice Power	4-1
	■ Overview	4-1

Contents

■ Purpose	4-1
■ Materials and Information Needed	4-2
■ Migration Checklist	4-3
■ Task 1 — Install the Circuit Card	4-4
■ Task 2 — Cable the Switch	4-4
■ Task 3 — Cable the Lucent INTUITY Voice Ports	4-5
■ Task 4 — Get the AUDIX Voice Power Profile	4-6
■ Task 5 — Back-up the AUDIX Voice Power Data	4-9
■ Task 6 — Preadminister the Lucent INTUITY System	4-12
■ Task 7 — Install the Migration Software	4-17
■ Task 8 — Run the Data Transfer	4-18
■ Task 9 — Check the Log File	4-21
■ Task 10 — Verify the Transfer of Data	4-24
■ Task 11 — Remove Migration Software	4-29
■ Task 12 — Administer the Automated Attendants	4-30
■ Task 13 — Administer the Switch	4-31

5	Migrating from MERLIN LEGEND AUDIX Voice Power (IS II or IS III)	5-1
■	Overview	5-1
■	Purpose	5-1
■	Materials and Information Needed	5-2
■	Migration Checklist	5-3
■	Task 1 — Create a Temporary Lucent INTUITY System Calling Group	5-4
■	Task 2 — Create a Lucent INTUITY System Test Coverage Group	5-4
■	Task 3 — Assign the Temporary Calling Group to the Test Coverage Group	5-4
■	Task 4 — Cable the Lucent INTUITY Voice Ports	5-5
■	Task 5 — Get the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Profile	5-6
■	Task 6 — Back-up the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Data	5-9

Contents

- Task 7 — Preadminister the Lucent INTUITY System 5-12
- Task 8 — Install the Migration Software 5-19
- Task 9 — Run the Data Transfer 5-20
- Task 10 — Check the Log File 5-23
- Task 11 — Verify the Transfer of Data 5-26
- Task 12 — Remove the Migration Software 5-30
- Task 13 — Administer Automated Attendants 5-31
- Task 14 — Move the Voice Port Cabling 5-32

-
- 6 Migrating from AUDIX Voice Power Lodging 6-1**
- Overview 6-1
 - Materials and Information Needed 6-2
 - Migration Checklist 6-2
 - Task 1 - Install the Migration Software 6-3
 - Task 2 - Create a Migration Diskette 6-4
 - Task 3 - Back-up AUDIX Voice Power Lodging Data 6-7
 - Task 4 - Run the Migration 6-12
 - Task 5 - Check the Error File 6-16
 - Task 6 - Administer the Switch 6-16
 - Task 7 - Remove Migration Software 6-30

-
- A Migration Error Codes and Field Descriptions A-1**
- Migration Log File Error Codes A-1
 - Migration Field Descriptions A-17

-
- B Migrating Multiple Systems B-1**
- Migrating Multiple Systems to the Lucent Intuity System B-1

Contents

GL	Glossary	GL-1
-----------	-----------------	------

IN	Index	IN-1
-----------	--------------	------

Contents

About This Book

Purpose

This book, *INTUITY™ Messaging Solutions Release 4 Migration Procedures*, 585-310-167, contains instructions for installing a Lucent INTUITY voice messaging system and moving from one of the following systems:

- AUDIX R1
- DEFINITY AUDIX
- AUDIX Voice Power
- AUDIX Voice Power on MERLIN LEGEND (IS II or IS III)
- AUDIX Voice Power Lodging

Intended Audiences

This book is intended primarily for the on-site technical personnel who are responsible for installing the system and performing the migration. Secondary audiences include the following from Lucent:

- Field support—Technical Service Organization (TSO)
- Helpline personnel
- AUDIX Upgrade Center personnel
- Provisioning project managers—Sales and Technical Resource Center (STRC)

We assume that the primary users of this book have completed the Lucent INTUITY hardware installation training course (see "Related Resources" below).

Release History

This is the fourth release of this book.

How to Use This Book

This book is a procedural book containing step-by-step instructions needed to complete a migration. Most chapters contain a migration checklist and the detailed procedures necessary to complete a specific migration. Use the chapter that fits your particular migration.

Although this book is designed to step you through the entire migration process, you can also use it as a quick-reference to obtain specific information you may need on a particular topic.

This book includes an alphabetical index at the end for quick access to specific topics.

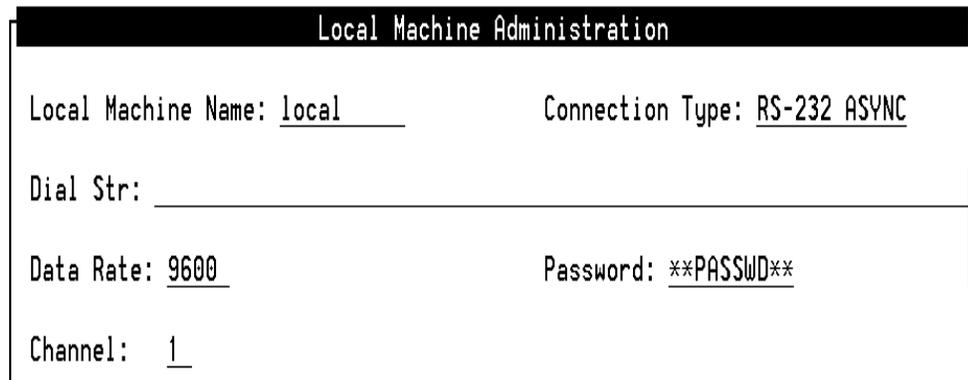
Conventions Used in This Book

This section describes the conventions used in this book.

Terminology

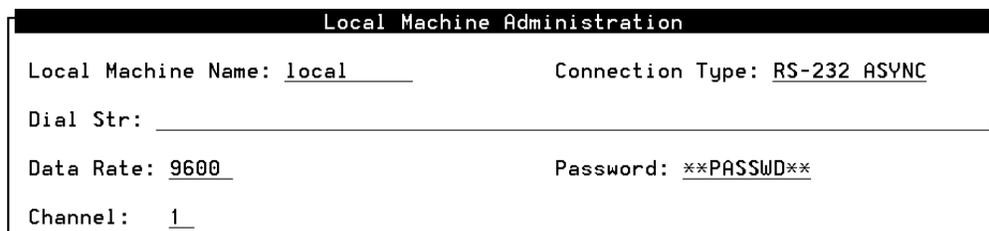
- The words “subscriber” and “user” are interchangeable terms that describe a person administered on the Lucent INTUITY system. The word “user” is the preferred term in the text; however, “subscriber” appears on most of the screens and is the command word you must type at the command line, for example, **change subscriber “Jane Doe”**.
- The word “type” means to press the key or sequence of keys specified. For example, an instruction to type the letter “y” is shown as
Type **y** to continue.
- The word “enter” means to type a value and then press **ENTER**. For example, an instruction to type the letter “y” and press **ENTER** is shown as
Enter **y** to continue.
- The word “select” means to move the cursor to the desired menu item and then press **ENTER**. For example, an instruction to move the cursor to the **Start Test** option on the Network Loop-Around Test screen and then press **ENTER** is shown as
Select **Start Test**.

- The Lucent INTUITY system displays *windows*, *screens*, and *menus*. Windows show and request system information (Figure 1 and Figure 2, respectively). Screens request that you enter a command at the `enter command:` prompt (Figure 3). This input is either a value or other specific information you must input through a field (Figure 2) or a command you must enter from the `enter command:` prompt (Figure 3). “Menus” (Figure 4) present options from which you can choose to view another menu, or a screen or window.



```
Local Machine Administration
Local Machine Name: local          Connection Type: RS-232 ASYNC
Dial Str: _____
Data Rate: 9600                   Password: **PASSWD**
Channel: 1_
```

Figure 1. Example of a Lucent INTUITY Window



```
Local Machine Administration
Local Machine Name: local          Connection Type: RS-232 ASYNC
Dial Str: _____
Data Rate: 9600                   Password: **PASSWD**
Channel: 1_
```

Figure 2. Example of a Lucent INTUITY Window

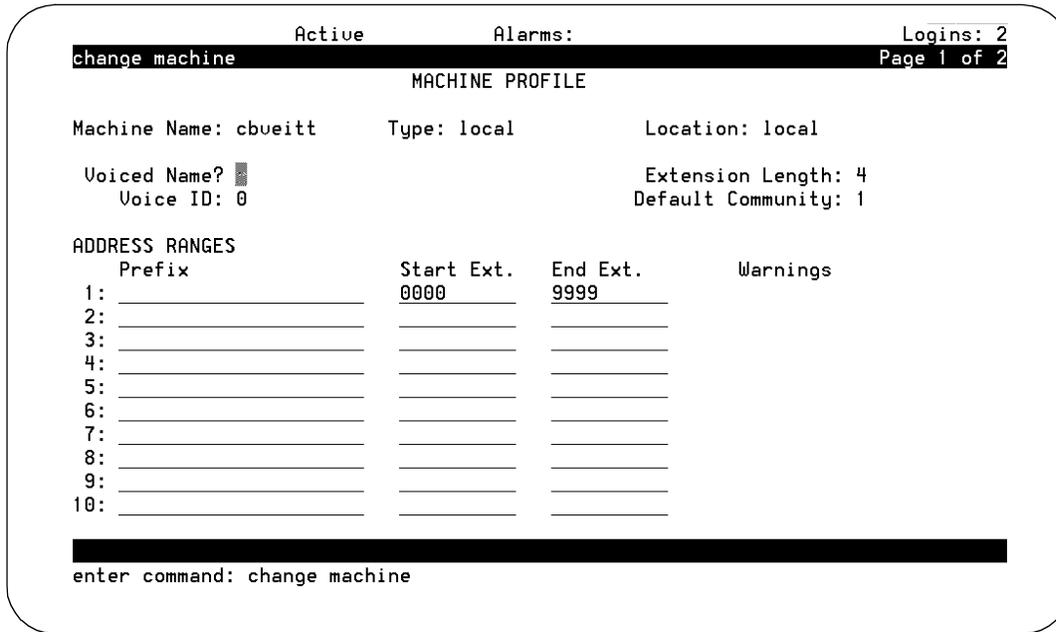


Figure 3. Example of a Lucent INTUITY Screen with a Command Line



Figure 4. Example of a Lucent INTUITY Menu

Keyboard and Telephone Keypad Representations

- Keys that you press on your *terminal or PC keyboard* are represented as rounded boxes. For example, an instruction to press the enter key is shown as

Press **ENTER**.

- Two keys that you press at the same time on your *terminal or PC keyboard* (that is, you press and hold down the first key and then press the second key) are represented as a series inside a rounded box. For example, an instruction to press and hold **ALT** while typing the letter “d” is shown as

Press **ALT-D**.

- A combination keystroke is a series of keystrokes that combines the two key functions described above plus a third key, that is, you press and hold down the first key, then press the second key, then release those keys and press a third key. A combination keystroke is represented as an equation. For example, an instruction to press and hold **ALT** while typing the letter “d” and then typing the number “1” is shown as

Press **ALT-D** **(1)**.

- Function keys on your terminal, PC, or system screens, also known as *soft keys*, are represented as rounded boxes followed by the function or value of that key enclosed in parentheses. For example, an instruction to press function key 3 is shown as

Press **F3** (Save).

- Keys that you press on your *telephone keypad* are represented as square boxes. For example, an instruction to press the first key on your telephone keypad is shown as

Press **1** to record a message.

Screen Displays

- Values, system messages, field names, and prompts that appear on the screen are shown in typewriter-style `Courier` type, as shown in the following examples:

Example 1:

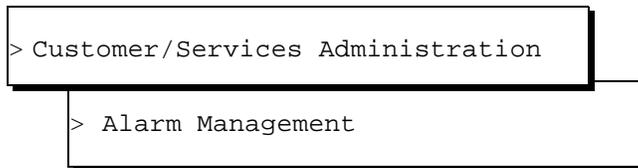
Enter the number of ports to be dedicated to outbound traffic in the `Maximum Simultaneous Ports:` field.

Example 2:

The system displays the message `Alarm Form Update was successful.`

- The sequence of menu options that you must select to display a specific screen or submenu is shown as follows:

Start at the INTUITY main menu and select



In this example, you access the Main Menu and select the line item `Customer/Service Administration`. From the `Customer/Service Administration` menu that the system then displays, you select the line item `Alarm Management`.

- Screens shown in this book are examples only. The screens you see on your machine will be similar, but not exactly the same in all cases.

Data Entry Conventions

- Commands and text you type in or enter appear in **bold type**, as in the following examples:

Example 1:

Enter **change-switch-time-zone** at the `enter` command: prompt.

Example 2:

Type **high** or **low** in the `Speed:` field.

- Command variables are shown in *bold italic* type when they are part of what you must type in and *regular italic* type when they are not, for example:

Enter **ch ma** *machine_name*, where *machine_name* is the name of the call delivery machine you just created.

Safety and Security Alert Labels

This book uses the following symbols to call your attention to potential problems that could cause personal injury, damage to equipment, loss of data, service interruptions, or breaches of toll fraud security:



CAUTION:

*Indicates the presence of a hazard that if not avoided **can** or **will** cause minor personal injury or property damage, including loss of data.*



WARNING:

*Indicates the presence of a hazard that if not avoided **can** cause death or severe personal injury.*



DANGER:

*Indicates the presence of a hazard that if not avoided **will** cause death or severe personal injury.*



SECURITY ALERT:

Indicates the presence of a toll fraud security hazard. Toll fraud is the unauthorized use of a telecommunications system by an unauthorized party.

Trademarks and Service Marks

The following trademarked products are mentioned in the various books in the Lucent INTUITY document set:

- 5ESS is a registered trademark of Lucent Technologies.
- AT is a trademark of Hayes Microcomputer Products, Inc.
- AUDIX is a registered trademark of Lucent Technologies.
- cc:Mail is a registered trademark of cc:Mail, a subsidiary of Lotus Development Corporation.
- COMSPHERE is a registered trademark of Lucent Technologies Paradyne Corp.
- CONVERSANT Voice Information System is a registered trademark of Lucent Technologies.
- DEFINITY is a registered trademark of Lucent Technologies.
- DMS-100 is a trademark of Northern Telecom Limited.
- Dterm is a trademark of NEC Telephones, Inc.
- Equinox is a trademark of Equinox Systems, Inc.

- INTUITY is a trademark of Lucent Technologies.
- Lotus Notes is a registered trademark of Lotus Development Corporation.
- Lucent is a trademark of Lucent Technologies.
- MEGAPORT is a trademark of Equinox Systems, Inc.
- MEGAPLEX is a trademark of Equinox Systems, Inc.
- Meridian is a trademark of Northern Telecom Limited.
- MERLIN LEGEND is a registered trademark of Lucent Technologies.
- Microcom Networking Protocol is a registered trademark of Microcom, Inc.
- Microsoft is a registered trademark of Microsoft Corporation.
- MS is a registered trademark of Microsoft Corporation.
- MS-DOS is a registered trademark of Microsoft Corporation.
- Mitel is a trademark of Mitel Corporation.
- Motorola is a registered trademark of Motorola Inc.
- NEAX is a trademark of NEC Telephone, Inc.
- NEC is a registered trademark of NEC Telephone, Inc.
- Netware is a registered trademark of Novell, Inc.
- Netware Loadable Module is a registered trademark of Novell, Inc.
- Northern Telecom is a registered trademark of Northern Telecom Limited.
- Novell is a registered trademark of Novell, Inc.
- Paradyne is a registered trademark of Lucent Technologies.
- Phillips is a registered trademark of Phillips Screw Company.
- Rolm is a registered trademark of International Business Machines.
- Siemens is a registered trademark of Siemens Aktiengesellschaft.
- SL-1 is a trademark of Northern Telecom Limited.
- softFAX is a registered trademark of VOXEM, Inc.
- SUPERSET is a trademark of Mitel Corporation.
- SX-100 is a trademark of Mitel Corporation.
- SX-200 is a trademark of Mitel Corporation.
- SX-2000 is a trademark of Mitel Corporation.
- Telephony OneStop is a trademark of Lotus Development Corporation.
- TMI is a trademark of Texas Micro Systems, Inc.

- UNIX is a registered trademark of UNIX Systems Laboratories, Inc.
- VB-PC is a trademark of Voice Technologies Group, Inc.
- Voice Bridge is a registered trademark of Voice Technologies Group, Inc.
- VOXEM is a registered trademark of VOXEM, Inc.
- VT100 is a trademark of Digital Equipment Corporation.
- Windows is a trademark of Microsoft Corporation.

Related Resources

This section describes additional resources available for you to learn more about installation of the Lucent INTUITY product.

Documentation

It is suggested that you obtain and use the following books in conjunction with this installation book:

- *INTUITY™ Messaging Solutions Release 4 Planning for Migrations*, 585-310-606, for a complete description of the planning for the migration to the Lucent INTUITY
- *INTUITY™ Messaging Solutions Release 4 System Installation* book for your platform, for a detailed source of initial switch administration procedures

See the inside front cover of this book for information on how to order Lucent INTUITY documentation.

Training

The following training class is recommended as a prerequisite to migrating to a Release 4 Lucent INTUITY system:

- Course No. MO1616A, Lucent INTUITY Messaging Solutions Installation and Maintenance

For more information on Lucent INTUITY training, call the BCS Education and Training Center at one of the following numbers:

- Organizations within Lucent Technologies: (904) 636-3261
- Lucent Technologies customers and all others: (800) 255-8988

Technical Assistance

The following resources are available for technical assistance with Lucent Technologies products and services:

- Within the United States
 - For systems integrated with a MERLIN LEGEND switch, call 1-800-628-2888.
 - For systems integrated with any other switch, call 1-800-242-2121.
- Within Canada
 - For all systems, call 1-800-242-1234.
- Within any other country
 - For all systems, call your local distributor.

How to Comment on This Book

We are interested in your suggestions for improving this book. Please complete and return the reader comment card that is located behind the title page.

If the reader comment card has been removed, send your comments to:

Lucent Technologies
Product Documentation
Room 22-2H15
11900 North Pecos Street
Denver, Colorado 80234

You may also fax your comments to the attention of the Lucent INTUITY writing team at (303) 538-1741.

Please be sure to mention the name and order number of this book:

INTUITY Messaging Solutions Release 4 Migration Procedures, 585-310-167

Migrating from AUDIX R1

1

Overview

This chapter describes migrating from an AUDIX R1 system to an INTUITY™ AUDIX® system. The new INTUITY AUDIX system provides service for all new messages; however, users can retrieve their old messages from the AUDIX R1.

Purpose

These procedures are sequenced to minimize the time the customer is without voice messaging service. This sequence of tasks also assumes the customer wants to:

- Minimize the purchase of additional voice ports
- Leave the AUDIX R1 mailboxes available for a short period of time after the migration

Migrating from AUDIX R1

During a migration (Figure 1-1), the INTUITY AUDIX system replaces the AUDIX R1 system. The AUDIX R1 system is either immediately disconnected or left in place temporarily so users can listen to messages stored before the migration. The new INTUITY AUDIX system provides service for all new messages.

NOTE:

The AUDIX R1 system continues to run during the transfer of data. Do not change any settings in the AUDIX R1 system once the transfer begins.

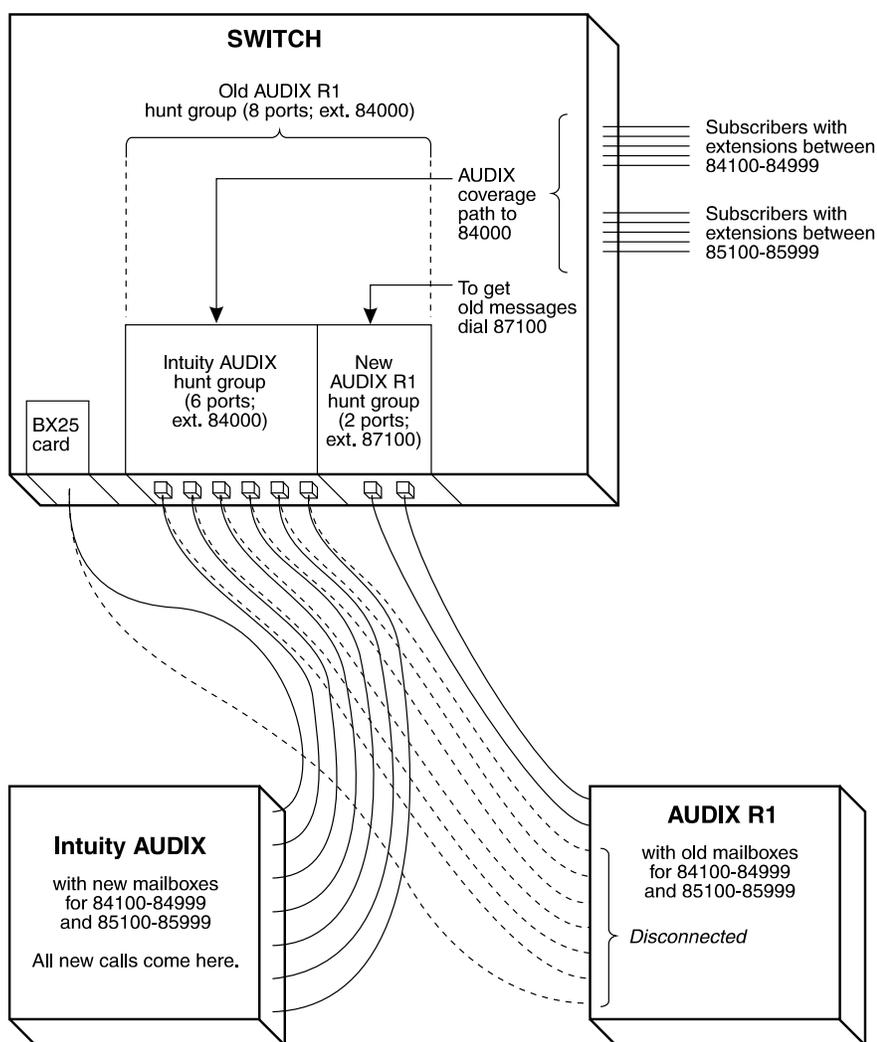


Figure 1-1. Migration of AUDIX R1 to the INTUITY AUDIX System

Materials and Information Needed

You need the following materials and information before starting the migration procedures:

- Migration software
- Migration checklist
- A modem connected to the AUDIX R1 system using the maintenance port
- A modem connected to the INTUITY AUDIX system at comport 2
- These additional books:
 - The maintenance book for your platform
 - Appropriate installation book for Lucent™ INTUITY Messaging Solutions R4.0
 - Appropriate switch installation book
 - *AUDIX Administration Installation*

Migration Checklist

Table 1-1 shows the migration tasks, in the sequence they should occur, for a migration from an AUDIX R1 system to the INTUITY AUDIX system.

Table 1-1. AUDIX R1 Migration Checklist

Task	Description	Page	✓
1.	Retrieving the AUDIX R1 profile	1-5	
2.	Preadministering the INTUITY AUDIX system	1-15	
3.	Setting the class-of-service names	1-23	
4.	Installing the migration software	1-24	
5.	Setting up the migration parameters	1-26	
6.	Administering the networked machines	1-29	
7.	Listing remote machines	1-35	
8.	Testing the Modem Connection	1-36	
9.	Running the data transfer	1-37	
10.	Checking the log file	1-41	
11.	Verifying the data transfer	1-44	
12.	Administering the switch	1-45	
13.	Cabling the INTUITY AUDIX system	1-47	
14.	Removing the migration software  NOTE: Do not remove the migration software or reboot the machine, if you plan to complete the mailing list migration.	1-49	
15.	Readministering the voice ports on the AUDIX R1 system	1-50	
16.	Completing the Migration	1-51	
17.	Setting up the local machine extension ranges	1-51	
18.	Setting up digital networking	1-52	
19.	Migrating the mailing list (see Chapter 2)	1-52	

Task 1 — Retrieving the AUDIX R1 Profile

Table 1-2 lists the information you need from the AUDIX R1 system prior to beginning the migration. If you do not have this information, retrieve it from the AUDIX R1 screens as described in the procedures below.

Table 1-2. AUDIX R1 Information Needed

AUDIX R1 Screen	Information Needed
System: Appearance	<ul style="list-style-type: none"> ■ Minimum password length ■ Name recorded by subscriber on or off? y/n ■ Multiple personal greetings on or off? y/n ■ Call transfer out of AUDIX on or off? y/n ■ Enhanced call transfer on or off? y/n
System: Outcalling	Outcalling on or off? y/n
Traffic: Feature:Day	Number of users (local and remote)
Maintenance: System: Vintage	AUDIX R1 software version
List: Machine	Networked machine names and voice IDs
COS	Class-of-Service (0-11)
System: Translation: Machine: Audix	Network machine configurations
System: Translation: Switch Connection	Type of connection

1. Connect a printer to the AUDIX R1 terminal and set to on-line.
2. Log onto the AUDIX R1 machine using the craft login and password. Enter the terminal type as follows:

Enter **513** for the following terminals:

- 513 BCT
- 610 BCT
- 610 or 615 MT running a 513 emulation package
- 715 BCS
- PC running a 513 emulation package

Enter **5420** for the following terminals:

- 5420
- 4415
- 705
- 610 or 615 MT not running a 513 emulation package

⇒ NOTE:

Print the screens using the method that corresponds to your terminal type.

- **4410, 4425, or 610 terminals:**
 1. Press **CTRL F4** to display the screen-labeled print keys.
 2. Press **F3** to print the screen.
 3. Press **CTRL F6** to return the screen-labeled keys to their original state.
- **715 terminal:**
 1. Press **PRINT-SCRN** to print the screen.
- **513 terminal:**
 1. Press **F10** to display the first layer of screen-labeled keys for the terminal.
 2. Press **F1** to display the screen-labeled print keys.
 3. Press **F7** to print the screen.
 4. Press **F10** and **F5** to return the screen-labeled keys to their original state.

System: Appearance Screen

1. At the AUDIX R1 command line, type **sy ap** and press **(F8)** (Enter).
The system displays the System:Appearance screen (Figure 1-2).

```
PERFS1 STATUS:  alarms: MmWA, logins: 1, thresholds: none
PATH: system : appearance
login retries: 3          consecutive invalid login attempts: 18
system guest password: 234      minimum password length: 0
input time limits (seconds), normal: 99      wait (*W): 180
full mailbox timeout (seconds) : 5          dial tone detect (seconds) : 0
name recorded by subscriber (y/n)? y        flash transfer delay (seconds): 2
multiple personal greetings (y/n)? y        tone detect interval (1/s): 1
increment (1/s), rewind: 0  advance: 0      priority on call answer (y/n) : y
traffic collection (y/n)? n  prime time (24 hour clock), start: 0800 end: 1700
end of message warning, active (y/n)? y     time (seconds): 15
password expiration interval: 0  minimum age: 0  warning: 0
call transfer out of AUDIX feature (y/n)? y enhanced call transfer (y/n)? y
covering extension: 26110                '0' calls follow coverage (y/n)?n
broadcast mailbox extension: 26099        transfer access code: _____

rescheduling increments
incr 1: 0  days 0  hrs 1  min      incr 2: 0  days 0  hrs 5  min
incr 3: 0  days 0  hrs 5  min      incr 4: 0  days 0  hrs 5  min
incr 5: 0  days 0  hrs 5  min      incr 6: 0  days 0  hrs 5  min
incr 7: 0  days 0  hrs 5  min      incr 8: 0  days 0  hrs 5  min
incr 9: 0  days 0  hrs 5  min      incr10: 0  days 0  hrs 5  min

operation confirmed
```

Figure 1-2. AUDIX R1 System : Appearance Screen

2. Print the screen.
3. Press **(CTRL) (Z)**.
The system returns to the AUDIX R1 command line.

System:Outcalling Screen

1. Type **sy out** and press **(F8)** (Enter).

The system displays the System:Outcalling screen (Figure 1-3).

```
ST03 STATUS:  alarms: M wA, logins: 1, thresholds: none
PATH: system : outcalling
outcalling active (y/n)? n
      start      end      interval      maximum
      time       time       (hh:mm)      simultaneous
      (hh:mm)   (hh:mm)
1: 00:00      23:59      00:15         1
2: -: -         -: -         -: -         -
3: -: -         -: -         -: -         -
initial delay (mins): 0
maximum number digits: 29
```

Figure 1-3. AUDIX R1 System : Outcalling Screen

2. Print the screen.
3. Press **(CTRL) (Z)**.

The system returns to the AUDIX R1 command line.

Traffic:Feature:Day Screen

1. Type **t f d** and press **(F8)** (Enter).
The system displays the Traffic: Feature: Day screen (Figure 1-4).
2. Press **(F8)** (Enter).
The system populates the Traffic: Feature: Day screen (Figure 1-4).

```
File Edit Scripts Control Phones Options Help
STT03 STATUS: alarms: M WA, logins: 1, thresholds: none
PATH: traffic : feature : day
starting date (mddy): 030697 ending time (hhmm): 09:19
(TO SELECT TRAFFIC TYPE ENTER AN x THEN PRESS ENTER)
traffic type, session: x message: _
max average number of ports in use: 0.0
subscribers, local: 1999 remote: 7820 non administered remote: 865

                VOICE MAIL
successful logins, external: 0          internal: 0
failed logins,     external: 0          internal: 0
session usage (seconds) : 0

                CALL ANSWER
completed calls,  external: 0          internal: 0
abandoned calls, external: 0          internal: 0
session usage (seconds) : 0

(PRESS ENTER FOR NEXT DAY'S TRAFFIC)
operation confirmed
```

Figure 1-4. AUDIX R1 Traffic: Feature: Day Screen

3. Print the screen.
4. Press **(CTRL) (Z)**.
The system returns to the AUDIX R1 command line.

Maintenance: System: Vintage Screen

1. Type **m sy v** and press **(F8)** (Enter).

The system displays the Maintenance: System: Vintage screen (Figure 1-5).

```

PERFS1 STATUS: alarms: MmwA, logins: 1, thresholds: none
PATH: maintenance : system : vintage
USF BOARD VINTAGE USF BOARD VINTAGE USF BOARD VINTAGE
TN591 1 TN501B 9
TN761 2 TN501B 10
TN501B 10
TN501B 10
TN716B 1 TN501B 10
TN501B 10
TN511 3 TN501B 10
UN160B 5 TN501B 10
UN162 3 TN714 10
TN533 7 TN500 10 TN747B 3
UPT 2 0
UPT 3 NA
TN727 12 TN520 15

software version: R1U8 SMALL 8:2-8.2.11
field update number: none
USE ENTER TO PAGE

operation confirmed
    
```

Figure 1-5. AUDIX R1 Maintenance : System : Vintage Screen

2. Print the screen.

⇒ NOTE:

If you have a Tower AUDIX, the screen has two pages; however, you only need to print page 1.

3. Press **(CTRL) (Z)**.

The system displays the AUDIX R1 command line.

List:Machine Screen

1. Type **li m** and press **(F8)** (Enter).
The system displays the List: Machine screen (Figure 1-6).
2. Press **(F8)** (Enter).
The system populates the List: Machine screen (Figure 1-6).

```
STT03 STATUS: alarms: M wA, logins: 1, thresholds: none
PATH: list : machine
machine name: Sydney
(PRESS ENTER TO DISPLAY LIST BEGINNING WITH GIVEN MACHINE NAME)
machine name      machine type      voice id      callback no.
STS01            audix              7
STT01            audix              9
STT03            audix              0
apsts01          amisap             4              1
apsts02          amisap             5              1
asantiago        amisap             3              1
asydney          amisap             10             1
defuex1          audix              11
drbig2           audix              13
saigon           audix              1
santiago         audix              2
stcle1          audix              14
operation confirmed
```

Figure 1-6. AUDIX R1 List : Machine Screen

3. Print the screen. Continue to press **(F8)** (Enter) to scroll through the pages of the screen, printing each one.
4. Press **(CTRL) (Z)**.
The system returns to the AUDIX R1 command line.

List: COS Screen

1. Type **lc** and press **(F8)** (Enter).

The system displays the List: COS screen (Figure 1-7).

```
PERFS1 STATUS:  alarms: MmuA, logins: 1, thresholds: none
PATH: list : cos

class of service names

default: def

1: light10  2: medium10  3: heavy10  4: bulletin
5: light30  6: medium30  7: heavy30  8: class8
9: class9   10: class10  11: class11

operation confirmed
```

Figure 1-7. AUDIX R1 List : COS Screen

2. Print the screen.
3. Press **(CTRL) (Z)**.

The system returns to the AUDIX R1 command line.

System:Translation:Machine:AUDIX Screen

1. Type **sy tr m au** and press **(F8)** (Enter).
The system displays the System: Translation: Machine: AUDIX screen (Figure 1-8).
2. Press **(F8)** (Enter).
The system populates the System: Translation: Machine: AUDIX screen (Figure 1-8).

```

PERFS1 STATUS:  alarms: MmWA, logins: 1, thresholds: none
PATH: system : translation : machine : audix/amis/call delivery
machine name:      local/remote:  password:          ext length:
voiced name (y/n)? _ voice id:    AMIS callback no.: _ (1, 2, 3, 4, or 5)
default community: _ connection type:  data rate:        channel: _
dial string:
address ranges (prefix  start      / end extension)  warnings
1: _____ / _____
2: _____ / _____
3: _____ / _____
4: _____ / _____
5: _____ / _____
6: _____ / _____
7: _____ / _____
8: _____ / _____
9: _____ / _____
10: _____ / _____
message transmission schedule (hh:mm)
1. start: _ : _ end: _ : _ interval: _ : _ updates (y/n)? in _ out _
2. start: _ : _ end: _ : _ interval: _ : _ network turnaround (y/n)? _
3. start: _ : _ end: _ : _ interval: _ : _ log connect events (y/n)? _
new machine name:      send to non-administered recipients (y/n)?
    
```

Figure 1-8. AUDIX R1 System: Translation: Machine:AUDIX Screen

3. The first populated screen you see is for the local machine. Print the screen. Then, press **(F8)** to clear the screen. Enter the name of the next machine in the field provided, print the screen, press **(F8)** (Enter), and then press **(F8)** to clear the screen.
Continue with this process until you have printed the screens for all the machines.
4. Press **(CTRL) (Z)**.
The system returns to the AUDIX R1 command line.

System:Translation:Switch Connection Screen

1. Type **sy tr sw** and press **(F8)** (Enter).

The system displays the System: Translation: Switch Connection screen (Figure 1-9).

⇒ NOTE:

This screen is different for non-DEFINITY® switch integrations.

```

STT03 STATUS:  alarms: M wA, logins: 1, thresholds: none
PATH: system : translation : switch connection
connection type (dciu-sci/smsi/bri-api/s11/sid/stand-alone): dciu-sci
(PRESS CHANGE TO MODIFY CONNECTION TYPE, NEW FIELDS WILL BE DISPLAYED)

      (THE FOLLOWING FIELDS APPLY ONLY TO A DCIU OR SCI DATALINK)

switch  audix  switch  logical  data  switch  audix  switch  logical  data
number  port   port    channel  link  number  port   port    channel  link
1:      0      0        0         0     2:      1      59        1         1
3:      0      0        0         0     4:      0      0         0         0
5:      0      0        0         0     6:      0      0         0         0
7:      0      0        0         0     8:      0      0         0         0
9:      0      0        0         0    10:     0      0         0         0
11:     0      0        0         0    12:     0      0         0         0
13:     0      0        0         0    14:     0      0         0         0
15:     0      0        0         0    16:     0      0         0         0
17:     0      0        0         0    18:     0      0         0         0
19:     0      0        0         0    20:     0      0         0         0

host switch: 2      AUDIX: 5

operation confirmed
    
```

Figure 1-9. AUDIX R1 System: Translation: Switch Connection Screen

2. Print the screen.
3. Press **(CTRL) (Z)**.

The system returns to the AUDIX R1 command line.

Task 2 — Preadministering the INTUITY AUDIX System

To set up the INTUITY AUDIX system before transferring data:

1. Preadminister the INTUITY AUDIX system for integration with the switch, including the switch interface and channels.

⇒ NOTE:

Do not assign voice ports to a hunt group before completing Task 13.

2. If networking is to be turned on, administer the switch for networking.
For more information, see the installation book for your platform.
3. Verify that the INTUITY AUDIX system is preadministered to match the AUDIX R1 system for:
 - Extension length
 - Same switch type

⇒ NOTE:

For the migration, the switch types must be the same. If the INTUITY AUDIX will run on a different switch type, you should change that in Task 13.

- A number that exceeds by 25 percent the number of local users and administered remote users
 - Range of extensions
 - Outcalling
 - Classes of service
4. Collect the printouts of the AUDIX R1 screens.
 5. Log on to the INTUITY AUDIX system using the craft login.

Extension Length

1. Start at the Lucent INTUITY main menu (Figure 1-10)

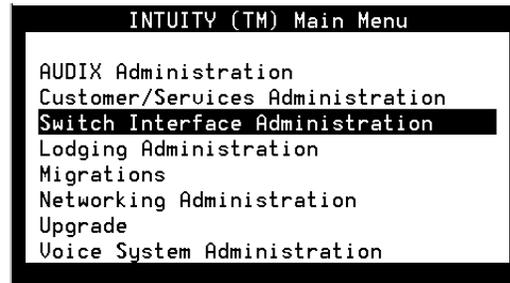
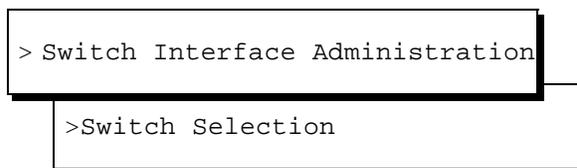


Figure 1-10. INTUITY Main Menu

2. Select



The system displays the Switch Selection screen (Figure 1-11).

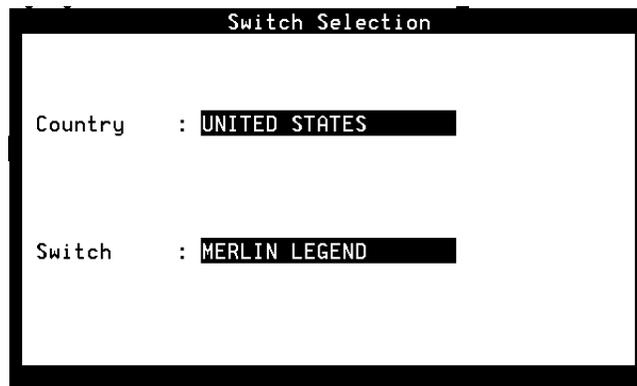


Figure 1-11. Switch Selection Screen

⇒ NOTE:

This is a sample of the Switch Selection screen. The system displays a screen that matches the system configuration.

3. Verify that the information in the `Country:` and `Switch:` fields is correct. If the fields match, go to step 4. If they do not, enter the correct information in the fields.
4. Press **(F3)** (Save).
The system displays the DCIU Interface Administration screen.
5. Compare the `Switch Link Type:` field to the AUDIX R1, System: Translation: Switch Connection screen, `Connection Type` field (Figure 1-9).
If the field agrees, go to step 6. If the fields do not agree:
 - a. Reload the switch integration software. See your platform maintenance book for the software installation procedure.
 - b. Press **(F6)** (Cancel) to return to the Switch Selection screen (Figure 1-11).
 - c. Enter the correct switch for this migration.
 - d. Stop and start the voice system. See "Stopping and Restarting the Voice System" below.
6. Compare the `Extension Length` field to the AUDIX R1, System: Translation: Machine:AUDIX screen, `ext length` field (Figure 1-8).
If the extension lengths match, go to step 7. If they do not, enter the correct number in the `Extension Length` field.

7. Compare the `Host Switch Number` and `AUDIX Number` fields to the AUDIX R1, System: Translation: Switch Connection screen, `host switch` and `AUDIX` fields (Figure 1-9).

If the numbers match, go to step 8. If not, move to the `Host Switch Number`, then `AUDIX Number` fields and enter the correct numbers.

8. Under `AUDIX Port`, for any switch containing data (i.e., any switches whose fields do not contain zeros), enter the Logical Channel and Switch Port values from the AUDIX R1, System: Translation: Switch Connection screen (Figure 1-9).

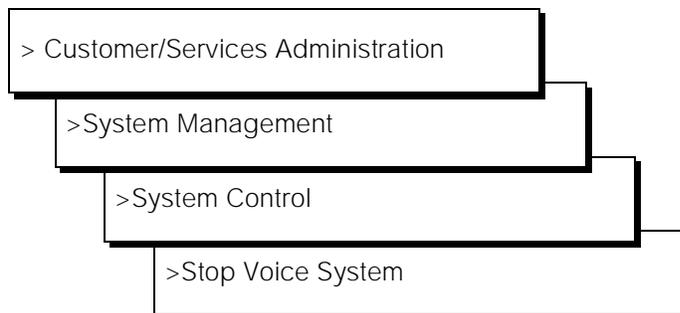
If the numbers match, go to step 10. If not, move to the `Logical Channel`, and change the `Logical Channel` and `Switch Port` fields and enter the correct numbers.

9. Press `F3` (Save).
10. Press `F6` (Cancel) to return to the Lucent INTUITY main menu (Figure 1-10).

Stopping and Restarting the Voice System

If the extension length changed, stop and restart the voice system to implement the change.

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



The system displays the Wait Time window (Figure 1-12):



Figure 1-12. Wait Time Window

2. Enter the number of seconds (60 to 600) that the system should wait to clear current calls before stopping the voice system.



NOTE:

Sixty seconds is recommended.

3. Press **F3** (Save).

The system displays messages and then the following prompt:

Press RETURN to continue

4. Press **ENTER**.

The system displays the System Control menu (Figure 1-13).

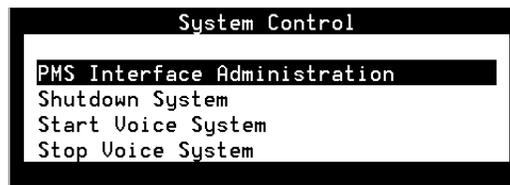


Figure 1-13. System Control Menu

5. Select

```
> Start Voice System
```

The system displays initialization messages until the following prompt appears:

Hit acknowledge key to continue.

6. Press **F1** (Acknowledge Message).

Number of Local and Administered Remote Users

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select.

```
> Audix Administration
```

The system displays the Audix Administration screen (Figure 1-14).

4. Press **(TAB)** to move the cursor to the `Subscribers, Local` field. Enter a number that exceeds the number in the AUDIX R1, Traffic:Feature:Day screen, `Subscribers:Local` field by 25 percent.
5. Press **(TAB)** to move the cursor to the `Administered Remote` field. Enter a number that exceeds the number in the AUDIX R1, Traffic:Feature:Day screen, `Subscribers:remote` field by 25 percent.
6. Press **(F3)** (Enter) to save the new user limits.
The message `command successfully completed` appears and the cursor returns to the command line.

Range of Extensions

1. Enter **change machine**.



NOTE:

The system automatically selects the local machine.

The system displays the Machine Profile screen (Figure 1-16).

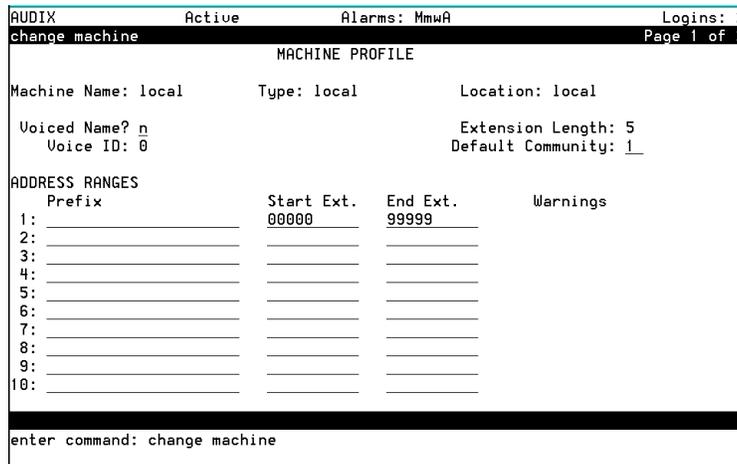


Figure 1-16. Machine Profile Screen

2. Compare the `Start Ext.` and `End Ext.` to the ranges displayed on the AUDIX R1, System:Translation:Machine:AUDIX screen (Figure 1-8). Enter the same number of zeros as the extension length for the `Start` extension range and the same number of nines as the extension length for the `End` extension range.

3. Press **(F3)** (Enter) to save the new start and end extensions.

The message `command successfully completed` appears, and the cursor returns to the command line.

Outcalling

1. Type **ch sy o** and press **(ENTER)**.

The system displays the System-Parameters Outcalling screen (Figure 1-17).

```

AUDIX      Active      Alarms: MmWA      Logins:
system-parameters outcalling      Page 1 of 1
SYSTEM-PARAMETERS OUTCALLING

Outcalling Active? y

Start Time  End Time  Interval  Maximum Simultaneous
(hh:mm)    (hh:mm)  (hh:mm)   Ports
1: 00:00    23:59    00:15     1
2: _:_     _:_     _:_     _
3: _:_     _:_     _:_     _

Initial Delay (mins): 0
Maximum Number Digits: 29

change system-parameters outcalling
    
```

Figure 1-17. System-Parameters Outcalling Screen

2. Compare the values to the AUDIX R1, System:Outcalling screen (Figure 1-3).
If they match, go to step 3. If not, change the values on the INTUITY screen.
3. Press **(F3)** (Save).
The cursor returns to the command line, and the message `command successfully completed` appears.
4. Type `exit` and press **(F3)** (Enter).

Task 3 — Setting the Class-of-Service Names

1. Retrieve the Class-of-Service screen printouts from the AUDIX R1 system.
2. Start at the Lucent INTUITY main menu (Figure 1-10) and select

```
> AUDIX Administration
```

The system displays the Audix Administration screen (Figure 1-14).

3. Type **ch c cos-number**, where *cos-number* is a class-of-service number from 0 to 11, and press **ENTER**.

The system displays the Class-Of-Service screen (Figure 1-18).

```
AUDIX Active Alarms: MmwA Logins: 4
change cos 1 Page 1 of 2
CLASS OF SERVICE

Name: class01 COS Number: 1 Modified? n
Addressing Format: extension

System Multilingual is OFF Login Announcement Set: System
Call Answer Primary Annc. Set: System
Call Answer Language Choice? n Call Answer Secondary Annc. Set: System

PERMISSIONS
Type: call-answer Announcement Control? n Outcalling? n
Priority Messages? n Broadcast: none IMAPI Access? n
IMAPI Message Transfer? n Fax Creation? n Trusted Server Access? n

enter command: change cos 1
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

Figure 1-18. Class-Of-Service Screen

4. Enter the **AUDIX R1 name** in the **Name :** field. Do not change any other parameters as this data will be transferred during the migration.

NOTE:

The AUDIX R1 class 00 is named Default. Be certain that you also set the class of service named Default to COS number 0.

5. Press **↵** (Enter).

The system displays the following:

```
command successfully completed
```

6. Repeat step 3 through step 5 for each class-of-service number, including the default.

Task 4 — Installing the Migration Software

If the migrations option is not listed on the Lucent INTUITY main menu (Figure 1-10), the migration software has not been installed on the Lucent INTUITY machine.

To install the software, do the following:

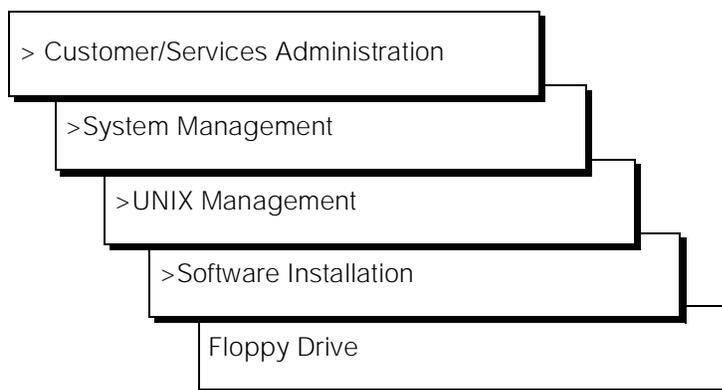
1. Locate the migration floppy disk.



NOTE:

This disk is shipped with the INTUITY AUDIX system in the box containing the software. If you do not have this software, contact the Remote Maintenance Center.

2. Start at the Lucent INTUITY main menu (Figure 1-10) and select



The system displays the following prompts:

```
Insert a diskette into Floppy Drive 1.
Type [go] when ready
or [q] to quit: (default: go)
```

3. Insert the migration diskette into the floppy drive and press **ENTER**.

The system displays the following message:

```
Installation in progress. Do not remove the diskette.
```

```
The following packages are available:
```

```
 1 mig Migrations
    (AUDIX) 4.X-X
```

```
Select the package(s) you wish to process (or "all" to
process
```

```
all packages). (default: all) [?,??,q]: 1
```

4. Type **1** and press **ENTER**.

The system installs the software and then displays the following message

```
Installation of Migration (mig) was successful
```

```
Press q to quit.
```

5. Remove the diskette from the floppy drive.
6. Press **F6** (Cancel) until you log out of the system.
7. Log on to the INTUITY AUDIX system using the craft login.

⇒ NOTE:

The system does not display the Transfer Data from AUDIX R1 menu option on the Migrations menu until you log back on to the INTUITY AUDIX system using the craft login.

Task 5 — Setting up the Migration Parameters

Set up the migration parameters for the system to:

- Dial up and log on to the AUDIX R1 system
- Identify the version of the AUDIX R1 system
- Identify the users data

Complete the following:

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



```
> Migrations
```

⇒ NOTE:

If the main menu does not contain the entry "Migrations," then the migration software has not been installed. You must first complete "Task 4 — Installing the Migration Software" and then return to this task.

The system displays the Migration menu (Figure 1-19).

```
==== Migration to Mach 2, 3 or 4 (mig package version = 4.3-4) ====
```

- ```
1) Transfer data from AUDIX R1
2) Transfer data from AUDIX Voice Power
3) Transfer data from AUP Lodging to Intuity Lodging
4) Transfer data from DEFINITY AUDIX
5) Install Default Database
6) Remove Voiced Names
7) Exit
```

```
Select option () [1] :
```

---

**Figure 1-19. Migrations Menu**

2. Type **1** and press **ENTER**.

The system displays:

```
Migrating to Intuity AUDIX R4.X.
Press Enter to continue....
```

3. Press **ENTER**.

The system displays the AUDIX R1 Migration Using ADAP menu (Figure 1-20).

```
==== AUDIX R1 Migration Using ADAP ====
1) Setup Parameters
2) Connectivity Test
3) Initial Setup - Network Machine Data
4) Begin Migration
5) Display Status
6) Display Logfile
7) Abort Migration
8) Restart Migration
9) Logout
10) Enhanced Migration Options
```

---

**Figure 1-20. AUDIX R1 Migration Using ADAP Menu**

4. Type **1** and press **(ENTER)**.

The system displays a series of data entry prompts (Figure 1-21).

---

```
3) Begin Migration
4) Display Status
5) Display Logfile
6) Abort Migration
7) Restart Migration
8) Logout

Select option () [4] : 1
phone number () [4069] :
baud rate (1200 2400 4800) [1200] :
login () [ap] :
password () [] :
Please re-enter password
password () [] :
software release (rlu5 rlu6 rlu7 rlu8) [rlu7] :
default subscriber password () [] :
Please re-enter password
default subscriber password () [] :
beginning local subscriber () [18001] :
ending local subscriber (0 means no subscribers) [27000] :
AMIS remote subscribers (y) [n] :

Are these values correct (y n) [n] : y
```

---

**Figure 1-21. Data Entry Prompts**

**⇒ NOTE:**

To exit the Set Up Parameters prompts at any time during this data entry, press **(DELETE)**. You will return to the R1 Migration Using ADAP Menu.

5. Enter data for each prompt as follows. The default values (or the most recent values if you are restarting the transfer) appear in brackets [ ]. If you want to use a value appearing in brackets, press **ENTER** at the prompt:
  - Phone number  
Enter the phone number (remote access port **#**) of the AUDIX R1 system. Precede any number external to the local switch with the digit **9** or any other administered dial-out code.
  - Baud rate  
Enter the baud rate (1200) of the AUDIX R1 modem.
  - Login  
Enter the AUDIX R1 craft login.
  - Password  
Enter the AUDIX R1 password for the craft login.
  - Please re-enter password  
password () [ ]  
Re-enter the password for the craft login.
  - Software release  
Enter **R1V5**, **R1V6**, **R1V7**, or **R1V8**, depending on the software version of the AUDIX R1 system. This information is available on the printout of the AUDIX R1 Maintenance:System:Vintage screen (Screen 1-5).
  - Default subscriber password  
Enter the default password that users on the INTUITY AUDIX system should first use to log into the system. The customer system administrator should give you this password.



**CAUTION:**

*You must use a number for the default password. It is recommended that "1" be used. Because INTUITY Release 4.0 has a new security feature, several password schemes cannot be used. This includes consecutive digits (1234), repeating digits (1111), or a password that matches any subscriber's extension. In any case, use the minimum password length so users must change the default password.*

- Please re-enter password  
default subscriber password  
Enter the default password again.

- Beginning local subscriber  
Enter the lowest extension number in your dialing plan. With a five-digit dialing plan, 00000 would be the lowest extension you could enter.
  - Ending local subscriber  
Enter the highest extension number in your dialing plan. With a five-digit dialing plan, this would be 99999.
  - AMIS remote subscribers  
Enter **y** if the AUDIX R1 system has AMIS users who are transferring. If there are no AMIS users, enter **n**.
  - Are these values correct  
Enter **y** if the values are correct. If any of these values are incorrect, enter **n and then enter the correct values**.
6. Press **ENTER** to return to the AUDIX R1 Migration Using ADAP menu (Figure 1-20).

## **Task 6 — Administering the Networked Machines**

---

To administer the networked machines, complete one of the following:

- Migrating from AUDIX R1 V8
- Migrating from AUDIX R1 V5, V6, or V7.

### **Migrating from AUDIX R1 V8**

---

To migrate from AUDIX R1 V8, do the following

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



> Migrations

The system displays the Migrations menu (Figure 1-19).

2. Type **1** and press **ENTER**.

The system displays the AUDIX R1 Migration Using ADAP menu (Figure 1-20).

3. Type **3** and press **(ENTER)**.

The system displays the following:

```
Stopping Voice Mail System
Machine Profile Migration Started
Choose option 5 to check the status
Press enter to continue
```

4. Press **(ENTER)**.

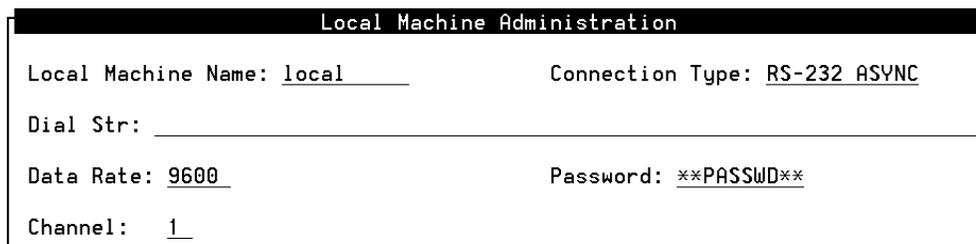
### **Migrating from AUDIX R1 V5, V6, or V7**

To migrate from AUDIX R1 V5, V6, or V7, do the following

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



The system displays the Local Machine Administration (Figure 1-22) screen.



**Figure 1-22. Local Machine Administration Screen**

2. Enter the **machine name** in the Local Machine Name: field.

**⇒ NOTE:**

Enter the machine names in the order of the voice IDs assigned to each machine on the AUDIX R1 List:Machine screen.

Enter machine name placeholders for machines omitted from the network or for voice IDs that are missing from the sequential order.

This keeps the voice IDs the same for the machines that remain in the network.

3. Enter the **connection type** in the Connection Type: field.
4. Enter the **dial string** in the Dial String: field.
5. Enter the **password** in the Password: field.
6. Enter the **data rate** in the Data Rate: field.
7. Press **F3** (Save).
8. Press **F6** to return to the Lucent INTUITY main menu, (Figure 1-10).

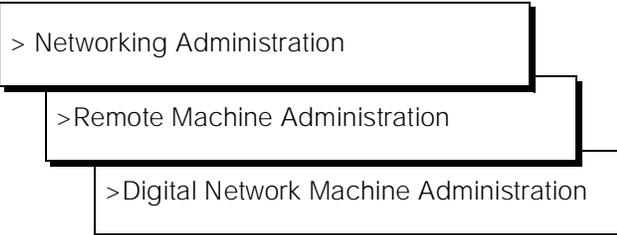
**⚠ CAUTION:**

*If you enter network machine names out of sequence or with the wrong voice IDs and then proceed with the data transfer, the network will operate improperly. To correct the problem, have the Remote Maintenance Center clear the database. Then, you must enter the machine names again and rerun the data transfer for remote users.*

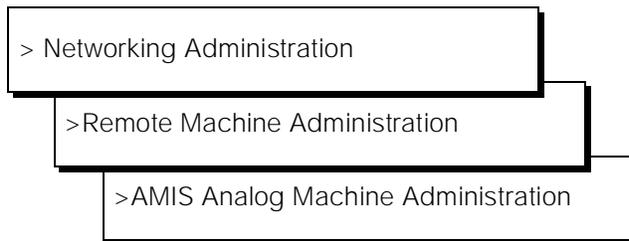
**⇒ NOTE:**

You must enter all digital network machine names as well as AMIS machine names into the INTUITY AUDIX system prior to the data transfer. However, only administered AMIS user data transfers from the AUDIX R1 system to the INTUITY AUDIX system; digitally networked data must be retrieved from each machine. See "Task 18 — Setting Up Digital Networking" for more information.

9. Start at the Lucent INTUITY main menu, (Figure 1-10) and select one of the following



or



The system displays the selected network machine administration screen.

10. Using the Lucent INTUITY AUDIX Digital Networking Administration or AMIS Analog Networking books, administer the networked machine.

**⇒ NOTE:**

The machine type defaults to amisac. If necessary, change the machine type to amisap so that it matches the AUDIX R1.

**⇒ NOTE:**

You may need to alternate between the AMIS and digital administration screens if the sequence of voice IDs alternates between the AMIS and digital network machines on the AUDIX R1 system.

11. These must be entered in voice ID order, regardless of whether they are digital or AMIS networks.
12. Change the connection type. Use Table 1-3 to determine the correct connection type.

**Table 1-3. Connection Types**

| R1 Connection_Type | R1 Data_Rate | INTUITY Connection_Type | INTUITY Data_Rate |
|--------------------|--------------|-------------------------|-------------------|
| dcp                | 64000        | DCP Mode 3              | 64000             |
| dcp                | 56000        | DCP Mode 1              | 56000             |
| dcp                | 9600         | RS-232                  | 9600              |
| rs232a             | 9600         | RS-232                  | 9600              |

13. Enter the customer-supplied password. If the passwords are not known, the passwords for the entire network must be changed. Contact Professional Services.
14. Enter the machine type.
15. In the Send Multimedia Messages field, enter a **Y** or **N**, depending on whether or not the networked machine is multimedia-enabled.

16. Press **F3** (Save).
17. Press **F6** (Cancel) to return to the Lucent INTUITY main menu (Figure 1-10).
18. Repeat step 10 through step 17 for each machine.
19. At the Lucent INTUITY main menu (Figure 1-10), select

```
> AUDIX Administration
```

The system displays the AUDIX Administration screen (Figure 1-14).

20. Type **change machine machine\_name** and press **ENTER**.

The system displays the Machine Profile screen (Figure 1-23).

```

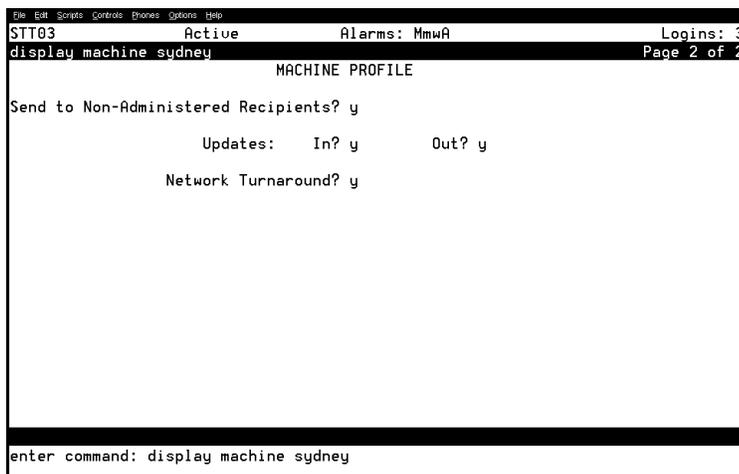
AUDIX Active Alarms: MmWA Logins: 2
add subscriber Page 1 of 2
 SUBSCRIBER
Name: test-3 Locked? n
Extension: 32001 Password: _____
COS: def Miscellaneous: _____
Switch Number: _____ Covering Extension: _____
Community ID: _____ Broadcast Mailbox? _
Secondary Ext: _____

Press [ENTER] to execute or press [CANCEL] to abort
enter command: add subscriber

```

**Figure 1-23. Machine Profile Screen for a Remote System**

21. Set the Extension Length, Default Community, and extension range(s) for the selected networked machine. Use the range from the corresponding AUDIX R1, System: Translation: Machine: AUDIX screen (Figure 1-8) in the Prefix, Start and End Extension fields. Use the *INTUITY AUDIX Digital Networking Administration* or *AMIS Analog Networking* book as reference, if necessary.
22. Press **F7**(Next Page) to display page 2 of the screen (Figure 1-24).

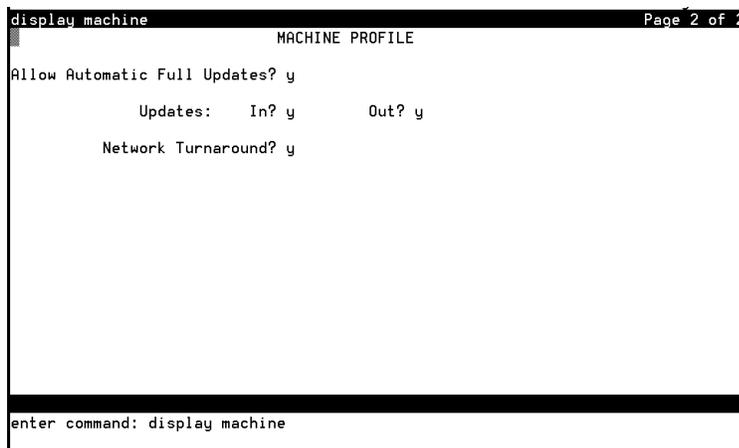


**Figure 1-24. Machine Profile Screen — Page 2**

Change the fields to match those found on the AUDIX R1 (Figure 1-25). Press **F3** (Enter) to save the entries.

**⇒ NOTE:**

The local or default machine will have a different entry than the networked machines. Change the Allow Automatic Full Updates= field to **Y**.



**Figure 1-25. Local/Default Machine Profile Screen**

23. Repeat step 20 through step 22 for each remote networked machine.

## **Task 7 — Listing Remote Machines**

---

Complete this task for remote machines that exist on the AUDIX R1 system.

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select.

```
> Audix Administration
```

The system displays the Audix Administration screen (Figure 1-14)

2. Type **li ma** and press **(ENTER)**.

The system displays the List Machines screen (Figure 1-26).

---

```
AUDIX Active Alarms: MmWA Logins: Page 1
list machines LIST MACHINES
Machine Machine Type Voice ID Callback No.
local local 0 N/A
Press [NextPage], [PreuPage] or [Cancel]
list machines
```

---

**Figure 1-26. List Machines Screen**

3. Compare this list to the AUDIX R1 screen prints of machine names.  
If the names are different or the voice IDs do not match, call the Remote Services Center.
4. Type **exit** and press **(ENTER)** to return to the INTUITY main menu (Figure 1-10).

## Task 8 — Testing the Modem Connection

---

After you set up the migration parameters, test the modem connection.



**NOTE:**

Testing the modem is optional, but is recommended to determine if dial-up problems exist before starting the data transfer.

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



```
> Migrations
```

The system displays the Migrations menu (Figure 1-19).

2. Type **1** and press `(ENTER)`.

The system displays the AUDIX R1 Migration Using ADAP menu (Figure 1-20).

3. Type **2** and press `(ENTER)`.

The system displays the following message:

```
Connectivity Test SUCCESSFUL
Press enter to continue...
```

4. If the test is successful, press `(ENTER)` to return to the AUDIX R1 Migration Using ADAP menu (Figure 1-20).
5. Disconnect and reconnect the modem to the COM2 port.

6. If the test fails
  - a. Verify that the modem is properly plugged into the COM2 port, the power is on, and the correct options are set.
  - b. Repeat step 3.If the test fails, contact the Remote Services Center.

## **Task 9 — Running the Data Transfer**

---

You must run the data transfer to move AUDIX R1 user data to the INTUITY AUDIX system. The transfer of data can take several hours, depending on the number of users whose data is being transferred. An approximate estimate of time is 200 users per hour at 1200 baud and 600 per hour at 4800 baud.

**⇒ NOTE:**

Before you start the data transfer, notify any customers that they should not add, change, or delete any users while the transfer is occurring.

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



```
> Migrations
```

The system displays the Migration menu (Figure 1-19).

2. Type **4** and press `ENTER`.

The system displays the following:

```
Delay in minutes before starting migration ()
```

3. Type **0** and press `ENTER`.

The system redisplay the AUDIX R1 Migration Using ADAP menu (Figure 1-20).

**⚠ CAUTION:**

*Do not reboot or shut down the machine or disconnect power while the transfer is in progress. If you do this, you will have to restart the transfer.*

4. Type **6** and press `ENTER`.

The system displays the Log File (Figure 1-27).

```
1) Setup Parameters
2) Connectivity Test
3) Begin Migration
4) Display Status
5) Display Logfile
6) Abort Migration
7) Restart Migration
8) Logout

Select option () [4] : 5
Copyright (C) AT&T 1993. All rights reserved.
START AT Mon Jan 16 15:26:26 1995

alogin: connect SUCCESSFUL, going on to login.

Proper baud rate established, logging in...
login: craft
password:
terminal code: pc
Kermit communications server beginning...Intuity cbueusw% Intuity cbueusw% Intui
ty cbueusw% Mon Jan 16 15:27:10 EST 1995
Intuity cbueusw% Intuity cbueusw% Intuity cbueusw% >
(EOF):
```

---

**Figure 1-27. Log File**

5. Verify that the connection through the switch is successful.
6. Press **ENTER** to return to the AUDIX R1 Migration Using ADAP menu (Figure 1-20).

### **Check the Status of the Data Transfer**

---

You can check the status of the data transfer to see that it is continuing to run and to anticipate when the transfer will finish.

The transfer of data occurs in two phases. In the first phase, the AUDIX R1 system transfers the following data to the INTUITY AUDIX system:

- Class-of-service data
- List of users
- User data

As each type of data is transferred, the screen increments the count so that you can see the progress being made.

In the second phase, the AUDIX R1 data is converted into a format that the INTUITY AUDIX system can use. After all data has been successfully transferred, the screen increments the count for each type of data conversion.

To check the data transfer status:

1. Select option **5**, Display Status.

The system displays the data transfer status information (Figure 1-28).



**NOTE:**

If the count for the item "Get Class of Service" increments, the migration is running.

---

```

Migration Completed
ITEM STATUS COUNT

Get Class Of Service Completed 12
Get Subscriber List Completed 120
Get Subscriber Info Completed 0
Convert COS Completed 12
Convert Local Subscribers Completed 0
Press enter to continue...

```

---

**Figure 1-28. Data Transfer Status**

2. The following fields are used to verify the number of items being migrated for a particular parameter and the status of the parameter migration.
  - The `Get Class Of Service` field indicates the number of class-of-service parameters being migrated and the status of the migration.
  - The `Get Subscriber List` field indicates the number of users being migrated and the status of the user migration.
  - The `Get Subscriber Info` field indicates the number of users for which data is being transferred and the status of the transfer.
  - The `Get Remote Subscriber Info` field indicates the number of remote users for which data is being transferred and the status of the transfer.
  - The `Convert COS` field indicates the number of class-of-service parameters being converted and the status of the conversion.
  - The `Convert Local Subscribers` field indicates the number of local users being converted and the status of the conversion.
  - The `Convert Remote Subscribers` field indicates the number of remote users being converted and the status of the conversion.
3. When all data has been successfully transferred and converted, the status for the items will say "Completed" as shown in Figure 1-28.

**⇒ NOTE:**

If the data transfer encounters problems, you may have to stop and restart the transfer. See the sections, "Stop the Data Transfer" and "Restart the Data Transfer".

4. Press **ENTER**.

The system returns to the AUDIX R1 Migration Using ADAP menu.

### Stop the Data Transfer

If the data transfer encounters problems, you may have to stop the transfer.

1. Select option **7**, Abort Migration.

The system stops the data transfer and displays the message, *Migration aborted*.

2. Press **ENTER**.

The system returns to the AUDIX R1 Migration menu.

**⇒ NOTE:**

The system saves the data up to the point of the last completed step. However, if you stop the transfer in the middle of the Get Subscriber Info transfer, the Get Subscriber List data is not saved.

### Restart the Data Transfer

Once the data transfer has been stopped, and any encountered problems investigated, it can then be restarted.

1. Select Option **8**, Restart Migration.

The system displays a list of restart options (Figure 1-29).

---

```
Select option () [4] : 7
Pass Description
1 same as begin migration
2 skip COS retrieval
3 skip COS and local subscriber retrieval
4 skip COS, local and remote subscriber retrieval
 (rerun data conversion step only/no connection needed)

pass () [1] : █
```

---

**Figure 1-29. Migration Restart Options**



**Table 1-4. Common Migration Error Codes**

| Code      | Meaning                                                           |
|-----------|-------------------------------------------------------------------|
| 6         | Bad data. The values are outside the permitted range.             |
| 61        | The extension lengths of AUDIX R1 and INTUITY AUDIX do not match. |
| 1023      | The value is out of range.                                        |
| 1025      | The extension already exists in the INTUITY AUDIX system.         |
| bad field | Quotation marks appear in a user's data.                          |

4. Once you reach the end of the log file, EOF appears.

**NOTE:**

If there are ten or fewer errors, you must manually enter the subscribers. For more details, see the Administration manual. If more errors exist, call the Remote Maintenance Center.

5. Press **ENTER** three times to exit the file.  
The system displays the AUDIX R1 Migration Using ADAP menu (Figure 1-20).
6. Type **9** and press **ENTER**.  
The system displays the Migration menu (Figure 1-19).
7. Type **6** and press **ENTER**.  
The system displays the Lucent INTUITY main menu (Figure 1-10).

## Printing the Log File

---

To print the log file:

1. Connect a printer to your Lucent INTUITY terminal using the appropriate port for your parallel or serial printer.

You can connect any of the following printers:

- AT&T 570 series of terminals
- AT&T 593



## **Task 11 — Verifying the Data Transfer**

Once the data transfer is complete, you must verify that the user data has been transferred successfully. To verify the transfer of data, you should check the following:

- The number of local subscribers (it should be within 10 percent of the original number of local subscribers)
- Five user extensions (well-spaced throughout the range of extensions you transferred)
- Five remote AMIS users (if any)

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select

```
> AUDIX Administration
```

The system displays the AUDIX Administration screen (Figure 1-14).

2. Type **li me fe da** and press **F8** (Enter).
3. Verify that the value in the Subscribers Local field is within 10 percent of the value in the same field in AUDIX R1.
4. Type **display subscriber extension number** and press **F8** (Enter).
5. Verify that the data has been transferred.
6. Type **display remote-subscriber AMIS-machine-name extension number and** press **F8** (Enter)
7. Verify that the data has been transferred.

## Task 12 — Administering the Switch

Once the migration from the AUDIX R1 system to the INTUITY AUDIX system has been successfully completed, you must administer the switch associated with the INTUITY AUDIX system.

Table 1-5 lists the tasks necessary for administering the switch on the Lucent INTUITY AUDIX system migration. The table assumes that the customer wants to keep the AUDIX R1 mailboxes available for users after the migration. Users may want to retrieve old messages from the AUDIX R1 system.

Based on the type of switch and INTUITY AUDIX system you will be administering, you will need the following books to help you complete these tasks:

- *INTUITY™ Integration with System 75 and DEFINITY Communications System Generic 1 and Generic 3*, 585-310-214
- *INTUITY™ Integration with System 85 and DEFINITY Communications System Generic 2*, 585-310-215
- The maintenance book for the platform
- The installation document for the customer's switch

**Table 1-5. Switch Administration Tasks for Migration From AUDIX R1**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Reference                                                                                                                                                                                                               |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | <p>Create new voice ports for the AUDIX R1 system. The customer will most likely want to use most or all of the existing R1 ports for the Lucent INTUITY system. (Optional)</p> <ul style="list-style-type: none"> <li>■ These new voice ports allow users to get their old messages. In this case, the R1 system requires only a few ports. The AUDIX R1 system will have to be recabled for the new voice ports.</li> </ul> <p><b>⇒ NOTE:</b><br/>The customer may want to move a few existing ports from the old AUDIX R1 hunt group to the new AUDIX R1 hunt group.</p> | <ul style="list-style-type: none"> <li>■ System 75, G1, and G3 - the appropriate Lucent INTUITY Switch Integration book</li> <li>■ System 85 and G2 - the appropriate Lucent INTUITY Switch Integration book</li> </ul> |

*Continued on next page*

**Table 1-5. Switch Administration Tasks for Migration From AUDIX R1 — *Continued***

| Task | Description                                                                                                                                                                                                                                                                                                                                        | Reference                                                                                                                                                                                                                                                                                                          |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.   | <p>Create a new AUDIX R1 hunt group.</p> <ul style="list-style-type: none"> <li>■ This creates a new telephone number users can call to get their old AUDIX R1 messages. Depending on the customer's need, assign some existing voice ports to this new hunt group or assign the newly created voice ports to the hunt group.</li> </ul>           | <ul style="list-style-type: none"> <li>■ For System 75, G1, and G3 - the appropriate Lucent INTUITY Switch Integration book</li> <li>■ For System 85 and G2 - the appropriate Lucent INTUITY Switch Integration book</li> <li>■ For other manufacturer's switches, see the appropriate integration book</li> </ul> |
| 3.   | <p>Create two test user stations with the existing AUDIX R1 coverage path.</p> <ul style="list-style-type: none"> <li>■ This lets you test the switch connections and the INTUITY AUDIX system before putting it into service for real users. Use the extensions of these stations when you add test users on the INTUITY AUDIX system.</li> </ul> | <ul style="list-style-type: none"> <li>■ For System 75, G1, and G3 - the appropriate Lucent INTUITY Switch Integration book</li> <li>■ For System 85 and G2 - the appropriate Lucent INTUITY Switch Integration book</li> </ul>                                                                                    |

## **Task 13 — Cabling the Lucent INTUITY System**

---

Once the migration from the AUDIX R1 system to the Lucent INTUITY system has been successfully completed, you must cable the Lucent INTUITY system.

You cannot use the AUDIX R1 system cables for connecting the Lucent INTUITY system to the switch. Therefore, you must cable the Lucent INTUITY system to the switch as if it were a new installation. Table 1-6 lists the tasks you must complete in order to cable the Lucent INTUITY system to the switch.

**⇒ NOTE:**

You may also have to recable the AUDIX R1 system to the switch if the customer is using new voice ports for the AUDIX hunt group.

**Table 1-6. Tasks to Cable the INTUITY AUDIX System and Recable the AUDIX R1 System**

| <b>Task</b> | <b>Description</b>                                                                                                                                                         | <b>Reference</b>                                                                                                                                                                                                                |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.          | Busy out the old AUDIX R1 voice ports. <ul style="list-style-type: none"> <li>■ This lets you remove the voice port cabling.</li> </ul>                                    | <ul style="list-style-type: none"> <li>■ For System 75, G1, and G3 - the appropriate Lucent INTUITY Switch Integration book</li> <li>■ For System 85 and G2 - the appropriate Lucent INTUITY Switch Integration book</li> </ul> |
| 2.          | Disconnect the voice port cabling to the AUDIX R1 system and cable the voice ports to the INTUITY AUDIX system.                                                            | The appropriate switch installation book.                                                                                                                                                                                       |
| 3.          | Power down the Lucent INTUITY system. Log off and turn off the computer.                                                                                                   | Not applicable                                                                                                                                                                                                                  |
| 4.          | Power down the AUDIX R1. Log off and turn off the computer.                                                                                                                | Not applicable                                                                                                                                                                                                                  |
| 5.          | Disconnect the BX.25 cabling to the AUDIX R1 system.                                                                                                                       | <i>AUDIX Installation</i>                                                                                                                                                                                                       |
| 6.          | Connect the BX.25 cabling to the INTUITY AUDIX system.                                                                                                                     | <i>INTUITY Messaging Solutions Installation</i> for your system                                                                                                                                                                 |
| 7.          | Turn on the Lucent INTUITY machine and log on. <ul style="list-style-type: none"> <li>■ This puts the Lucent INTUITY system into service for the test stations.</li> </ul> | <i>INTUITY Messaging Solutions Installation</i> for your system                                                                                                                                                                 |
| 8.          | Connect the AUDIX R1 cabling to the new AUDIX R1 voice ports.                                                                                                              | <i>AUDIX Installation</i>                                                                                                                                                                                                       |

## Task 14 — Removing the Migration Software

---

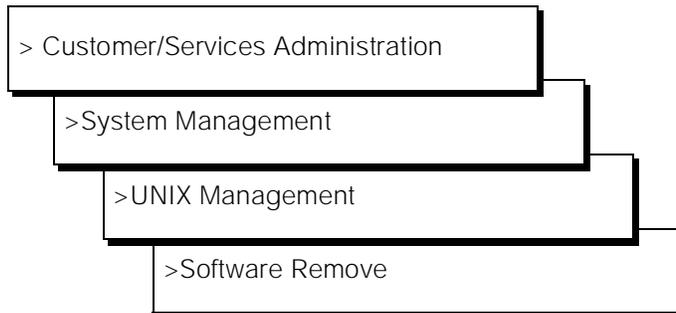
If you move the mailing lists, do not remove the migration software. This software must left in place in order to move the mailing lists. For details on migrating mailing lists, see Chapter 2, "Mailing List Migration".

**⚠ CAUTION:**

*Mailing lists can only be moved if a migration is done only from one AUDIX R1. If you are migrating from more than one AUDIX R1 to a Lucent INTUITY, do not migrate the mailing lists.*

To remove the migration software, complete the following

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



The system displays the Installed Software List (Figure 1-32):

---

```
41 lp Printer Support
 <386> 1
42 machlog INTUITY AUDIX Logger Package
 <i486> i.1.0
43 maint INTUITY Maintenance Package
 <i486> i.1.0
44 mendrvr Memory driver edition C <CMendrvr> from Microport
 <486> i.1.0
45 mig Migrations
 <AUDIX> 4.0-8
46 mouse BUILT INTO THE BASE, CANNOT BE REMOVED.
 <>
47 mtce INTUITY Utilities Package
 <i486> i.1.0
48 multiusr Multi-user Set
 <386> 1
49 netcmds Commands Networking Extension
 <386> 1
50 netw Intuity Networking
 <486> 4.0-6

... 33 more menu choices to follow;
<RETURN> for more choices, <CTRL-D> to stop display:
```

---

**Figure 1-32. Installed Software List**

2. Press **ENTER** to scroll through the list until you find the number of the migration software. Look for "mig". The list is in alphabetical order. When you find the software location, write down the number that appears in the left column.
3. When you have identified the number of the migration software, press **CTRL D**.  
The following prompt appears.  

```
Select package(s) you wish to process (or 'all' to
process
all packages). (default: all) [?,??,q]:
```
4. Enter the item number of the migration software.  
The following prompt appear:  

```
Do you want to remove this package [y,n,?,q]
```
5. Enter **y**.  
The system now removes the indicated software. You then return to the UNIX Management menu.
6. Press **F6** (Cancel) until you return to the Lucent INTUITY main menu (Figure 1-10).

## **Task 15 — Readministering the Voice Ports on the AUDIX R1 System**

---

See "Initial Administration for Switch Integration," in the installation book for your platform for information on this task.

## **Task 16 — Completing the Migration**

To complete the migration, you (or the customer) must complete a number of additional installation tasks. These may include:

- Administering additional languages
- Testing alarms
- Administering remote terminals
- Administering modems
- Administering additional printers
- Backing up the system
- Administering analog networking
- Administering digital networking
- Administering remote machines
- Setting up automated attendants

If the customer is responsible for these tasks, give the customer all printouts from the AUDIX R1 system to assist in readministering the new system.

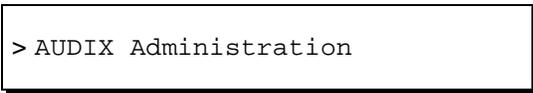
For more information, see the installation book for the platform.

## **Task 17 — Setting up the Local Machine Extension Ranges**

The local machine settings used during the migration must be changed.

To set the extensions on the local machine, complete the following

1. Start at the Lucent INTUITY main menu (Figure 1-10) and select



```
> AUDIX Administration
```

The system displays the AUDIX Administration screen (Figure 1-14).

2. Type **change machine** press **F8** (Enter).

The system displays the Machine Profile screen (Figure 1-16).

3. Set the extension ranges to match the settings on the AUDIX R1 machine.
4. Press **F3** (Save).
5. Press **F6** (Exit).

## **Task 18 — Setting Up Digital Networking**

---

If the customer has digital networking, the customer should manually run the **get remote update** command on each digitally networked machine to recapture remote user data after digital networking has been readministered.

1. Enter **get remote\_updates remote machine name**, where *remote machine name* is the name of a system that shares the network with your local system.

The system displays the Remote Update Request screen.

For further details, see *INTUITY Messaging Solutions Digital Networking*.

## **Task 19 — Migrating the Mailing List**

---

If you need to migrate mailing lists from the AUDIX R1 machine to the Lucent INTUITY system, see Chapter 2, "Mailing List Migration" for details.

---

## Mailing List Migration

# 2

---

### Overview

---

This chapter presents the information for a mailing list migration from AUDIX® Voice Power™ to the Lucent™ INTUITY™ system. The following AUDIX Voice Power releases can be migrated to the Lucent INTUITY system:

- Release 2.0
- Release 2.1
- Release 2.1.1 (also available from Integrated Solutions III)
- Release 3

### Purpose

---

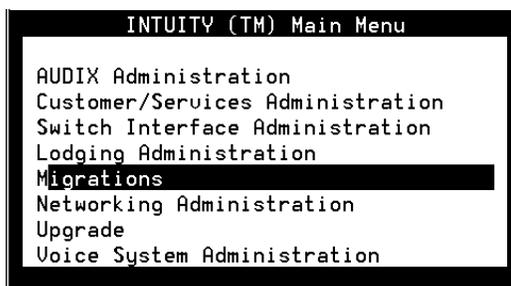
These procedures are sequenced to minimize the time the customer is without voice messaging service.

## Migrating a Mailing List

---

Migrate all mailing list data from the AUDIX® R1 machine to the Lucent™ INTUITY™ system.

1. Verify that the number of local and remote users on the Lucent INTUITY Change System-Parameters Limits screen is 25 percent greater than the number of local and administered remote users on the AUDIX R1 System:Limits screen.
2. Start at the Lucent INTUITY main menu (Figure 2-1)



**Figure 2-1. Lucent INTUITY Main Menu**

3. Select



The system displays the Migrations menu (Figure 2-2).

---

```
==== Migration to Mach 2, 3 or 4 (mig package version = 4.3-4) ====

1) Transfer data from AUDIX R1
2) Transfer data from AUDIX Voice Power
3) Transfer data from AVP Lodging to Intuity Lodging
4) Transfer data from DEFINITY AUDIX
5) Install Default Database
6) Remove Voiced Names
7) Exit

Select option () [1] :
```

**Figure 2-2. Migrations Menu**

4. Type **1** and press **␣** (Enter).

The system displays the AUDIX R1 Migration Using ADAP menu (Figure 2-3).

---

```
==== AUDIX R1 Migration Using ADAP ====
1) Setup Parameters
2) Connectivity Test
3) Begin Migration
4) Display Status
5) Display Logfile
6) Abort Migration
7) Restart Migration
8) Logout

9) Enhanced Migration Options

Select option () [4] : 9
```

---

**Figure 2-3. AUDIX R1 Migration Using ADAP Menu**

5. Type **10** and press **␣** (Enter).

The system displays the Enhanced AUDIX R1 Migration Options menu (Figure 2-4).

```
==== Enhanced AUDIX R1 Migration Options ====
1) Change Migrated Subscriber's Passwords on the R1 Machine
 (do this before invoking a voice data migration)
2) Migrate Subscriber Mailing Lists
3) Return to the R1 Migration Menu
Select option () [3] : 2
```

---

**Figure 2-4. Enhanced AUDIX R1 Migration Options Menu**

6. Type **2** and press **(F3)** (Enter).

The system displays the Migrate R1 Mail Lists menu (Figure 2-5).

```
==== Migrate R1 Mail Lists ===
1) begin mailing list migration
2) monitor status
3) view log files
4) look at migrated lists
5) abort
6) restart
7) cleanup
8) exit menu
Select option () [1] :
```

---

**Figure 2-5. Migrate R1 Mail Lists Menu**

7. Type **1** and press **(F3)** (Enter).

**⇒ NOTE:**

The mailing list migration proceeds at the rate of approximately 3,000 (local and remote) subscribers per hour.

You can monitor the migration by selecting option **2**, `monitor status`.

**⇒ NOTE:**

To stop the mailing list migration, select option **5**. To restart the mailing list migration, select option **6**.

8. When the migration is complete, select option **3**, `view log files`, to review the mailing list migration.
9. Type **4** and press **F3** (Enter) to review the migrated mailing lists.
10. Type **7** and press **F3** (Enter) to clean up the migrated mailing list.
11. When the clean-up is complete, type **8** and press **F3** (Enter) to return to the Enhanced AUDIX R1 Migration Options menu (Figure 2-4).
12. Type **3** and press **F3** (Enter) to return to the Migration menu (Figure 2-2).
13. Type **6** and press **F3** (Enter) to return to the Lucent INTUITY main menu (Figure 2-1).



A DEFINITY® AUDIX® customer must migrate to the INTUITY™ AUDIX system from one of two possible configurations of the DEFINITY AUDIX system:

- Control Link (CL) mode  
Replaces the DEFINITY AUDIX system and uses the existing control link cable and data link administration for the INTUITY AUDIX system.
- Digital Port emulation (DP) mode on DEFINITY AUDIX R3.1 or earlier  
Replaces the DEFINITY AUDIX system but requires the installation of a data link cable and administration of the data link for the INTUITY AUDIX system.

 **CAUTION:**

*Migrating DEFINITY AUDIX data overwrites any existing data on the INTUITY AUDIX system, including any data previously migrated.*

## **Materials and Information Needed**

---

You need the following items to complete the migration from a DEFINITY AUDIX system to an INTUITY AUDIX system:

- One migration software diskette
- Migration Checklist
- A SCSI tape drive unit connected to the DEFINITY AUDIX system (shipped from the Remote Maintenance Center)
- One blank Tandberg 525 Mb tape for DEFINITY AUDIX data backups (shipped from the Remote Maintenance Center)
  - for nightly and weekly back-up data
  - for voice back-up data
- INTUITY AUDIX installation hardware

You will need the following books:

- The Lucent™ INTUITY Messaging Solutions R4 maintenance book for your platform
- *INTUITY™ Integration with System 75 and DEFINITY Communications System Generic 1 and Generic 3*, 585-310-214
- The Lucent INTUITY Messaging Solutions R4 installation book for your platform
- The installation book for the customer's switch
- The Lucent INTUITY Messaging Solutions R4 AUDIX Administration book

## Migration Checklist

Table 3-1 shows the migration tasks, in the sequence they should occur, for a migration from a DEFINITY AUDIX system to the INTUITY AUDIX system.

**Table 3-1. Migration Checklist**

| <b>Task</b> | <b>Description</b>                                  | <b>Page</b> | <b>✓</b> |
|-------------|-----------------------------------------------------|-------------|----------|
| 1.          | Install the PI or PGATE circuit card (DP mode only) | 3-4         |          |
| 2.          | Get the DEFINITY AUDIX profile                      | 3-4         |          |
| 3.          | Turn off the switch voice ports (if in DP mode)     | 3-9         |          |
| 4.          | Connect the external Tandberg tape drive            | 3-10        |          |
| 5.          | Back-up the DEFINITY AUDIX data                     | 3-11        |          |
| 6.          | Install the migration software (if necessary)       | 3-17        |          |
| 7.          | Preadminister the INTUITY AUDIX system              | 3-19        |          |
| 8.          | Run the data transfer                               | 3-24        |          |
| 9.          | Verify the transfer of data                         | 3-26        |          |
| 10.         | Remove the migration software                       | 3-31        |          |
| 11.         | Cable the INTUITY AUDIX system                      | 3-33        |          |
| 12.         | Complete administration of the switch               | 3-34        |          |
| 13.         | Continue with additional installation tasks         | 3-36        |          |

## Task 1 — Install the PI or PGATE Circuit Card (DP Mode Only)

If the DEFINITY AUDIX system is in DP/DS mode, the system does not require a BX.25 data link to the switch. Therefore, certain types of switches may require a PI or PGATE circuit card to migrate with the new INTUITY system. See the installation book for the customer's switch for more information on how to install one of these circuit cards.

## Task 2 — Get the DEFINITY AUDIX Profile

You need the following information from the DEFINITY AUDIX machine before you begin the migration. This information may be available from the Remote Maintenance Center or from the customer's planning worksheets. If you do not have this information, retrieve it from the DEFINITY AUDIX screens as described in Table 3-2.

**Table 3-2. DEFINITY AUDIX Profile Information Needed**

| DEFINITY AUDIX Screen   | Information Needed                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Machine Profile         | Extension length of local DEFINITY AUDIX                                                                                                                                                                                                                                                                                                                                                                                 |
| List Machine            | Networked machine names and voice IDs<br><br> <b>NOTE:</b><br>If networking is active when you back up data for the migration, the data transfer to the INTUITY AUDIX system overwrites the address ranges that you preadministered in the INTUITY AUDIX system. Therefore, you should administer networking after the data transfer. |
| Network Machine Profile | Network machine configurations                                                                                                                                                                                                                                                                                                                                                                                           |
| Switch Link             | Switch link embedded parameters (DP mode only)<br><br>or<br>Switch link parameters (DCIU-SCI)                                                                                                                                                                                                                                                                                                                            |

 **NOTE:**

Verify that a printer is connected to the DEFINITY AUDIX terminal and is set to on-line.

Log on to the DEFINITY AUDIX machine using the craft login and password.

Enter **513** for the following terminals:

- 513 BCT
- 610 BCT
- 610 or 615 MT running a 513 emulation package
- 715 BCS
- PC running a 513 emulation package

Enter **5420** for the following terminals:

- 5420
- 4415
- 705
- 610 or 615 MT not running a 513 emulation package

**⇒ NOTE:**

Print the screens using one of the following methods:

- **For a 4410, 4425, or 610 terminal:**
  1. Press **CTRL F4** to display the screen-labeled print keys.
  2. Press **F3** (Print Screen) to print the screen.
  3. Press **CTRL F6** to return the screen-labeled keys to their original state.
- **For a 715 terminal:**
  1. Press **PRINT-SCRN** to print the screen.
- **For a 513 terminal:**
  1. Press **F10** to display the first layer of screen-labeled keys for the terminal.
  2. Press **F1** to display the screen-labeled print keys.
  3. Press **F7** (Print Screen) to print the screen.
  4. Press **F10** and **F5** to return the screen-labeled keys to their original state.

Repeat Step 2 and Step 3 to print each screen.

## Machine Profile Screen

---

1. At the DEFINITY AUDIX command line, type **display machine** and press **(F3)** (Enter).

The system displays the Machine Profile screen (Figure 3-1).

```
display machine Refresh Enter ClearFid Help Page 1 of 2
 MACHINE PROFILE
Machine Name: denvercl Machine Type: audix Location: local
Voiced Name? y Extension Length: 5
Voice ID: 0 Default Community: 1
ADDRESS RANGES
Prefix Start Ext. End Ext. Warnings
1: 80000 99999
2: 21000 21016
3: 87 50000 59999
4:
5:
6:
7:
8:
9:
10:
enter command: display machine
```

---

**Figure 3-1. Machine Profile Screen**

2. Print the screen.
3. Press **(F1)** (Cancel).

The system returns to the DEFINITY AUDIX command line.

## List Machines Screen

---

1. Type **list machines** and press **(F3)** (Enter).

The system displays the List Machines screen (Figure 3-2).

```
denvercl Active Alarms: A Thresholds: none Logins: 1
list machines Refresh Enter ClearFld Help Page 1
LIST MACHINES

Machine Machine Type Voice ID Callback No.
SCSS0 amisap 24 1
acdenuer amisac 1 1
alphaudix amisap 22 1
ax85 audix 7 N/A
bclists amisap 15 1
bellcore amisap 16 1
bw1 amisap 14 1
calldelu calld 2 N/A
denuer audix 13 N/A
denvercl audix 0 N/A

Press [NextPage] for more data or [Cancel] to abort
enter command: list machines
```

---

**Figure 3-2. List Machines Screen**

2. Print the screen(s).
3. Press **(F1)** (Cancel).

The system returns to the DEFINITY AUDIX command line.

## Switch Link Screen

---

1. Type **display switch-link** and press **(F3)** (Enter).

The system displays the Switch Link Embedded screen (Figure 3-3) or the Switch Link DCIU-SCI screen.

---

```
display switch-link Page 1 of 1
 SWITCH LINK EMBEDDED
 Host Switch: 16 AUDIX: 3

TIMEOUT PARAMETERS
Call Answer Timeout: 5 Timeout Treatment: none Extension:
```

---

**Figure 3-3. Switch Link Embedded Screen**

2. Print the screen.
3. Press **(F1)** (Cancel).  
The cursor returns to the command line.
4. Enter **logoff**.
5. Collect the printed screens from the printer.

## Task 3 — Turn off the Switch Voice Ports (If in DP Mode)

---

If the voice ports are in DP mode, you must turn off the switch voice ports before you back up DEFINITY AUDIX data. Otherwise, DEFINITY AUDIX data does not migrate properly.

Do the following:

1. At the switch administration terminal, enter **change station extension** for the first voice port in the DEFINITY AUDIX hunt group.

Figure 3-4 for the specific version of the switch appears.

---

```
change station 12007 Page 1 of 4

 STATION
Extension: 12007 BCC: 0
Type: 7405D Lock Messages: n COR: 1
Port: 1A0507 Security Code: _ COS: 1
Name: AUDIX TRANSFER Coverage Path: 20

FEATURE OPTIONS
LWC Reception? msa-spe Coverage Msg Retrieval? y
LWC Activation? y Auto Answer? n
SMDR Privacy? _____ Data Restriction? n
Redirect Notification? n Idle Appearance Preference? n
Bridged Call Alerting? n

 Restrict Last Appearance? n

Data Module? n

Display Module? y Coverage Module? n
```

---

**Figure 3-4. Change Station Screen**

2. Enter **x** in the Port field, and press **(ENTER)**.  
The cursor returns to the command line.
3. Repeat Steps 1 and 2 for each voice port.
4. Call the AUDIX Upgrade Control Center at 1-800-562-8349 to change the emulation from DP- to CI-mode prior to the data transfer.

## **Task 4 — Connect the External Tandberg Tape Drive**

---

1. Log on to the DEFINITY AUDIX machine using the craft login. The system displays a blank DEFINITY AUDIX Administration screen.
2. Enter **remove tape** and then remove the tape.
3. Enter **reset system shutdown** to shut down the DEFINITY AUDIX.
4. Verify that the DEFINITY AUDIX is shut down and then remove it from the host switch.
5. Remove the SCSI cable and clips that connect the DEFINITY AUDIX tape drive to the Alarm Board (TN2169 or TN2170) and remove the tape drive from the Alarm Board. For details on removing the tape drive, see the Maintenance manual.
6. Connect the SCSI short flat cable from the migration kit to the Alarm Board where the original tape drive was plugged in. Route it through the space the tape drive was in if the cable comes out of the faceplate passing through the hole where the original tape drive was. The red mark on the cable should be pointed toward the center of the board.
7. Connect one end of the long cable (found in the migration kit) to the external tape drive (also found in the migration kit). Connect the other end of the long cable to the short cable connected to the Alarm Board.
8. Apply AC power to the external tape drive and turn it on. Insert a new tape into the drive. (Do not use the nightly backup tape. In addition, make sure the tape is not write-protected.)
9. Return the DEFINITY AUDIX to the switch and allow the system to boot up.

## Task 5 — Back-up the DEFINITY AUDIX Data

---

1. Log on to the DEFINITY AUDIX machine using the craft login and password.

The system displays a blank DEFINITY AUDIX Administration screen (Figure 3-5).

---

```
drmf2 Active Alarms: mWA Thresholds: none Logins: 3
```

---

```
DEFINITY(R) AUDIX(R) System
enter command:
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

---

**Figure 3-5. DEFINITY AUDIX Administration Screen**



**NOTE:**

The back-up of DEFINITY AUDIX data takes between 30 and 60 minutes, depending on the size of the files.

2. Type **reset system oa&m** and press **[ENTER]**.

The system displays the Reset System OA&M screen (Figure 3-6).

---

```
denvercl Active Alarms: A Thresholds: none Logins: 1
reset system oa&m Page 1 of 1
RESET SYSTEM OA&M
```

WARNING - Pressing [Enter] now causes the system to be reset to the OA&M state.  
The reset cannot be cancelled after [Enter] has been pressed.

The reset will be performed in a camp-on manner.

Press [Cancel] to avoid doing the reset.

---

```
enter command: reset system oa&m
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

---

**Figure 3-6. Reset System OA&M Screen**

3. Press **[F3]** (Enter).

The system stops all calls and the cursor returns to the DEFINITY AUDIX command line.

4. Login as craft.
5. Type **add tape**.
6. Enter a new name in the **Volume Name** field.

The system saves the new name and the cursor returns to the command line.

7. Type **save nightly** and press **ENTER**.

The system displays the Save Nightly screen (Figure 3-7).

---

```
denvercl Active Alarms: A Thresholds: none Logins: 1
save nightly Page 1 of 1
SAVE NIGHTLY
```

Status of most recent "save nightly" backup: completed

```
Press [ENTER] to execute or press [CANCEL] to abort
enter command: save nightly
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

---

### Figure 3-7. Save Nightly Screen

8. Press **ENTER** (Enter) to run the nightly backup.

The tape is rewound so that previous data is erased. The back-up begins and the cursor returns to the command line.

**⇒ NOTE:**

Check the status periodically using the **status tape** command. You can also use the **display admin** command to clear the adm "A" on the status line.

9. When the nightly back-up is complete (the elapsed time depends on the size of the system), enter **save weekly**.

The system displays the Save Weekly screen (Figure 3-8).

---

```
denvercl Active Alarms: A Thresholds: none Logins: 1
save weekly Page 1 of 1
SAVE WEEKLY
```

Status of most recent "save weekly" backup: completed

```
Press [ENTER] to execute or press [CANCEL] to abort
enter command: save weekly
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage
```

---

**Figure 3-8. Save Weekly Screen**

10. Press **(F3)** (Enter) to run the weekly back-up.

The backup begins and the cursor returns to the command line.



**NOTE:**

Check the status periodically using the **status tape** command or the **display admin** command.

11. Enter **save voice**.

The system displays the Save Voice screen (Figure 3-9).

```
remove tape
save voice Page 1 of 1
 SAVE VOICE

 Status of most recent "save voice" backup: not run

Press [ENTER] to execute or press [CANCEL] to abort
enter command: save voice
```

---

**Figure 3-9. Save Voice Screen**

12. Press **[F3]** (Enter) to run the voice back-up.

The back-up begins and the cursor returns to the command line.



**NOTE:**

Check the status periodically using the **status tape** command or the **display admin** command.

13. When the back-up is complete (it takes approximately 20 to 30 minutes), enter **remove tape**.

The system displays the Remove Tape screen (Figure 3-10).

```
remove tape Page 1 of 1
 Page 1 of 1
 TAPE
Tape Drive Location: 03C1401
 Volume Type: backup
 Volume Name: alpha.backup 9/17
Software Release: Release 3.2, Issue 1
 Machine Name: denverc1
 Creation Date: 09/17/95
 Status of most recent "add tape" operation: completed

Press [Enter] to execute or [Cancel] to abort
enter command: remove tape
```

---

**Figure 3-10. Remove Tape Screen**

14. Press **F3** (Enter).
15. Remove the tape from the external tape drive.
16. Enter **reset system shutdown** to shut down the DEFINITY AUDIX system.
17. Verify that the DEFINITY AUDIX is shut down. Then, remove it from the system, remove the short cable, and reinstall the tape drive.
18. Reassemble the DEFINITY AUDIX migration kit.

## Task 6 — Install the Migration Software

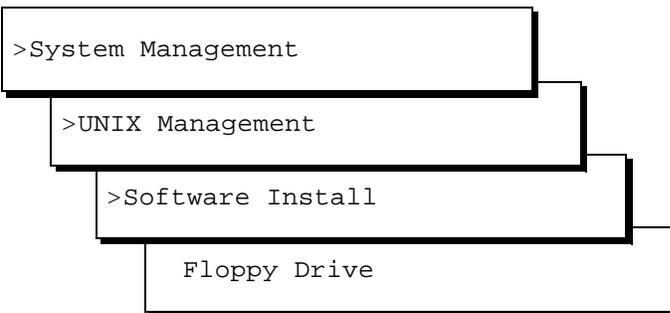
---

**⇒ NOTE:**

You must load the migration software contained in the DEFINITY AUDIX upgrade kit.

The INTUITY AUDIX system uses the migration software to read the DEFINITY AUDIX back-up tapes, retrieve data, and format the data for the INTUITY AUDIX system. To load the migration software:

1. Locate the floppy disk that contains the migration software. This disk is shipped with the DEFINITY AUDIX upgrade kit.
2. Starting at the Customer/Services Administration menu, select:



The system displays the following prompts:

```
Insert a diskette into Floppy Drive 1.
Type [go] when ready
or [q] to quit: (default: go)
```

3. Insert the diskette into the floppy drive and press **ENTER**.

The system displays the following:

```
Installation in progress. Do not remove the diskette.
The following package is available:
 1 mig Migrations
 [AUDIX] 4.X-X
Select package(s) you wish to process [or 'all' to
process all packages). (default: all) [?,??,q]:
```

4. Press **[ENTER]**.

The system installs the software and then displays the following message

Installation of Migration (mig) was successful

Press **q** to quit.

5. Remove the diskette from the floppy drive.
6. Press **[F6]** (Cancel) until you return to the Lucent INTUITY main menu.
7. Log off the system.

**⇒ NOTE:**

The system does not display the Migration menu option on the Lucent INTUITY main menu until you log on to the system.

## Task 7 — Preadminister the INTUITY AUDIX System

Before you transfer data from the DEFINITY AUDIX to the INTUITY AUDIX system, you must ensure that the INTUITY AUDIX system is preadministered to match the DEFINITY AUDIX system for:

- Extension length
- Networked machines

### Extension Length

**⇒ NOTE:**

You must set the extension length before you begin the migration.

1. From the Lucent INTUITY main menu, select the Switch Interface Administration menu option.

The system displays the Switch Interface Administration screen (Figure 3-11).

```

Switch Interface Administration
Switch Link Type: DCIU Switch Release: System 75 type
Extension Length: 4
Host Switch Number: 1
AUDIX Number: 1

 HOST SWITCH LINK ASSIGNMENTS
Switch AUDIX Port
Number Logical Switch
1 1 59
3
5
7
9
11
13
15
17
19

 AUDIX Port
Switch Logical Switch
Number Channel Port
2
4
6
8
10
12
14
16
18
20

extension length ranges from 3 to 5
1 HELP 2CHOICES 3 SAVE 4PREV-FRM 5NEXT-FRM 6 CANCEL 7

```

**Figure 3-11. Switch Interface Administration Screen**

2. Compare the `Extension Length` field on the Switch Interface Administration screen and the `Extension Length` field on the DEFINITY AUDIX Machine Profile screen printout.

3. If the extension lengths match, press **F6** (Cancel) and go to the next section, Networked Machines.  
If the extension lengths do not match, press **TAB** to move the cursor to the **Extension Length** field and enter the extension length on the INTUITY AUDIX system.
4. Press **F3** (Save) to save the extension length change.  
The message `command successfully completed` appears.
5. Press **F6** (Cancel) to return to the Lucent INTUITY main menu.
6. If you changed the extension length, you must stop and restart the INTUITY machine. See Chapter 1, "Migrating from AUDIX R1", for information on stopping and restarting the voice system.

## **Networked Machines**

---

Before the data transfer, you must define the following in the INTUITY AUDIX system for any networked machines:

- Machine names
- Dial strings
- Extension ranges

In addition, you must enter:

- Machine names in the order of the voice IDs assigned to each machine on the DEFINITY AUDIX `list machine` screen.
- Placeholder machine names for any machines the customer plans to omit from the network or for voice IDs that are not in sequential order. This keeps the voice IDs the same for the machines that remain in the network.

### **CAUTION:**

*If you enter network machine names out of sequence or with the wrong voice IDs and then proceed with the data transfer, the network will operate improperly. To fix the problem, you must have the Remote Maintenance Center clear the database. Then, you must enter the machine names again and rerun the data transfer for remote users.*

Complete the following:

1. Start at the Lucent INTUITY main menu and select

```
> Networking Administration
```

```
>Remote Machine Administration
```

```
>AMIS Analog Machine
Administration
```

or

```
> Networking Administration
```

```
>Remote Machine Administration
```

```
>Digital Networking
Administration
```

The system displays the selected network machine administration screen.

2. Using the Lucent INTUITY AUDIX Digital Networking Administration or AMIS Analog Networking books, administer the selected networked machine.

**⇒ NOTE:**

The machine type defaults to amisac. If necessary, change the machine type to amisap so that it matches the AUDIX R1.

**⇒ NOTE:**

You may need to alternate between the AMIS and digital administration screens if the sequence of voice IDs alternates between the AMIS and digital network machines on the AUDIX R1 system.

3. Set the digital networking administration screens. These screens must be entered in voice ID order.
4. Change the connection type.
5. Enter the customer-supplied password. If the passwords are not known, the passwords for the entire network must be changed. Contact Professional Services.

**⇒ NOTE:**

Ignore the Channel field. The INTUITY will find and enter the correct value.

6. Enter the correct machine type. Compare this to the DEFINITY AUDIX entries.
7. In the Send Multimedia Messages field, enter a **Y** or **N**, depending on whether or not the networked machine is multimedia-enabled.
8. Press **F3** (Save).
9. Repeat Steps 1 through 8 for each remote networked machine.
10. Press **F6** (Cancel) to return to the Lucent INTUITY main menu and select

```
> AUDIX Administration
```

The system displays the AUDIX Administration screen (Figure 3-12).

---

```
AUDIX Active Alarms: none Logins: 8
```

```
enter command:
```

---

**Figure 3-12. AUDIX Administration Screen**

11. Enter **change machine *machine\_name*** at the enter command: prompt.  
The system displays the Machine Profile screen (Figure 3-13) for the system you named.

```

drmid2 Active Alarms: mwa Logins: 2
Change machine drbig1 Page 1 of 2
MACHINE PROFILE

Machine Name: drbig1 Type: UEX Location: remote-digital
Voiced Name? n Extension Length: 5
Voice ID: 2 Default Community: 1

ADDRESS RANGES
Prefix Start Ext. End Ext. Warnings
1: mac3 82000 87999
2: _____ _____ _____
3: _____ _____ _____
4: _____ _____ _____
5: _____ _____ _____
6: _____ _____ _____
7: _____ _____ _____
8: _____ _____ _____
9: _____ _____ _____
10: _____ _____ _____

enter command: change machine drbig1

```

**Figure 3-13. Machine Profile Screen for a Remote System**

12. Using the AMIS Analog Networking book or the Digital Networking book, administer the extension range(s) for the selected networked machine. Refer to the printouts of the DEFINITY AUDIX networked machines as necessary.

It is not necessary for the migration to make changes to page 2 of the screen; however, if the customer is adding a digital network, you should set the parameters as appropriate.

13. Repeat steps 6 and 7 for each remote networked machine.

**⇒ NOTE:**

You may need to perform other tasks associated with networking. See the appropriate installation book for Lucent INTUITY Messaging Solutions R4.

14. Type **list machines** and press (F3) (Enter).  
The system displays the List Machine screen.
15. Verify that the voice IDs agree with the voice IDs in DEFINITY AUDIX.

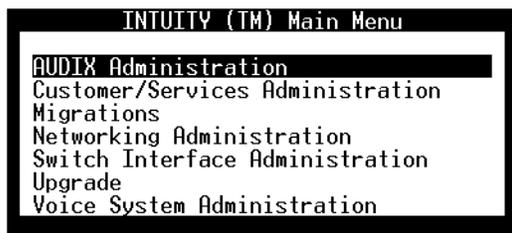
## Task 8 — Run the Data Transfer

---

Run the data transfer to move DEFINITY AUDIX user data to the INTUITY AUDIX system. The transfer of data can take 30 minutes to an hour to finish, depending on the number of users whose data is being transferred.

1. Log on to the INTUITY AUDIX system as craft.

The system displays the Lucent INTUITY main menu (Figure 3-14).

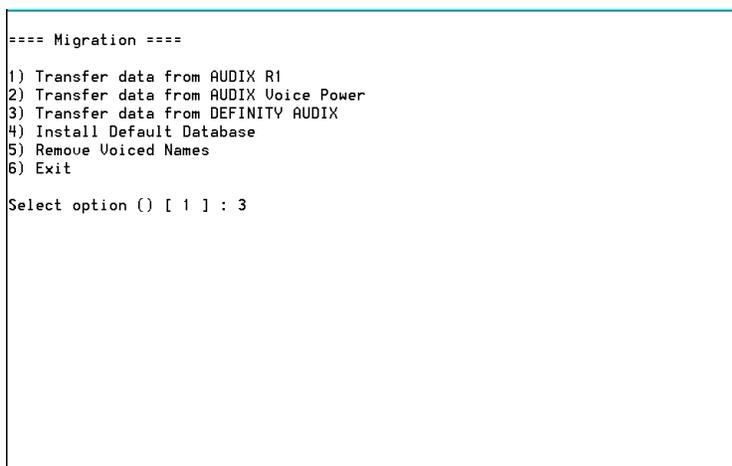


---

**Figure 3-14. Lucent INTUITY Main Menu**

2. Select the Migrations menu option.

The system displays the Migration menu (Figure 3-15).



---

**Figure 3-15. Migration Menu**

3. Enter **3**, Transfer data from DEFINITY AUDIX.

The system displays the Migration From DEFINITY AUDIX menu (Figure 3-16).

---

```
==== Migration From DEFINITY AUDIX ====
1) Migrate
2) Display Log File
3) Logout
Select option () [1] :
```

---

**Figure 3-16. Migration From DEFINITY AUDIX Menu**

4. Insert the DEFINITY AUDIX data back-up tape into the INTUITY system tape drive.
5. Type **1** and press **(ENTER)**.

The system displays the following messages:

```
Insert the tape that has the Definity Audix backup on it.
Wait until Retensioning/Rewinding is complete.
Press ENTER When the tape is ready.
```

6. Wait for the light on the tape drive to go out, and press **(ENTER)**. Then, follow the steps as shown on your computer screen.
7. Check the log files for errors when the process is complete.

## Task 9 — Verify the Transfer of Data

Once the data transfer is complete and you have restarted the voice system, you must verify that the user data has been transferred successfully. To verify the transfer of users, you should check the following:

- Two class-of-service numbers
- Five users extensions well-spaced throughout the range of users you transferred
- Five remote users (if any)
- Number of local and remote users
- Machine names and voice IDs
- Extension length

At the Lucent INTUITY main menu, select AUDIX Administration.

### Class-of-Service Numbers

1. Type **di cos *cos-number***, where *cos-number* is a class-of-service number, and press **ENTER**.

The system displays the Class-of-Service screens (Figure 3-17 and Figure 3-18).

```

AUDIX Active Alarms: MmWf Logins: 4
change cos 1 CLASS OF SERVICE Page 1 of 2

Name: Class01 COS Number: 1 Modified? n
Addressing Format: extension

Login Announcement Set: System
System Multilingual is OFF Call Answer Primary Annc. Set: System
Call Answer Language Choice? n Call Answer Secondary Annc. Set: System

PERMISSIONS
Type: call-answer Announcement Control? n Outcalling? n
Priority Messages? n Broadcast: none IMAPI Access? n
IMAPI Message Transfer? n Fax Creation? n Trusted Server Access? n

enter command: change cos 1
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

Figure 3-17. Class-of-Service Screen — Page 1

```
AUDIX Active Alarms: MmWA Logins: 5
display cos 1 Page 2 of 2
CLASS OF SERVICE

INCOMING MAILBOX Order: fifo Category Order: nuo
Retention Times (days), New: 10 Old: 10 Unopened: 10

OUTGOING MAILBOX Order: fifo Category Order: funda
Retention Times(days),File Cab: 10 Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 120 Minimum Needed: 40
Call Answer Message (seconds), Maximum Length: 120 Minimum Needed: 16

End of Message Warning Time (seconds): 0

Maximum Mailing Lists: 20 Total Entries in all Lists: 200
Mailbox Size (seconds), Maximum: 800 Minimum Guarantee: 0

enter command: display cos 1
```

**Figure 3-18. Class-of-Service Screen — Page 2**

2. Check that all of the data on the screens is correct. If the data is incorrect, you may need to rerun the data transfer.
3. Repeat Steps 1 and 2 for another class-of-service number.
4. Press **(F1)** (Cancel) to return to the command line.

### User Extensions

1. Type **di su *extension***, where *extension* is a user extension, and press **(ENTER)**.

The system displays the Subscriber screens (Figure 3-19 and Figure 3-20).

```

File Edit Scripts Controls Phones Options Help
STT03 Active Alarms: mwA Logins: 4
display subscriber 22004 Page 1 of 2
SUBSCRIBER
Name: John Locked? n
Extension: 22004 Password:
COS: def Miscellaneous:
Switch Number: 1 Covering Extension:
Community ID: 1 Broadcast Mailbox? n
Secondary Ext:
enter command: display subscriber 22004

```

**Figure 3-19. Subscriber Screen**

```

AUDIX Active Alarms: MmwA Logins: 4
change subscriber 80070 Page 2 of 2
SUBSCRIBER CLASS OF SERVICE PARAMETERS
Addressing Format: extension Login Announcement Set: System
System Multilingual is OFF Call Answer Primary Ann. Set: System
Call Answer Language Choice? n Call Answer Secondary Ann. Set: System

PERMISSIONS
Type: call-answer Announcement Control? y Outcalling? n
Priority Messages? y Broadcast: none IMAPI Access? y
IMAPI Message Transfer? y Fax Creation? y Trusted Server Access? y

INCOMING MAILBOX Order: fifo Category Order: nuo
Retention Times (days), New: 10 Old: 10 Unopened: 10
OUTGOING MAILBOX Order: fifo Category Order: unfda
Retention Times(days), File Cab: 10 Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 300 Minimum Needed: 32
Call Answer Message (seconds), Maximum Length: 120 Minimum Needed: 8
End of Message Warning Time (seconds):
Maximum Mailing Lists: 25 Total Entries in all Lists: 250
Mailbox Size (seconds), Maximum: 1200 Minimum Guarantee: 0
enter command: change subscriber 80070
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

**Figure 3-20. Subscriber Class-Of-Service Parameters Screen**

2. Check that all of the data on the screen is correct. If any of the data is incorrect, you may want to add the data manually or you may need to rerun the data transfer.
3. Repeat Steps 1 and 2 for four other users.
4. Press (F1) (Cancel) to return to the command line.

## Remote Users

---

1. Type **di re *machine name***, where ***machine*** is the name of one of the remote AMIS machines and ***name*** is the name of a remote user, and press **(ENTER)**.

The system displays the Remote Subscriber screen (Figure 3-21).

```
remove tape Page 1 of 1
 Page 1 of 1
 TAPE
Tape Drive Location: 03C1401
 Volume Type: backup
 Volume Name: alpha.backup 9/17
Software Release: Release 3.2, Issue 1
 Machine Name: denverc1
 Creation Date: 09/17/95
 Status of most recent "add tape" operation: completed

Press [Enter] to execute or [Cancel] to abort
enter command: remove tape
```

---

**Figure 3-21. Remote Subscriber Screen**

2. Check that all of the data on the screen is correct. If any of the data is incorrect, you may want to add the data manually or you may need to rerun the data transfer.
3. Repeat Steps 1 and 2 for four other remote users.
4. Press **(F1)** (Cancel) to return to the command line.

## Number of Local and Remote Users

1. Type **li me fe da** and press **(ENTER)**.

The system displays the List:Measurements:Feature:Day screen (Figure 3-22).

```

drnid2 Active Alarms: mWA Logins: 2
list measurements feature day Page 1
FEATURE DAILY TRAFFIC

Date : 06/18/96 Ending Time : 16:05
Maximum Average Ports in Use: 0.0
SUBSCRIBERS
 Local: 46 Remote: 744 Non Administered Remote: 9

 VOICE MAIL
Successful Logins, External: 0 Internal: 0
Failed Logins, External: 0 Internal: 0
Session Usage (Seconds) : 0

 CALL ANSWER
Completed Calls, External: 0 Internal: 0
Abandoned Calls, External: 0 Internal: 0
Session Usage (Seconds) : 0
Press [NextPage], [PrevPage] or [Cancel]
enter command: list measurements feature day

```

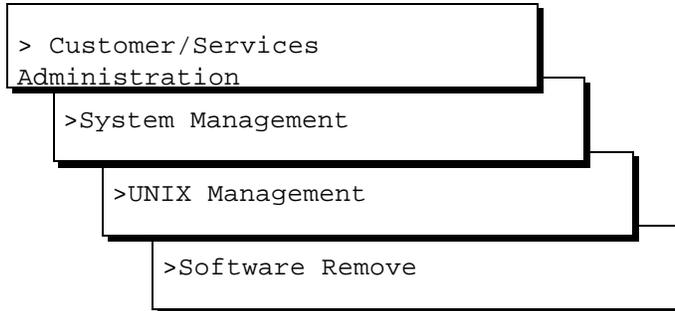
**Figure 3-22. List Measurements Feature Day Screen**

2. Compare the number of users in the `Subscribers`, `Local` field with the number of local users on the print-out of the DEFINITY AUDIX Feature Daily Traffic screen.
3. Compare the number of remote users in the `Subscribers Remote` field with the number of remote users on the print-out of the DEFINITY AUDIX Feature Daily Traffic screen.
4. Press **(F7)** (Cancel).  
The message `command successfully completed` appears and the cursor returns to the command line.

## Task 10 — Remove the Migration Software

To preserve disk space, remove the migration software when the migration is complete. Use the following steps:

1. Start at the Lucent INTUITY main menu (Figure 3-14) and select



The system displays the installed software list (Figure 3-23).

```

41 lp Printer Support
 <386> 1
42 machlog INTUITY AUDIX Logger Package
 <i486> i.1.0
43 maint INTUITY Maintenance Package
 <i486> i.1.0
44 mendrvr Memory driver edition C <CMendrvr> from Microport
 <486> i.1.0
45 mig Migrations
 <AUDIX> 4.0-8
46 mouse BUILT INTO THE BASE, CANNOT BE REMOVED.
 <>
47 mtce INTUITY Utilities Package
 <i486> i.1.0
48 multiusr Multi-user Set
 <386> 1
49 netcmds Commands Networking Extension
 <386> 1
50 netw Intuity Networking
 <486> 4.0-6

... 33 more menu choices to follow;
<RETURN> for more choices, <CTRL-D> to stop display:

```

**Figure 3-23. Software Installed List**

2. Press **ENTER** to scroll through the list until you find the number of the migration software.



**NOTE:**

The software is listed in alphabetical order.

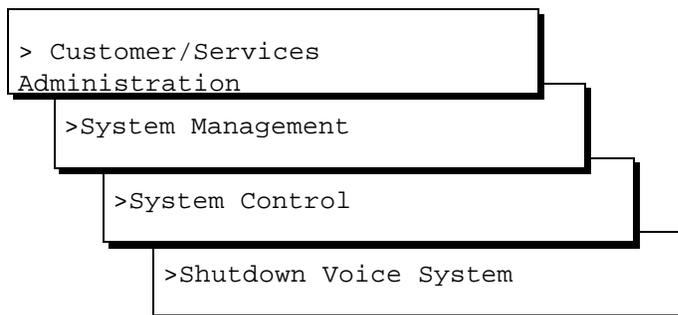
- When you have identified the number of the migration software, press **CTRL** **D**.  
The system displays the following prompt:  
Select package(s) you wish to process (or 'all' to process all packages). (default: all) [?,??,q]:
- Enter the item number of the migration software.  
The system displays the following prompt:  
The following package is current installed:  
mig Migrations  
(AUDIX) 4.x-x  
  
Do you want to remove this package [y,n,?,q]
- Type **y** and press **ENTER**.  
The system removes the migration package.
- Press **F7** (Cancel) to return to the System Management menu.

### Shutting Down the INTUITY AUDIX Voice System

---

After the completion of the data transfer, the INTUITY AUDIX voice system must be shut down.

- Start at the Lucent INTUITY main menu (Figure 3-14) and select



The system displays the following prompt:

Enter y to continue, n to quit

- Type **y**.
- After you see a message telling you to press **CTRL** **ALT** **DELETE** to reboot, turn off the machine.

## **Task 11 — Cable the INTUITY AUDIX System**

---

You must cable the INTUITY AUDIX system to the switch for the BX.25 connection. This procedure should be completed while the machine is off. Table 3-3 provides the tasks necessary for the cabling.

**Table 3-3. Cabling the Data Link Instructions**

| <b>Task</b> | <b>Description</b>                                                                                                                    | <b>Reference</b>                        |
|-------------|---------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
| 1.          | Disconnect the cabling from the DEFINITY AUDIX system.<br><br>Leave one end of the cable connected to the PI or PGATE (CL mode only). | <i>DEFINITY AUDIX Installation</i>      |
| 2.          | Connect the BX.25 cabling to the INTUITY AUDIX system.<br><br>This connection requires either an IDI or a modem connection.           | The installation book for your platform |
| 3.          | Turn on the Lucent INTUITY machine and log on.<br><br>This puts the INTUITY AUDIX system into service for the test stations.          | The installation book for your platform |

---

## Task 12 — Complete Administration of the Switch

Table 3-4 lists the switch administration tasks you must complete.

### NOTE:

Be sure to use the DEFINITY AUDIX hunt group for the INTUITY AUDIX system. You will avoid having to readminister user coverage paths on the switch.

**Table 3-4. Switch Administration Tasks**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Reference                                               |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 1.   | <p>Readminister the DEFINITY user stations and voice port hunt group (if DEFINITY AUDIX was in DP mode). This is necessary so that the message waiting lights light correctly.</p> <p>If the DEFINITY AUDIX system was in DP mode, you must do the following:</p> <ul style="list-style-type: none"> <li>■ Identify each user's station as a 2500 station with the LWC Reception field set to <b>AUDIX</b>, LWC activation set to <b>y</b>, and Redirect Notification set to <b>y</b> (Figure 3-24).</li> <li>■ Change the hunt group for the voice ports so that the Message Center name is <b>AUDIX</b>, not <b>none</b> (Figure 3-25).</li> </ul> | The appropriate Lucent INTUITY Switch Integration book  |
| 2.   | <p>Add the INTUITY AUDIX voice ports to the hunt group. This allows the customer's users to use the same phone number on the Lucent INTUITY system that they used for the DEFINITY AUDIX system. The DEFINITY AUDIX voice ports must be removed from this hunt group.</p>                                                                                                                                                                                                                                                                                                                                                                            | The appropriate Lucent INTUITY Switch Integration book. |
| 3.   | <p>Administer the data link (if not previously in CL Mode).</p> <p>The PI or PGATE circuit card must be administered.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | The appropriate Lucent INTUITY Switch Integration book  |

```

add station 12001 Page 1 of 1
 STATION
Extension: 12001 BCC: 0
 Type: 2500 Lock Messages: n COR: 1
Port: 01A0501 Security Code: ____ COS: 5
Name: AUDIX 1 Coverage Path: ____ Tests? n

FEATURE OPTIONS
LWC Reception? audix Coverage Msg Retrieval? n
LWC Activation? y Auto Answer? n
CDR Privacy? n Data Restriction? n
Redirect Notification? y Call Waiting Indication? n
Off Premise Station? n Att. Call Waiting Indication? n
R Balance Network? n Distinctive Audible Alert? n
Switchhook Flash? y Message Waiting Indicator: _
 Station Adjunct Supervision: y

AUDIX Name: AUDIX
Message Server Name: _____ Audible Message Waiting? n

```

**Figure 3-24. Sample User Station Screen**

```

add hunt-group 10 Page 1 of 6
 HUNT GROUP
Group Number:10 Group Extension: 12000 Group Type: ucd
Group Name: AUDIX Coverage Path: ____ COR?: 1
Security Code: ____ Message Center: audix ACD? n
Queue? y Night Service Destination: ____ Vector? n

ISDN Caller Disp: _____

Queue Length: 16
Calls Warning Threshold: __ Calls Warning Por: ____
Time Warning Threshold: ____ Time Warning Port: ____
First Announcement Extension: ____ First Announcement Delay (sec): ____

```

**Figure 3-25. Sample Hunt Group Screen**

## **Task 13 — Continue with Additional Installation Tasks**

---

To complete the migration, you (or the customer) must complete a number of additional installation tasks. These may include:

- Administering additional languages
- Testing alarms
- Administering remote terminals
- Administering modems
- Administering printers
- Backing up the system
- Administering analog networking
- Administering digital networking
- Administering remote machines

If the customer is responsible for these tasks, give the customer all printouts from the DEFINITY AUDIX system to assist in readministering the new system.

For more information, see the installation book for your platform.

In addition, if the customer has digital networking, the customer should manually run remote updates after digital networking has been readministered.

---

# Migrating from AUDIX Voice Power

# 4

---

## Overview

This chapter presents the information for a migration from AUDIX® Voice Power™ to the Lucent™ INTUITY™ system. The following AUDIX Voice Power releases can be migrated to the Lucent INTUITY system:

- Release 2.0
- Release 2.1
- Release 2.1.1 (also available from Integrated Solutions III)
- Release 3

## Purpose

These procedures are sequenced to minimize the time the customer is without voice messaging service.

## **Materials and Information Needed**

---

You need the following items to successfully complete an AUDIX Voice Power migration:

- Migration software
- Migration checklist
- Lucent INTUITY hardware
- A 3 1/2" 1.44-Mbyte floppy disk
- The following books:
  - The maintenance book for your platform
  - *INTUITY™ Integration with System 75 and DEFINITY Communications System Generic 1 and Generic 3*, 585-310-214
  - Appropriate installation book for Lucent INTUITY Messaging Solutions R4
  - The installation book for the customer's switch

## **Customer Verification**

---

Verify that the customer understands the following:

- User stations on the AUDIX Voice Power system may vary in extension lengths (extensions may have 3 to 5 digits).
- User names may have affixes such as Jr., Sr., III, or Dr. The affix is treated as a bona fide name. As a result, after the data transfer, the affix may appear out of proper sequence when displayed on the Lucent INTUITY system. This is because the Lucent INTUITY system lists user names with last names first. The AUDIX Voice Power system lists users' first names first. The transfer process moves any affixes to the first position, which should normally be the users' last names. The customer must manually change these names with affixes after the transfer.

You should also verify that the customer has:

- Readministered the switch so that station extension lengths match the proposed extension length on the Lucent INTUITY system. If a user's extension length does not match the length defined on the Lucent INTUITY system, that user's data will not migrate, nor can the user be added to the system until the extension length is changed.

In addition, if a user's personal operator number is 0, the personal operator number for that subscriber does not migrate. If a user's personal operator number is an extension whose length is different from that specified for Lucent INTUITY, the user's data will not migrate, nor can the user be added to the system until the length of the number is changed.

Therefore, the customer should have readministered each user to eliminate any personal operator number that can cause this problem.

## **Migration Checklist**

---

Table 4-1 shows the migration tasks, in the sequence they should occur, for a migration from an AUDIX Voice Power system to the Lucent INTUITY system.

**Table 4-1. Migration Checklist**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                              | <b>Page</b> | <b>✓</b> |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 1.          | Install the circuit card                                                                                                                                                                                                                                                                                                                                        | 4-4         |          |
| 2.          | Cable the switch                                                                                                                                                                                                                                                                                                                                                | 4-4         |          |
| 3.          | Cable the Lucent INTUITY voice ports                                                                                                                                                                                                                                                                                                                            | 4-5         |          |
| 4.          | Get the AUDIX Voice Power profile                                                                                                                                                                                                                                                                                                                               | 4-6         |          |
| 5.          | Back-up the AUDIX Voice Power data                                                                                                                                                                                                                                                                                                                              | 4-9         |          |
| 6.          | Preadminister the Lucent INTUITY system                                                                                                                                                                                                                                                                                                                         | 4-12        |          |
| 7.          | Install the migration software                                                                                                                                                                                                                                                                                                                                  | 4-17        |          |
| 8.          | Run the data transfer                                                                                                                                                                                                                                                                                                                                           | 4-18        |          |
| 9.          | Check the log file                                                                                                                                                                                                                                                                                                                                              | 4-21        |          |
| 10.         | Verify the transfer of data                                                                                                                                                                                                                                                                                                                                     | 4-24        |          |
| 11.         | Remove the migration software                                                                                                                                                                                                                                                                                                                                   | 4-29        |          |
| 12.         | Administer the Automated Attendant                                                                                                                                                                                                                                                                                                                              | 4-30        |          |
| 13.         | Administer the switch                                                                                                                                                                                                                                                                                                                                           | 4-31        |          |
|             | <p><b>⇒ NOTE:</b><br/>                     You should use the Digital Communications Protocol (DCP) extension for the AUDIX Voice Power system as the extension for the Lucent INTUITY hunt group. This allows users to dial into the Lucent INTUITY system using the same telephone number they previously used to dial into the AUDIX Voice Power system.</p> |             |          |

---

## **Task 1 — Install the Circuit Card**

The AUDIX Voice Power system does not require a BX.25 data link to the switch. Therefore, the switch may require a Data Communications Interface Unit (DCIU) or a PI or PGATE circuit card, depending on the type of switch. See the installation document for the customer's switch for more information on how to install these circuit cards.

## **Task 2 — Cable the Switch**

Table 4-2 lists what you need to do to cable the Lucent INTUITY system to the switch for the BX.25 connection.

**Table 4-2. Data Link Cabling Instructions**

| <b>Task</b> | <b>Description</b>                                                                                                                                  | <b>Reference</b>                                                                               |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| 1.          | Administer the data link.<br>The PI or PGATE board BX.25 connection must be administered.                                                           | The appropriate Lucent INTUITY Switch Integration book                                         |
| 2.          | Connect the BX.25 cabling to the Lucent INTUITY system.<br>This connection requires either an Isolating Data Interface (IDI) or a modem connection. | <i>INTUITY MAP/40 Hardware Installation</i><br>or <i>INTUITY MAP/100 Hardware Installation</i> |

## **Task 3 — Cable the Lucent INTUITY Voice Ports**

---

Cable the Lucent INTUITY system voice ports to the switch as you would with a new installation. See the installation book for the customer's switch and the installation book for your platform.

When you administer the voice ports, do one of the following:

- Create a new Lucent INTUITY hunt group, with a new extension number, and assign the voice ports to this hunt group. This allows the customer to administer automated attendants on the Lucent INTUITY system before activating the system.

**⇒ NOTE:**

After administering and testing the automated attendant(s) and completing the data transfer, you must assign the AUDIX Voice Power extension to the Lucent INTUITY hunt group.

- Do not create a new Lucent INTUITY hunt group until "Task 12 — Administer the Automated Attendants". This is the standard migration process if the customer wants to administer automated attendants after the migration is complete.

## Task 4 — Get the AUDIX Voice Power Profile

Table 4-3 displays the information you need from the AUDIX Voice Power system before you begin the migration. This information is available from the AUDIX Voice Power Helpline or from the customer's planning worksheets. If you do not have the above information needed for the profile, retrieve it from the AUDIX Voice Power system as described in the procedures below.

**Table 4-3. AUDIX Voice Power Screen Migration Information**

| <b>AUDIX Voice Power Screens</b> | <b>Information Needed</b>                           |
|----------------------------------|-----------------------------------------------------|
| Voice System Administration      | Release version of AUDIX Voice Power                |
| System Parameter Administration  | Maximum extension length of local AUDIX Voice Power |
| Subscriber Administration        | Format for user names                               |

### Voice System Administration Screen

1. Log into the AUDIX Voice Power machine as root.



**NOTE:**

The customer provides you with the password for the AUDIX Voice Power login of root.

2. At the AUDIX Voice Power command line, type **displaypkg** and press **(ENTER)**.  
The system displays a list of software packages.
3. Make a note of the release number of the AUDIX Voice Power software.
4. Press **(F6)** (Cancel) to return to the command line.
5. Type **exit** and press **(ENTER)** to log off.

## System Parameter Administration Screen

1. Log on to the AUDIX Voice Power machine as audix and select

```
> Voice System Administration
>Application Package Administration
>AUDIX Voice Power
>System Parameter Administration
```

The system displays the System Parameter Administration screen (Figure 4-1).

```
AUDIX Active Alarms: MmWA Logins:
features Page 1 of 4
SYSTEM-PARAMETERS FEATURES

LOG-IN PARAMETERS
Login Retries: 3 Consecutive Invalid Attempts: 18
System Guest Password: Minimum Password Length: 0

PASSWORD AGING LIMITS (DAYS)
Password Expiration Interval: 0 (0 for no password aging)
Minimum Age Before Changes: 0
Expiration Warning: 0 (0 for no warning)

INPUT TIME LIMITS (SECONDS)
Normal: 60 Full Mailbox Timeout: 5 Wait (*W): 180
Between Digits at Auto-attendant or Standalone Menu: 3 (3-12)

DISCONNECT OPTIONS
Quick Silence Disconnect? n Silence Limit? 30 (5-30 seconds)

change system-parameters features
```

---

**Figure 4-1. System Parameter Administration Screen**

2. Make a note of the value in the Maximum Extension Length field.
3. Press **[F6]** (Cancel) to return to the AUDIX Voice Power menu.

## Subscriber Administration Screen

---

1. Start at the AUDIX Voice power menu and select

```
> Subscriber Administration
```

The system displays the Subscriber Administration screen (Figure 4-2).

---

```
Subscriber Administration
Extension: _____
Name: _____
Password: _____
Name Addressing Identifier: _____
TT Equivalent of Name Addressing Identifier: _____
Mode of Addressing: Extension
Mailbox Size: _____ min
Personal Operator: _____
Comments: _____

Class of Service: 1

Custom Class of Service Parameters
Does the Subscriber Have Switch Call Coverage?: Yes
If No Call Coverage, Enter Maximum Rings: _____
Coverage Service: Call Answer
Outcalling Allowed?: Yes
```

---

**Figure 4-2. Subscriber Administration Screen**

2. Press **F8** (Change Keys) to display alternate key labels.
3. Press **F3** (Display Menu Options) to display the Option menu.
4. Select **Display**.
5. Make a note of whether user names are listed with first name first, first name last, or either way. If both methods are used, determine which is used most frequently.
6. Press **F6** (Cancel) until you log out of the AUDIX Voice Power system.

## Task 5 — Back-up the AUDIX Voice Power Data

---

You can back up the AUDIX Voice Power data in either of two ways: from the command line or by using the backup software provided. You will need to provide a blank floppy diskette to store the backup data in either case.

### Using the Backup Software

---

Use this procedure to back up AUDIX Voice Power data if you have the diskette labeled "AUDIX Voice Power Backup Software R1.0 for INTUITY AUDIX Migration".

1. Label the blank floppy diskette as AUDIX Voice Power migration data and add the current date.
2. Log on to the AUDIX Voice Power system as root.
3. Insert the diskette labeled "AUDIX Voice Power Backup Software R1.0 for INTUITY AUDIX Migration". This software ships with the INTUITY AUDIX software in the box with the other software.
4. Type **installpkg** and press **(ENTER)**.

The following text appears on the screen:

```
Confirm
Please indicate the installation medium you intend to
use.
```

```
Strike "C" to install from CARTRIDGE TAPE
or "F" to install from FLOPPY DISKETTE.
```

```
Strike ESC to stop.
```

5. Press **F**.

The system displays the following:

```
Confirm.
Please insert the floppy disk.
```

```
If the program installation requires more than one floppy
disk, be sure to insert the disks in the proper order,
starting with disk number 1.
```

```
After the first floppy disk, instructions will be
provided for inserting the remaining floppy disks.
```

```
Strike ENTER when ready
or ESC to stop.
```

6. Press `(ENTER)`.

The system displays the following:

```
Installation in progress - do not remove the floppy disk.
```

```
Moving files to proper directories...
```

```
Successfully installed files.
```

```
You may now remove the floppy disk.
```

```
The installation of the AUDIX Voice Power Backup Software
R1.0 for INTUITY AUDIX Migration is now complete.
```

7. Remove the floppy diskette containing the backup software and insert the blank floppy diskette.
8. Type **avpbackup** and press `(ENTER)`.

The following text appears on the screen:

```
Press ENTER when you have inserted the floppy to format
and put the backup on, or press q to quit.
```

9. Press `(ENTER)`.

The following text appears on the screen:

```
Formatting the floppy.
```

```
Successfully formatted the floppy.
```

```
Writing the data to the floppy.
```

```
.
```

```
.
```

```
.
```

```
/usr/vmdb/pkglist
```

```
/usr/vmdb/pwdb
```

```
.
```

```
.
```

```
.
```

```
Successfully backed up AUDIX Voice Power R2.1.1 data.
```

```
Remove and label the backup floppy then continue with the
migration.
```

### **From the Command Line**

---

You should only use this backup procedure if you do not have the diskette labeled "AUDIX Voice Power Backup Software R1.0 for INTUITY AUDIX Migration".

1. Label the blank floppy diskette as AUDIX Voice Power migration data and add the current date.
2. Log on to the AUDIX Voice Power system as root.

3. If your disk is formatted, go to Step 4. If your disk is unformatted, enter the following at the UNIX prompt:

**format /dev/rdisk/f03ht**

4. Enter the following at the command line(s):



**NOTE:**

Be sure to enter the command line that matches the release from which you are migrating.

- For Release 3:

**/avp/bin/util/sub\_dump>/usr/vmdb/pwdb**

**find /usr/vmdb -print | cpio -ocvBud > /dev/rdisk/f0**

- For Release 2.0, 2.1, or 2.1.1:

**find /usr/vmdb /usr/ocdb -print | cpio -ocvBud > /dev/rdisk/f0**

The system responds by loading the user information from the AUDIX Voice Power system onto the diskette.

5. Wait for the floppy diskette drive light on the AUDIX Voice Power to go out.
6. Remove the floppy diskette from the floppy drive.

## Task 6 — Preadminister the Lucent INTUITY System

Before you transfer data from the AUDIX Voice Power to the Lucent INTUITY system, you must ensure that the Lucent INTUITY system is administered to match the AUDIX Voice Power system for the:

- Extension length
- Range of extensions
- Outcalling

### Extension Length

1. Log on to the Lucent INTUITY system using the craft login.
2. Start at the Lucent INTUITY main menu and select

```
> Switch Interface Administration
```

The system displays the Switch Interface Administration screen (Figure 4-3).

```

Switch Interface Administration
Switch Link Type: DCIU Switch Release: System 75 type
Extension Length: 4
Host Switch Number: 1
AUDIX Number: 1

 HOST SWITCH LINK ASSIGNMENTS
Switch Logical Switch Switch Logical Switch
Number Channel Port Number Channel Port
 1 1 59 2
 3 1 59 4
 5 1 59 6
 7 1 59 8
 9 1 59 10
 11 1 59 12
 13 1 59 14
 15 1 59 16
 17 1 59 18
 19 1 59 20

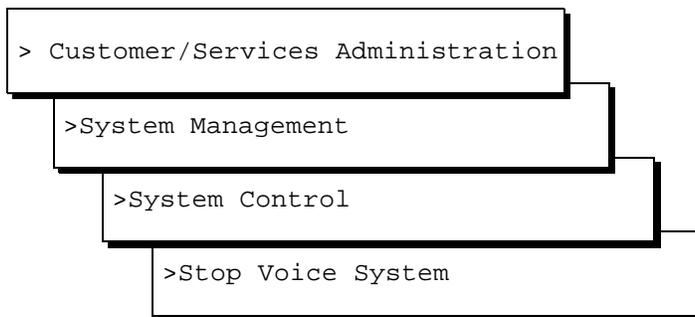
```

extension length ranges from 3 to 5

1 **HELP** 2 **CHOICES** 3 **SAVE** 4 **PREV-FRM** 5 **NEXT-FRM** 6 **CANCEL** 7 **END** 8 **CHG-KEYS**

**Figure 4-3. Switch Interface Administration Screen**

3. Verify that the Extension Length: field on the Switch Interface Administration screen and the Maximum Extension Length: field on the AUDIX Voice Power System Administration screen are the same.
4. If the extension lengths match, press **F6** (Cancel) and go to Step 6.  
If the extension lengths do not match, press **TAB** to move the cursor to the **Extension Length** field, and enter the extension length on the AUDIX Voice Power system.
5. Press **F3** (Save) to save the extension length change.  
The system displays the Update DCIU Output screen with the message **Update Successful**
6. Press **F6** (Cancel) to return to the Switch Interface Administration screen and select



The system displays the Wait Time window (Figure 4-4):



---

**Figure 4-4. Wait Time Window**

7. Enter the number of seconds (60 to 600) that the system should wait to clear current calls before stopping the voice system.



**NOTE:**

Sixty seconds is recommended.

8. Press **F3** (Save).

The following text appears on the screen:

The Voice System is now stopping.

Initiating request to clear all calls in the next XXX seconds.

Orderly idling of system succeeded.

The AUDIX(R) module is being stopped. Please wait.



**CAUTION:**

*You cannot access the AUDIX Administration screens while the voice system is stopped or shut down.*

Additional text appears on the screen until the system displays the following prompt:

Press RETURN to continue.

9. Press **ENTER**.

The System Control menu appears.

10. Select the Start Voice System menu option.

The new extension length is stored for use. The following text appears on the screen to verify the system is restarting.

The Voice System is starting

INIT: New run level 4

NOTICE: \*\*\*    \*\*\*    \*\*\*    rmiReset    \*\*\*    \*\*\*    \*\*\*

The system displays additional messages about initialization and checks. Finally, the following prompt appears:

Hit acknowledge key to continue.

11. Press **F1** (Acknowledge Message) to return to the System Control menu.
12. Press **F6** (Cancel) to return to the Lucent INTUITY main menu.

## Range of Extensions

1. At the Lucent INTUITY main menu, select AUDIX Administration.  
A blank AUDIX screen appears.
2. Type **change machine** and press (ENTER).



### NOTE:

Since you do not enter a machine name, the system automatically selects the local machine.

The system displays the Machine Profile screen (Figure 4-5).

```

AUDIX Active Alarms: MmWA Logins: 4
display machine Page 1 of 2
 MACHINE PROFILE
Machine Name: local Type: local Location: local
Voiced Name? n Extension Length: 5
Voice ID: 0 Default Community: 1
ADDRESS RANGES
Prefix Start Ext. End Ext. Warnings
1:
2:
3:
4:
5:
6:
7:
8:
9:
10:
00000 99999
enter command: display machine

```

**Figure 4-5. Machine Profile Screen**

3. Verify that the `Start Ext.` and `End Ext.` fields contain the number of digits equal to the extension length. For example, if the extension length is 5, the `Start Ext.` column should contain 5 digits (example: 00000) and the `End Ext.` column should contain 5 digits (example: 99999).

If the digits in the `Start Ext.` and `End Ext.` fields do not have the correct number of digits, type the correct number of zeros in the `Start Ext.` field and the correct number of nines in the `End Ext.` field.

4. Press (F3) (Enter) to save the new start and end extensions.

The message `command successfully completed` appears, and the cursor returns to the command line.

## Outcalling

1. Type **ch sy o** and press **(ENTER)**.

The system displays the System-Parameters Outcalling screen (Figure 4-6).

```
AUDIX Active Alarms: MmWA Logins:
system-parameters outcalling Page 1 of 1
SYSTEM-PARAMETERS OUTCALLING

Outcalling Active? y

Start Time End Time Interval Maximum Simultaneous
(hh:mm) (hh:mm) (hh:mm) Ports
1: 00:00 23:59 00:15 1
2: : : :
3: : : :

Initial Delay (mins): 0
Maximum Number Digits: 29

change system-parameters outcalling
```

**Figure 4-6. System-Parameters Outcalling Screen**

2. Move the cursor to the Outcalling Active? field.
3. If this field contains a **y**, go to Step 6.
4. If this field does not contain a **y**, enter **y**.
5. Press **(F3)** (Save).

The cursor returns to the command line, and the message `command successfully completed` appears.

6. Type **exit** and press **(ENTER)**.

The system displays the Lucent INTUITY main menu.

## Task 7 — Install the Migration Software

---

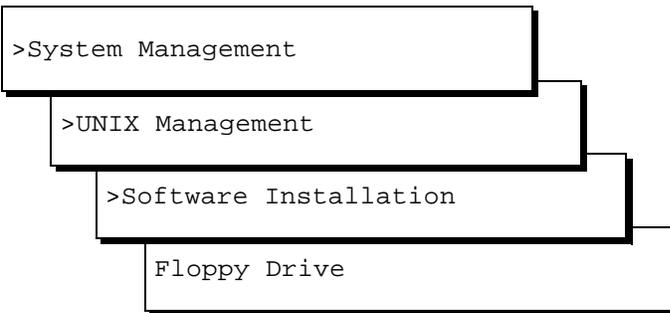
If “Migrations” is not listed on the Lucent INTUITY main menu, then the migration software has not been installed on the Lucent INTUITY system. You can install the software by doing the following:

1. Locate the migration floppy disk.

**⇒ NOTE:**

This disk was shipped with the INTUITY AUDIX system in the box containing the software. If you do not have this software, contact the Remote Service Center.

2. Starting at the Customer/Services Administration menu, select



The system displays the following prompts:

```
Insert a diskette into Floppy Drive 1.
Type [go] when ready or [q] to quit: (default: go)
```

3. Insert the first diskette floppy drive and press **ENTER**.

The system displays the following prompts:

```
Installation in progress. Do not remove the diskette.
The following package is available:
 1 mig Migrations
 [AUDIX] 4.X-X
Select package(s) you wish to process [or 'all' to
process all packages] (default: all) [?,??,q]:
```

4. Press **(ENTER)**.

The system responds by installing the software. While the software is being installed, the system lights the LED on the floppy disk drive.

When the system is finished installing the software, check for the message:

```
Installation of Migration (mig) was successful
```

Press **q** to quit.

5. Remove the migration software diskette from the floppy drive.
6. Press **(F6)** (Cancel) until you log out of the Lucent INTUITY system.
7. Log on to the Lucent INTUITY system using the craft login.

**⇒ NOTE:**

The system does not display the Migration menu option on the Lucent INTUITY main menu until you log back on to the system.

## **Task 8 — Run the Data Transfer**

---

Run the data transfer to move AUDIX Voice Power user data to the Lucent INTUITY system. The time it takes for the transfer of data varies, depending on the number of users whose data is being transferred.

1. From the Lucent INTUITY main menu, select the Migrations option.  
The system displays the Migration menu (Figure 4-7).

```
==== Migration ====
1) Transfer data from AUDIX R1
2) Transfer data from AUDIX Voice Power
3) Transfer data from DEFINITY AUDIX
4) Install Default Database
5) Remove Voiced Names
6) Exit
Select option () [1] : 3
```

---

**Figure 4-7. Migration Menu**

2. Type **2** and press `(ENTER)`.  
The system displays the following message:  
Migrating to Intuity AUDIX R4.X. Press Enter to continue
3. Press `(ENTER)`.  
The system displays  
Migrating to Intuity AUDIX R4.X.  
Press Enter to continue
4. Press `(ENTER)`.  
The system displays the Migration From AVP menu (Figure 4-8).

---

```
==== Migration From AVP ====
1) Migrate
2) Display Error File
3) Logout
Select option () [1] :
```

---

**Figure 4-8. Migration From AVP Menu**

5. Insert the AVP back-up diskette into the floppy drive.
6. Type **1** and press `(ENTER)`.  
The system displays the following prompt:  
COS ( ) [ 0 ] :
7. Enter the default class-of-service number for each user and press `(ENTER)`.  
The system displays the following prompt:  
Switch Number ( ) [ 0 ] :
8. Enter the number of the users' local switch (as defined on the INTUITY 4.n Switch Interface Administration screen) and press `(ENTER)`.  
The system displays the following prompt:  
Community ID ( ) [ 1 ] : 1
9. Enter the default community ID (community sending restrictions) for the migrated users and press `(ENTER)`.  
The system displays the following prompt:  
Software Release (2.0 2.1 2.1.1 3.0) [ 2.0 ] :

10. Enter the release number for the customer's AUDIX Voice Power system and press `(ENTER)`.

The system displays the following prompt:

```
default subscriber password () []:
```

11. Enter the default password and press `(ENTER)`.



**NOTE:**

See the customer's system administrator for this password.



**CAUTION:**

*You must enter a number for the default password. The number '1' is recommended. The following password schemes cannot be used: consecutive digits (1234), repeating digits (1111), and passwords that match any subscriber's extension. Use the minimum password length so that users must change the default password.*

The system displays the following prompt:

```
Please re-enter password.
```

12. Re-enter the default password and press `(ENTER)`.

The system displays the following prompt:

```
What format is used for subscriber names on the AVP
backup disk?
```

```
1) last name first
```

```
2) first name first
```

```
enter a number: (1 2)[1]:
```

13. Enter the number corresponding to the customer's AUDIX Voice Power user-naming format and press `(ENTER)`.

The system displays the following prompt.

```
Are these values correct? (y n) [n]
```

14. Type **y** and press `(ENTER)`.

The system displays the following

```
Insert the floppy disk with the AUDIX Voice Power backup
on it.
```

```
Press ENTER when the floppy is inserted.
```

```
Press enter to continue...
```

15. Press `(ENTER)`.

The system retrieves the data and displays the following

```
Migration Completed. Check Error Log (Option 2) for
errors.
```

```
Press enter to continue ...
```



**Table 4-4. Common Error Codes**

| Code      | Description                                                                                    |
|-----------|------------------------------------------------------------------------------------------------|
| 6         | Bad data. Values are outside the permitted range.                                              |
| 61        | Extension lengths for the AUDIX Voice Power system and the Lucent INTUITY system do not match. |
| 1023      | A value is out of range.                                                                       |
| 1025      | The extension already exists in the Lucent INTUITY system.                                     |
| bad field | Quotation marks appear in a user's data.                                                       |

4. Press **(ENTER)** twice to return to the Migration From AVP menu.
5. Type **3** and press **(ENTER)** to exit the Migration from AVP menu.  
The system displays the Migration Menu.
6. Type **6** and press **(ENTER)** to exit the Migration menu.  
The system displays the Lucent INTUITY main menu.

**NOTE:**

To exit the log file before you reach the end, enter **q** at the colon (:).

### **How to Print the Log File**

---

To print the log file:

1. Connect a printer to your Lucent INTUITY system terminal using the appropriate port for your parallel or serial printer.

You can connect any of the following printers:

- AT&T 570 series of terminals
- AT&T 593
- AT&T 595
- NCR 6417

**NOTE:**

If you connect a serial printer to the DTE connection on a 715 terminal, you must use a null modem cable between the terminal and the printer.

2. Start at the Migration From AVP menu, type **2** and press **(ENTER)**.  
The system displays the log file.

3. At the end of the file, press `[ENTER]`.

The system displays the following

```
To print the logfile, type p else press [enter] to
continue.
```

4. Type **P** and press `[ENTER]`

- If a printer is active, the system displays the following

```
request id is lp1-9 (1 file)
```

```
Log file sent to printer. Press [enter] to
continue
```

- If no printer is active, the system displays the following:

```
There is no default destination printer set.
Cannot print the logfile.
```

```
Press [enter] to continue.
```

**⇒ NOTE:**

Administer the printer using the Printer Administration menu.

### **Restart the Lucent INTUITY Voice System**

Once the data transfer has been completed, you must restart the Lucent INTUITY voice system.

1. Start at the Lucent INTUITY main menu and select

```
> Customer/Services Administration
```

```
>System Management
```

```
>System Control
```

```
>Start Voice System
```

The system displays the following

```
The Voice System is starting.
```

```
INIT: New run level 4
```

```
NOTICE: *** *** *** rmiReset *** *** ***
```

```
Hit acknowledge key to continue.
```

2. Press **(F1)** (Acknowledge Message).  
The system displays the System Control menu.
3. Press **(F6)** (Cancel) three times to return to the Lucent INTUITY main menu.

## **Task 10 — Verify the Transfer of Data**

You must now verify that the user data has been transferred successfully. Check the following:

- List of users
- Two class-of-service numbers
- Five users extensions (well-spaced throughout the range of users you transferred)

### **List of Users**

1. Start at the Lucent INTUITY main menu and select

```
> AUDIX Administration
```

The system displays the AUDIX Administration screen.

2. Type **li me fe da** and press **(ENTER)**.  
The system displays the List:Measurements:Feature:Day screen (Figure 4-10).

```
drmid2 Active Alarms: mva Logins: 2
list measurements feature day Page 1
FEATURE DAILY TRAFFIC
Date : 06/18/96 Ending Time : 16:05
Maximum Average Ports in Use: 0.0
SUBSCRIBERS
Local: 46 Remote: 744 Non Administered Remote: 9
VOICE MAIL
Successful Logins, External: 0 Internal: 0
Failed Logins, External: 0 Internal: 0
Session Usage (Seconds) : 0
CALL ANSWER
Completed Calls, External: 0 Internal: 0
Abandoned Calls, External: 0 Internal: 0
Session Usage (Seconds) : 0
Press [NextPage], [PrevPage] or [Cancel]
enter command: list measurements feature day
```

---

**Figure 4-10. List Measurements Feature Day Screen**



**NOTE:**

The number of users should be within 90 percent of the number of local users on AUDIX Voice Power.

3. Press (F) (Cancel) to return to the AUDIX Administration screen.

### **Class-of-Service Numbers**

---

1. Start at the Lucent INTUITY main menu and select

```
> AUDIX Administration
```

The system displays the AUDIX Administration screen.

2. Type **di cos cos-number**, where *cos-number* is the class-of-service, and press (ENTER).

The system displays the Class-of-Service screens (Figure 4-11 and Figure 4-12).

```

AUDIX Active Alarms: MmWA Logins: 4
change cos 1 Page 1 of 2
CLASS OF SERVICE

Name: class01 COS Number: 1 Modified? n
Addressing Format: extension

System Multilingual is OFF Login Announcement Set: System
Call Answer Primary Annc. Set: System
Call Answer Language Choice? n Call Answer Secondary Annc. Set: System

PERMISSIONS
Type: call-answer Announcement Control? n Outcalling? n
Priority Messages? n Broadcast: none IMAPI Access? n
IMAPI Message Transfer? n Fax Creation? n Trusted Server Access? n

enter command: change cos 1
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

**Figure 4-11. Class-of-Service Screen — Page 1**

```

AUDIX Active Alarms: MmWA Logins: 5
display cos 1 Page 2 of 2
CLASS OF SERVICE

INCOMING MAILBOX Order: fifo Category Order: nuo
Retention Times (days), New: 10 Old: 10 Unopened: 10

OUTGOING MAILBOX Order: fifo Category Order: funda
Retention Times(days),File Cab: 10 Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 120 Minimum Needed: 40
Call Answer Message (seconds), Maximum Length: 120 Minimum Needed: 16

End of Message Warning Time (seconds): 0

Maximum Mailing Lists: 20 Total Entries in all Lists: 200
Mailbox Size (seconds), Maximum: 800 Minimum Guarantee: 0

enter command: display cos 1

```

**Figure 4-12. Class-of-Service Screen — Page 2**

3. Verify that all of the data on the screens is correct.
  - If the data is incorrect, you may need to rerun the data transfer.
  - See "Task 9 — Check the Log File" for further information.
4. Repeat Steps 2 and 3 for another class-of-service number.
5. Press **(F1)** (Cancel) to return to the command line.

## User Extensions

---

1. Start at the Lucent INTUITY main menu and select

```
> AUDIX Administration
```

The system displays the AUDIX Administration screen.

2. Type **di su extension**, where *extension* is the user extension, and press **(ENTER)**.

The system displays the Subscriber screens (Figure 4-13 and Figure 4-14).

---

```
AUDIX Active Alarms: MmWA Logins: 3
display subscriber 18906 Page 1 of 2
SUBSCRIBER
Name: Anderson, Nichole Locked? n
Extension: 18906 Password:
COS: def Miscellaneous:
Switch Number: 0 Covering Extension:
Community ID: 10 Broadcast Mailbox? n
Secondary Ext:

enter command: display subscriber 18906
```

---

**Figure 4-13. Subscriber Screen**

```

AUDIX Active Alarms: MmWA Logins: 4
change subscriber 80070 Page 2 of 2
SUBSCRIBER CLASS OF SERVICE PARAMETERS
Addressing Format: extension Login Announcement Set: System
System Multilingual is OFF Call Answer Primary Annc. Set: System
Call Answer Language Choice? n Call Answer Secondary Annc. Set: System

PERMISSIONS
Type: call-answer Announcement Control? y Outcalling? n
Priority Messages? y Broadcast: none IMAPI Access? y
IMAPI Message Transfer? y Fax Creation? y Trusted Server Access? y

INCOMING MAILBOX Order: fifo Category Order: nuo
Retention Times (days), New: 10 Old: 10 Unopened: 10
OUTGOING MAILBOX Order: fifo Category Order: unfda
Retention Times(days), File Cab: 10 Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 300 Minimum Needed: 32
Call Answer Message (seconds), Maximum Length: 120 Minimum Needed: 8
End of Message Warning Time (seconds):
Maximum Mailing Lists: 25 Total Entries in all Lists: 250
Mailbox Size (seconds), Maximum: 1200 Minimum Guarantee: 0

enter command: change subscriber 80070
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

**Figure 4-14. Subscriber Class-Of-Service Parameters Screen**

3. Verify that all of the data is on the screen is correct.
4. Repeat Steps 2 and 3 for four other users.
5. Press **(F7)** (Cancel) to return to the command line.

The system displays the following:

```
command successfully completed
```

6. Type **exit** and press **(ENTER)**.

The system displays the Lucent INTUITY main menu.

## **Task 11 — Remove Migration Software**

To preserve disk space, remove the migration software when the migration is complete.

To remove the software, do the following

1. Start at the Lucent INTUITY main menu and select

```
> Customer/Services Administration
>System Management
>UNIX Management
>Software Remove
```

The system displays the Installed Software List (Figure 4-15).

---

```
41 lp Printer Support
 <386> 1
42 machlog INTUITY AUDIX Logger Package
 <i486> i.1.0
43 maint INTUITY Maintenance Package
 <i486> i.1.0
44 mendrvr Memory driver edition C <CMendrvr> from Microport
 <486> i.1.0
45 mig Migrations
 <AUDIX> 4.0-8
46 mouse BUILT INTO THE BASE, CANNOT BE REMOVED.
 <>
47 mtce INTUITY Utilities Package
 <i486> i.1.0
48 multiusr Multi-user Set
 <386> 1
49 netcnds Commands Networking Extension
 <386> 1
50 netw Intuity Networking
 <486> 4.0-6

... 33 more menu choices to follow;
<RETURN> for more choices, <CTRL-D> to stop display:
```

---

**Figure 4-15. Installed Software List**

2. Note the item number of the migration software and press **CTRL** **D**.  
The system displays the following prompt:  
`Select package(s) you wish to process (or 'all' to process all packages). (default: all) [?,??,q]:`
3. Enter the item number of the migration software.  
The system responds with following prompt:  
`Do you want to remove this package [y,n,?,q]`
4. Type **y** and press **ENTER**.  
The system removes the migration package.
5. Press **F7** (Cancel).  
The system displays the Lucent INTUITY main menu.

## **Task 12 — Administer the Automated Attendants**

---

If you administered the Lucent INTUITY system hunt group so that the customer could administer and test automated attendants before activating the system, the customer (or you, if contracted to do so) should administer the automated attendants. See "Automated Attendant and Bulletin Board," in *INTUITY™ Messaging Solutions Release 4 Administration*, 585-310-564 for complete instructions.

When you administer automated attendants, do the following:

- Record all greetings for attendant mailboxes.
- Verify that attendant menus are complete.
- Make test calls to the Lucent INTUITY system to verify that the attendants are administered correctly.

## Task 13 — Administer the Switch

To complete the migration, you must remove the AUDIX Voice Power DCP connection and create the Lucent INTUITY hunt group. Table 4-5 lists the switch administration tasks.

**⇒ NOTE:**

Be sure to reuse the AUDIX Voice Power extension for the Lucent INTUITY system. You can avoid having to readminister user coverage paths on the switch.

**Table 4-5. Final Switch Administration Tasks for Migration from AUDIX Voice Power**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                               | <b>Reference</b>                                                                                                   |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|
| 1.          | Remove the DCP Connection to AUDIX Voice Power system (AVP R2.1.1 and R3 only).<br><br>Remove the DCP station and extension that connects to the AUDIX Voice Power.                                              | <i>AUDIX Voice Power R2.1.1 Switch Notes for System 75 or AUDIX Voice Power R3 Switch Integration to System 75</i> |
| 2.          | Create a Lucent INTUITY hunt group (with old DCP extension, if any).<br><br>This allows the users to use the same telephone number on the Lucent INTUITY system that they used for the AUDIX Voice Power system. | The appropriate Lucent INTUITY Switch Integration book                                                             |
| 3.          | Assign Lucent INTUITY voice ports to hunt group.<br><br>This completes the connection of the switch to the Lucent INTUITY system.                                                                                | The appropriate Lucent INTUITY Switch Integration book                                                             |
| 4.          | Turn on the Lucent INTUITY machine and log on.<br><br>This puts the Lucent INTUITY system into service for the test stations.                                                                                    | The installation book for your platform                                                                            |



---

# Migrating from MERLIN LEGEND AUDIX Voice Power (IS II or IS III)

# 5

---

## Overview

---

The following chapter presents the information for a migration from a MERLIN LEGEND® AUDIX® Voice Power™ (IS II or IS III) system to an Lucent™ INTUITY™ system.

The following AUDIX Voice Power releases can be migrated to the Lucent INTUITY system:

- Release 2.0
- Release 2.1
- Release 2.1.1 (available also from Integrated Solutions III)
- Release 3

## Purpose

---

These procedures are sequenced to minimize the time the customer is without voice messaging service.

## **Materials and Information Needed**

---

You need the following items to successfully complete a migration from a MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Lucent INTUITY system:

- The migration software diskette (although this software may already be loaded on the system)
- Migration checklist
- A 3 1/2" 1.44 Mb floppy disk.
- The following books:
  - The maintenance book for your platform
  - *INTUITY™ Integration with MERLIN LEGEND Communications System*
  - Appropriate installation book for Lucent INTUITY Messaging Solutions R4.0
  - The installation book for the customer's switch

## **Customer Verification**

---

You should verify that the customer understands that:

- User stations on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system may vary in extension lengths.
- User names may have affixes such as Jr., Sr., III, or Dr. The affix is treated as a bona fide name. As a result, after the data transfer, the affix may appear out of proper sequence when displayed on the Lucent INTUITY system. The Lucent INTUITY system lists user names with last names first. The AUDIX Voice Power system lists users' first names first. The transfer process moves any affixes to the first position, which should normally be the users' last names. The customer must change these names with affixes manually after the data transfer.

You should also verify that the customer has:

- Readministered the switch so that station extension lengths match the proposed extension length on the Lucent INTUITY system. If a user's extension length does not match the length defined on the Lucent INTUITY system, that user's data will not migrate, nor can the user be added to the system until the extension length is changed.

In addition, if a user's personal operator number is 0, the personal operator number for that subscriber does not migrate. If a user's personal operator number is an extension whose length is different from that specified for Lucent INTUITY, the user's data will not migrate, nor can the user be added to the system until the length of the number is changed.

Therefore, the customer should have readministered each user to eliminate any personal operator number that can cause this problem.

## Migration Checklist

Table 5-1 shows the migration tasks, in the sequence they should occur, for a migration from a MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Lucent INTUITY system.

**Table 5-1. Migration Checklist**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                       | <b>Page</b> | <b>✓</b> |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------|
| 1.          | Create a temporary Lucent INTUITY system calling group.                                                                                                                                                                                                                                                                                                  | 5-4         |          |
| 2.          | Create an Lucent INTUITY system test coverage group.                                                                                                                                                                                                                                                                                                     | 5-4         |          |
| 3.          | Assign the temporary calling group to the test coverage group.                                                                                                                                                                                                                                                                                           | 5-4         |          |
| 4.          | Cable the Lucent INTUITY voice ports.                                                                                                                                                                                                                                                                                                                    | 5-5         |          |
| 5.          | Get the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) profile.                                                                                                                                                                                                                                                                                       | 5-6         |          |
| 6.          | Back-up the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) data.                                                                                                                                                                                                                                                                                      | 5-9         |          |
| 7.          | Preadminister the Lucent INTUITY system.                                                                                                                                                                                                                                                                                                                 | 5-12        |          |
| 8.          | Install the migration software.                                                                                                                                                                                                                                                                                                                          | 5-19        |          |
| 9.          | Run the data transfer.                                                                                                                                                                                                                                                                                                                                   | 5-20        |          |
| 10.         | Check the log file.                                                                                                                                                                                                                                                                                                                                      | 5-23        |          |
| 11.         | Verify the transfer of data.                                                                                                                                                                                                                                                                                                                             | 5-26        |          |
| 12.         | Remove the migration software.                                                                                                                                                                                                                                                                                                                           | 5-30        |          |
| 13.         | Administer the automated attendants.                                                                                                                                                                                                                                                                                                                     | 5-31        |          |
| 14.         | Move the voice port cabling.                                                                                                                                                                                                                                                                                                                             | 5-32        |          |
|             | <p><b>⇒ NOTE:</b><br/>           This allows users to continue dialing the same telephone number on the Lucent INTUITY system to get their messages as they dialed on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system. It also allows users to get old messages stored on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system.</p> |             |          |

## **Task 1 — Create a Temporary Lucent INTUITY System Calling Group**

---

You must create a temporary Lucent INTUITY system calling group. This allows you or the customer to readminister and test automated attendants on the Lucent INTUITY system prior to completing the migration. This calling group should use two voice ports that are removed from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) calling group. You can then use this calling group (and its ports) for the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system so that the customer's users can access old messages for a short period after the migration. See *INTUITY™ Integration with MERLIN LEGEND Communications System*,.

## **Task 2 — Create a Lucent INTUITY System Test Coverage Group**

---

So you or the customer can test any automated attendants that are readministered on the Lucent INTUITY system, it may be necessary to create a test coverage group with two stations. See *INTUITY Integration with MERLIN LEGEND*.

## **Task 3 — Assign the Temporary Calling Group to the Test Coverage Group**

---

You must assign the temporary Lucent INTUITY system calling group to the test coverage group so that calls move to the Lucent INTUITY system. See *INTUITY Integration with MERLIN LEGEND*.

## Task 4 — Cable the Lucent INTUITY Voice Ports

---

Table 5-2 lists the tasks for cabling two Lucent INTUITY system voice ports to the switch. See the installation book for the customer's switch and the installation book for your platform.

**Table 5-2. Cabling Tasks**

| Task                                                                                                                                                                                                                                                                                                                  | Reference                                                                                                                                                                                                     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Disconnect the two voice port cables on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine and connect them to the Lucent INTUITY machine.</p> <p>This allows you to test the Lucent INTUITY automated attendants using the voice ports from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III).</p> | <p><i>AUDIX Voice Power R2.1.1 Installation and Maintenance Guide</i></p> <p><i>AUDIX Voice Power Hardware Installation</i></p> <p>The appropriate IS II or IS III Installation and Maintenance document.</p> |
| <p><b>⇒ NOTE:</b><br/>The cables that you disconnect should be attached to the ports on the switch that you moved to the Lucent INTUITY system calling group.</p>                                                                                                                                                     | <p><i>INTUITY Integration with MERLIN LEGEND</i></p>                                                                                                                                                          |

---

## Task 5 — Get the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Profile

---

Table 5-3 lists the information you need from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine before you begin the migration. If you do not have this information, retrieve it from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) screens as described in procedures below.

**Table 5-3. MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Information Needed**

| Screen                          | Information Needed                                  |
|---------------------------------|-----------------------------------------------------|
| Display Installed Applications  | Version of AUDIX Voice Power                        |
| System Parameter Administration | Maximum extension length of local AUDIX Voice Power |
| Subscriber Administration       | Format for user names                               |

### Display Installed Applications Screen

---

1. Log on to the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine as maint.
2. Type **displaypkg** and press **(ENTER)**.  
The system displays a list of software packages.
3. Make a note of the release number of the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Application Software.
4. Press **(F6)** (Cancel) twice to return to the AUDIX Voice Power Administration menu.

## System Parameter Administration Screen

---

1. Select the following menu items:

```
>AUDIX Voice Power
```

```
>System Parameter Administration
```

The system displays the System Parameter Administration screen (Figure 5-1).

---

```
System Parameter Administration
System Operator Extension: _____
Pause for Touch Tone Input: 7 sec
Maximum Extension Length: 4
Transfer to Subscribers Only?: Yes
System Mode of Addressing: Extension
Maximum Message Length: 120 sec
General Mailbox Owner Extension: _____
Enable General Mailbox for Call Answer?: No
Allow Voice Mail/Call Answer Transfers?: Yes

Automated Attendant Parameters
Touch-tone Gate Active?: Day: No Night: No
Automated Attendant Timeout Action: Day: Transfer Night: Transfer
Automated Attendant Menu Plays: 2
Fax Transfer Number: _____
Present Options Before Leaving Message?: Yes
```

---

**Figure 5-1. System Parameter Administration Screen**

2. Make a note of the value in the Maximum Extension Length field.
3. Press **F6** (Cancel).

The system returns to the AUDIX Voice Power Administration menu.

## Subscriber Administration Screen

---

1. Select Subscriber Administration menu option.

The system displays the Subscriber Administration screen (Figure 5-2).

---

```
Subscriber Administration
Extension: _____
Name: _____
Password: _____
Name Addressing Identifier: _____
TT Equivalent of Name Addressing Identifier: _____
Mode of Addressing: Extension
Mailbox Size: _____ min
Personal Operator: _____
Comments: _____
Class of Service: 1
Custom Class of Service Parameters
Does the Subscriber Have Switch Call Coverage?: Yes
If No Call Coverage, Enter Maximum Rings: _____
Coverage Service: Call Answer
Outcalling Allowed?: Yes
```

---

**Figure 5-2. Subscriber Administration Screen**

2. Press **F8** (Change Keys) to display alternate key labels.
3. Press **F3** (Display Menu Options) to display the Option menu.
4. Select **Display**.
5. Make a note of the user name format. Note whether the names are listed with first name first, first name last, or in either way. If both methods are used, determine which is used most frequently.
6. Press **F6** (Cancel).

The system returns to the AUDIX Voice Power Administration menu.

## **Task 6 — Back-up the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) Data**

---

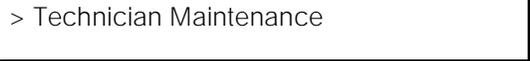
You can back up the MERLIN LEGEND AUDIX Voice Power data in either of two ways: from the command line or by using the backup software provided. You will need to provide a blank floppy diskette to store the backup data in either case.

### **Using the Backup Software**

---

Use this procedure to back up MERLIN LEGEND AUDIX Voice Power if you have the diskette labeled "AUDIX Voice Power Backup Software R1.0 for INTUITY AUDIX Migration."

1. Label the blank floppy diskette as MERLIN LEGEND AUDIX Voice Power (IS II or IS III) migration data and add the current date.
2. Select the following menu options:



> Technician Maintenance



>Full Screen UNIX

3. Insert the diskette labeled "AUDIX Voice Power Backup Software R1.0 for INTUITY AUDIX Migration". This software ships with the INTUITY AUDIX software in the box with the other software.
4. Type **installpkg** and press **(ENTER)**.

The system displays the following:

Confirm.

Please indicate the installation medium you intend to use.

Strike "C" to install from CARTRIDGE TAPE  
or "F" to install from FLOPPY DISKETTE.

Strike ESC to stop.

5. Press **F**.

The system displays the following:

Confirm.

Please insert the floppy disk.

If the program installation requires more than one floppy disk, be sure to insert the disks in the proper order, starting with disk number 1.

After the first floppy disk, instructions will be provided for inserting the remaining floppy disks.

Strike **ENTER** when ready  
or **ESC** to stop.

6. Press **(ENTER)**.

The system displays the following:

Installation in progress - do not remove the floppy disk.

Moving files to proper directories...  
Successfully installed files.

You may now remove the floppy disk.

The installation of the AUDIX Voice Power Backup Software  
R1.0 for INTUITY AUDIX Migration is now complete.

7. Remove the floppy diskette containing the backup software and insert the blank floppy diskette.
8. Type **avpbackup** and press **(ENTER)**.

The system displays the following:

Press **ENTER** when you have inserted the floppy to format  
and put the backup on, or press **q** to quit.



4. Enter the following at the UNIX prompt. Be sure to enter the command line that matches the release that you are migrating.

For Release 3.0:

```
/avp/bin/util/sub_dump>/usr/vmdb/pwdb
find /usr/vmdb -print | cpio -ocvBud > /dev/rdisk/f0
```

For Release 2.1 or Release 2.1.1:

```
find /usr/vmdb /usr/ocdb -print | cpio -ocvBud > /dev/rdisk/f0
```

The system responds by loading the user information from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) onto the disk.

5. Wait for the floppy drive light on the AUDIX Voice Power to go out.
6. Remove the floppy diskette from the drive.

## **Task 7 — Preadminister the Lucent INTUITY System**

---

Before you transfer data from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Lucent INTUITY system, you must ensure that the Lucent INTUITY system is administered to match the MERLIN LEGEND AUDIX Voice Power system for the following:

- Extension length
- Range of extensions
- Outcalling
- Transfer type
- Covering extension

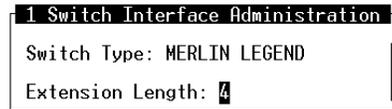
Log on to the Lucent INTUITY system with the craft login.

### **Extension Length**

---

1. From the Lucent INTUITY main menu, select the Switch Interface Administration menu option.

The system displays the Switch Interface Administration screen (Figure 5-3).



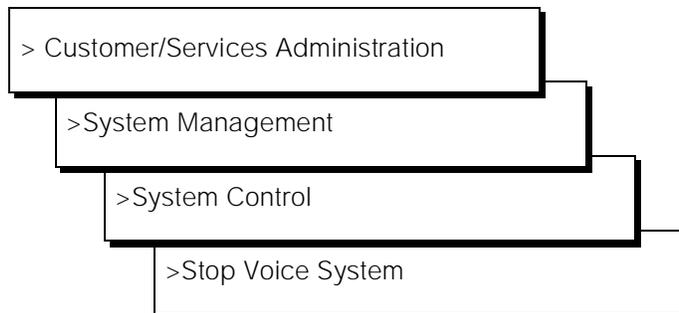
Enter an extension length of 3 or 4.



---

**Figure 5-3. Switch Interface Administration Screen**

2. Verify the **E**xtension Length: field.
3. If the extension length matches the extension length on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system, go to Step 5.  
If the extension lengths do not match, press **(TAB)** to move the cursor to the **E**xtension Length field, and enter the correct extension length.
4. Press **(F3)** (Save) to save the extension length change.  
The system displays the message **Update successful**. Once the change has been made, you must stop and restart the Lucent INTUITY Voice System in order for the change to be completed.
5. Press **(F6)** (Cancel) twice to return to the Lucent INTUITY main menu.
6. Select



The system displays the Wait Time window (Figure 5-4):



---

**Figure 5-4. Wait Time Window**

7. Enter the number of seconds (60 to 600) that the system should wait to clear current calls before stopping the voice system. Sixty seconds is recommended.
8. Press **F3** (Save).

The system displays the following:

The Voice System is now stopping.

Initiating request to clear all calls in the next XXX seconds.

Orderly idling of system succeeded.

The AUDIX(R) module is being stopped. Please wait.



**CAUTION:**

*You cannot access the AUDIX Administration screens while the voice system is stopped or shut down.*

Press RETURN to continue

9. Press **ENTER**.
10. Select the Start Voice System menu option.



**NOTE:**

The system can take several minutes to restart.

The system displays the following.

The Voice System is starting.

INIT: New run level 4

NOTICE: \*\*\*    \*\*\*    \*\*\*    rmiReset    \*\*\*    \*\*\*    \*\*\*

Hit acknowledge key to continue.

11. Press **(F7)** (Acknowledge Message) to return to the System Control menu.  
The system returns to the System Control menu.
12. Press **(F6)** (Cancel).  
The system returns to the Lucent INTUITY main menu.

### Range of Extensions

1. Select the AUDIX main menu option.
2. Type **change machine** and press **(ENTER)**.  
The system displays the Machine Profile screen (Figure 5-5).

```

AUDIX Active Alarms: MmWA Logins: 4
display machine Page 1 of 2
 MACHINE PROFILE
Machine Name: local Type: local Location: local
Voiced Name? n Extension Length: 5
Voice ID: 0 Default Community: 1
ADDRESS RANGES
Prefix Start Ext. End Ext. Warnings
1:
2:
3:
4:
5:
6:
7:
8:
9:
10:
enter command: display machine

```

**Figure 5-5. Machine Profile Screen**

3. Verify that the **Start Ext.** and **End Ext.** fields contain the number of digits equal to the extension length. For example, if the extension length is 5, the **Start Ext.** column should contain 5 digits (example: 00000) and the **End Ext.** column should contain 5 digits (example: 99999).  
If the digits in the **Start Ext.** and **End Ext.** fields do not have the correct number of digits, type the correct number of zeros in the **Start Ext.** field and the correct number of nines in the **End Ext.** field.
4. Press **(F3)** (Save).  
The system displays the following:  
command successfully completed

## Outcalling

---

1. At the command line, type **ch sy o**.

The system displays the System-Parameters Outcalling screen (Figure 5-6).

```
AUDIX Active Alarms: MmWA Logins:
system-parameters outcalling Page 1 of 1
SYSTEM-PARAMETERS OUTCALLING

Outcalling Active? y

Start Time End Time Interval Maximum Simultaneous
(hh:mm) (hh:mm) (hh:mm) Ports
1: 00:00 23:59 00:15 1
2: : : : :
3: : : : :

Initial Delay (mins): 0
Maximum Number Digits: 29

change system-parameters outcalling
```

---

**Figure 5-6. System-Parameters Outcalling Screen**

2. Type **y** in the Outcalling Active? field and press **(ENTER)**.
3. Press **(F3)** (Enter).

The system displays the following  
successfully completed

## Transfer Type and Covering Extension

1. At the AUDIX Administration command line, type **ch sy f**.

The system displays the System-Parameters Features screen (Figure 5-7).

```
AUDIX Active Alarms: MmWA Logins:
features Page 1 of 4
SYSTEM-PARAMETERS FEATURES

LOG-IN PARAMETERS
Login Retries: 3 Consecutive Invalid Attempts: 18
System Guest Password: Minimum Password Length: 0

PASSWORD AGING LIMITS (DAYS)
Password Expiration Interval: 0 (0 for no password aging)
Minimum Age Before Changes: 0
Expiration Warning: 0 (0 for no warning)

INPUT TIME LIMITS (SECONDS)
Normal: 60 Full Mailbox Timeout: 5 Wait (*W): 180
Between Digits at Auto-attendant or Standalone Menu: 3 (3-12)

DISCONNECT OPTIONS
Quick Silence Disconnect? n Silence Limit? 30 (5-30 seconds)

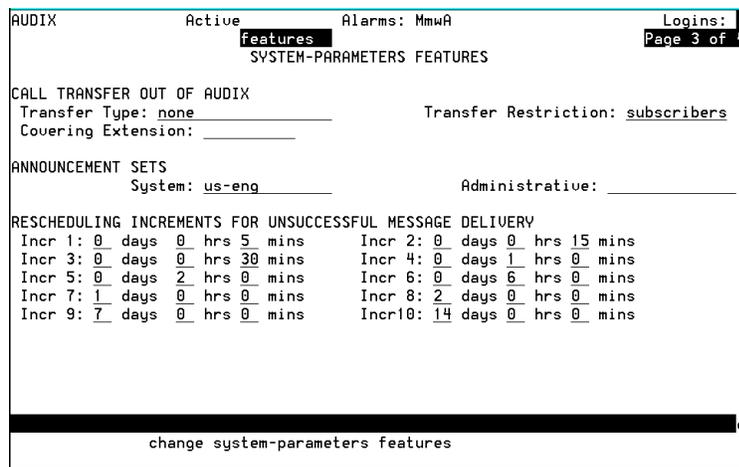
change system-parameters features
```

---

**Figure 5-7. System-Parameters Features Screen**

2. Press **(F7)** (Next Page) twice.

The system displays page 3 of the System-Parameters Features screen (Figure 5-8).



**Figure 5-8. System-Parameters Features Screen-Page 3**

3. Enter **basic** in the `Transfer Type:` field.
4. Enter the system-wide covering extension in the `Covering Extension:` field.



**NOTE:**

This is normally an operator or automated attendant.

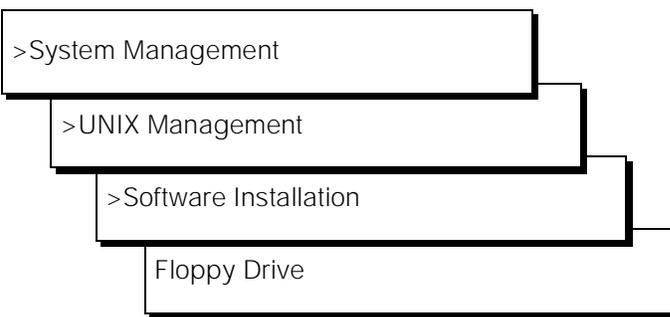
5. Press **(F3)** (Enter).  
The system displays the following  
successfully completed
6. Type **exit** and press **(ENTER)**.  
The system displays the Lucent INTUITY main menu.

## Task 8 — Install the Migration Software

---

If "Migrations" is not listed on the Lucent INTUITY main menu, then the migration software has not been installed on the Lucent INTUITY machine. You can install the software by doing the following:

1. Locate the floppy disk that contains the migration software. This disk is shipped with the INTUITY AUDIX system in the box containing the software. If you do not have this software, contact the Remote Service Center.
2. Start at the Customer/Services Administration menu and select



The system displays the following

```
Insert a diskette into Floppy Drive 1.
Type [go] when ready
or [q] to quit: (default: go)
```

3. Insert the migration software diskette into the floppy drive.
4. Press **ENTER**.

The system displays the following

```
Installation in progress. Do not remove the diskette.
The following package is available:
```

```
1 mig Migrations
 [AUDIX] 2.0-14
```

```
Select package(s) you wish to process [or 'all' to
process all packages). (default: all) [?,??,q]:
```

5. Type **all** and press **ENTER**.

The system installs the software and displays the following

```
Installation of Migration (mig) was successful.
Press q to quit.
```

6. Remove the migration software diskette from the floppy drive.
7. Press **ESC** (Cancel) until you return to the Lucent INTUITY main menu.
8. Log out of the Lucent INTUITY system.
9. Log back on to the Lucent INTUITY system using the craft login.



**NOTE:**

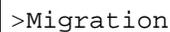
The system does not display the Migration menu option on the Lucent INTUITY main menu until you log back on to the system.

## **Task 9 — Run the Data Transfer**

---

Run the data transfer to move MERLIN LEGEND AUDIX Voice Power (IS II or IS III) user data to the Lucent INTUITY system. The time it takes to transfer the data varies, depending on the number of users whose data is being transferred.

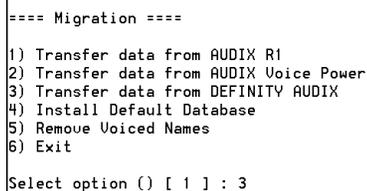
1. Start at the Lucent INTUITY main menu and select



```
>Migration
```

The system displays the Migration menu (Figure 5-9).

---



```
==== Migration ====
1) Transfer data from AUDIX R1
2) Transfer data from AUDIX Voice Power
3) Transfer data from DEFINITY AUDIX
4) Install Default Database
5) Remove Voiced Names
6) Exit
Select option () [1] : 3
```

---

**Figure 5-9. Migration Menu**

2. Type **2** and press **(ENTER)**.

The system displays the following message

```
Migrating to Intuity AUDIX R3.2. Press Enter to
continue.
```

3. Press **(ENTER)**.

The system displays the Migration From AVP menu (Screen 5-10).

---

```
==== Migration From AVP ====
1) Migrate
2) Display Error File
3) Logout
Select option () [1] :
```

---

**Figure 5-10. Migration From AVP Menu**

4. Insert the AVP back-up diskette into the floppy drive.

5. Type **1** and press **(ENTER)**.

The system displays the following

```
COS () [0] :
```

6. Enter the default class-of-service number for each user and press **(ENTER)**.

The system displays the following

```
Switch Number () [0] :
```

7. Type **1** and press **(ENTER)**.

The system displays the following

```
Community ID () [0] :
```

8. Enter the default community ID (for community sending restrictions) for migrated users and press **(ENTER)**.

The system displays the following

```
Software Release (2.0 2.1 2.1.1 3.0) [2.0] :
```

9. Enter the release number of the customer's MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system and press **(ENTER)**.

The system displays the following

```
default subscriber password () []:
```

10. Enter the default password that users on the Lucent INTUITY system first use to log on to the system. The customer system administrator should give you this password.

**⚠ CAUTION:**

*You must use a number for the default password. The number '1' is recommended. The following password schemes cannot be used: consecutive digits (1234), repeating digits (1111), or passwords that match any subscriber's extension. Use the minimum password length so users must change the default password.*

11. Press **(ENTER)**.  
The system displays the following  
Please re-enter password.
12. Enter the default password again.  
The system displays the following  
What format is used for subscriber names on the AVP  
backup disk?  
1) last name first  
2) first name first  
enter a number: (1 2)[ 1 ]:
13. Enter the number of the customer's MERLIN LEGEND AUDIX Voice Power  
(IS II or IS III) naming format and press **(ENTER)**.  
The system displays the following  
Are these values correct? (y n) [ n ]
14. Type **y** and press **(ENTER)**.  
The system displays the following  
Insert the floppy disk with the AUDIX Voice Power backup  
on it.  
Press ENTER when the floppy is inserted.  
Press enter to continue...
15. Press **(ENTER)**.  
The system retrieves the data and displays the following  
Migration Completed. Check Error Log (Option 2) for  
errors.  
Press enter to continue ...
16. Press **(ENTER)** twice.  
The system returns to the Migration From AVP menu.



Appendix A, "Migration Error Codes and Field Descriptions", contains a complete list of migration error codes. Table 5-4 lists the most common errors for this migration.

**Table 5-4. Common Error Codes**

| <b>Code</b> | <b>Meaning</b>                                                                                                        |
|-------------|-----------------------------------------------------------------------------------------------------------------------|
| 6           | Bad data; values are outside the permitted range                                                                      |
| 42          | Duplicate extension; extension is already in use                                                                      |
| 61          | Extension lengths of the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) and the Lucent INTUITY system do not match |
| 1023        | Value is out of range                                                                                                 |
| 1025        | Extension already exists on the Lucent INTUITY system                                                                 |
| bad field   | Quotation marks appear in a user's data                                                                               |

4. Press **(ENTER)** twice to return to the Migration From AVP menu.



**NOTE:**

To exit the log file before you reach the end, enter **q** at the colon (:).

5. Type **3** and press **(ENTER)**.

The system displays the following

Press enter to continue.

6. Press **(ENTER)**.

The system returns to the Lucent INTUITY main menu.

## **How to Print the Log File**

---

To print the log file, complete the following

1. Connect a printer to your Lucent INTUITY terminal using the appropriate port for your parallel or serial printer.

You can connect any of the following printers

- AT&T 570 series of terminals
- AT&T 593
- AT&T 595
- NCR 6417

**⇒ NOTE:**

If you connect a serial printer to the DTE connection on a 715 terminal, you must use a null modem cable between the terminal and the printer.

2. From the Migration From AVP menu, select option **2**, Display Log File.

The system displays the log file.

3. At the end of the file, press **(ENTER)**.

The system displays the following

To print the logfile, type p else press [enter] to continue.

4. Type **P** and press **(ENTER)**.

- a. If a printer is active, the system displays the following

request id is lp1-9 (1 file)

Log file sent to printer. Press [enter] to continue

- b. Press **(ENTER)** to return to the Migration From AVP menu.

- c. If no printer is active, the system displays the following

There is no default destination printer set.  
Cannot print the logfile.

Press [enter] to continue.

- d. Administer the printer using the Printer Administration menu.

## Task 11 — Verify the Transfer of Data

---

When the data transfer is complete, verify that the user data was transferred successfully. To verify the transfer of users, check the following items:

- List of users
- Two Class-of-Service numbers
- Five random users extensions

Select the AUDIX Administration menu option.

### List of Users

---

1. Type **li me fe da** and press **(ENTER)**.

The system displays the List Measurements Feature Day screen (Figure 5-12).

---

```
drmid2 Active Alarms: nwa Logins: 2
list measurements feature day Page 1
 FEATURE DAILY TRAFFIC
 Date : 06/18/96 Ending Time : 16:05
Maximum Average Ports in Use: 0.0
SUBSCRIBERS
 Local: 46 Remote: 744 Non Administered Remote: 9
 VOICE MAIL
Successful Logins, External: 0 Internal: 0
Failed Logins, External: 0 Internal: 0
Session Usage (Seconds) : 0
 CALL ANSWER
Completed Calls, External: 0 Internal: 0
Abandoned Calls, External: 0 Internal: 0
Session Usage (Seconds) : 0
Press [NextPage], [PreVPage] or [Cancel]
enter command: list measurements feature day
```

---

**Figure 5-12. List Measurements Feature Day Screen**

The number of users in the `Subscribers`, `Local` field should be within 90 percent of the number of local users on AUDIX Voice Power.

2. Press **(F7)** (Cancel) to return to the command line.

## Class-of-Service Numbers

1. Type **di cos *cos-number***, where *cos-number* is the class-of-service number, and press **(ENTER)**.

The system displays the Class-of-Service screens (Figure 5-13 and Figure 5-14).

```

AUDIX Active Alarms: MmWA Logins: 4
change cos 1 Page 1 of 2
CLASS OF SERVICE

Name: class01 COS Number: 1 Modified? n
Addressing Format: extension

Login Announcement Set: System
System Multilingual is OFF Call Answer Primary Annc. Set: System
Call Answer Language Choice? n Call Answer Secondary Annc. Set: System

PERMISSIONS
Type: call-answer Announcement Control? n Outcalling? n
Priority Messages? n Broadcast: none IMAPI Access? n
IMAPI Message Transfer? n Fax Creation? n Trusted Server Access? n

enter command: change cos 1
1Cancel 2Refresh 3Enter 4ClearFld 5Help 6Choices 7NextPage 8PrevPage

```

Figure 5-13. Class-of-Service Screen — Page 1

```

AUDIX Active Alarms: MmWA Logins: 5
display cos 1 Page 2 of 2
CLASS OF SERVICE

INCOMING MAILBOX Order: fifo Category Order: nuo
Retention Times (days), New: 10 Old: 10 Unopened: 10

OUTGOING MAILBOX Order: fifo Category Order: funda
Retention Times(days),File Cab: 10 Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 120 Minimum Needed: 40
Call Answer Message (seconds), Maximum Length: 120 Minimum Needed: 16

End of Message Warning Time (seconds): 0

Maximum Mailing Lists: 20 Total Entries in all Lists: 200
Mailbox Size (seconds), Maximum: 800 Minimum Guarantee: 0

enter command: display cos 1

```

Figure 5-14. Class-of-Service Screen — Page 2

2. Check that all of the data on the screens is correct. If the data is incorrect, you may need to rerun the data transfer. Refer to "Task 9 — Run the Data Transfer" procedure for further information.
3. Repeat Steps 1 and 2 for another class-of-service number.
4. Press **(F7)** (Cancel) to return to the command line.

## User Extensions

---

1. Type **di su extension**, where *extension* is a user extension, and press **(ENTER)**.

The system displays the Subscriber screens (Figure 5-15 and Figure 5-16).

---

```
AUDIX Active Alarms: MmWA Logins: 3
display subscriber 18906 Page 1 of 2
SUBSCRIBER
Name: Anderson, Nichole Locked? n
Extension: 18906 Password:
COS: def Miscellaneous:
Switch Number: 0 Covering Extension:
Community ID: 10 Broadcast Mailbox? n
Secondary Ext:

enter command: display subscriber 18906
```

---

**Figure 5-15. Subscriber Screen**

```

AUDIX Active Alarms: MmwA Logins: 4
change subscriber 80070 Page 2 of 2
SUBSCRIBER CLASS OF SERVICE PARAMETERS
Addressing Format: extension Login Announcement Set: System
System Multilingual is OFF Call Answer Primary Ann. Set: System
Call Answer Language Choice? n Call Answer Secondary Ann. Set: System

PERMISSIONS
Type: call-answer Announcement Control? y Outcalling? n
Priority Messages? y Broadcast: none IMAPI Access? y
IMAPI Message Transfer? y Fax Creation? y Trusted Server Access? y

INCOMING MAILBOX Order: fifo Category Order: nuo
Retention Times (days), New: 10 Old: 10 Unopened: 10
OUTGOING MAILBOX Order: fifo Category Order: unfda
Retention Times(days), File Cab: 10 Delivered/Nondeliverable: 5

Voice Mail Message (seconds), Maximum Length: 300 Minimum Needed: 32
Call Answer Message (seconds), Maximum Length: 120 Minimum Needed: 8
End of Message Warning Time (seconds):
Maximum Mailing Lists: 25 Total Entries in all Lists: 250
Mailbox Size (seconds), Maximum: 1200 Minimum Guarantee: 0

enter command: change subscriber 80070
1Cancel 2Refresh 3Enter 4ClearFid 5Help 6Choices 7NextPage 8PrevPage

```

**Figure 5-16. Subscriber Class Of Service Parameters Screen**

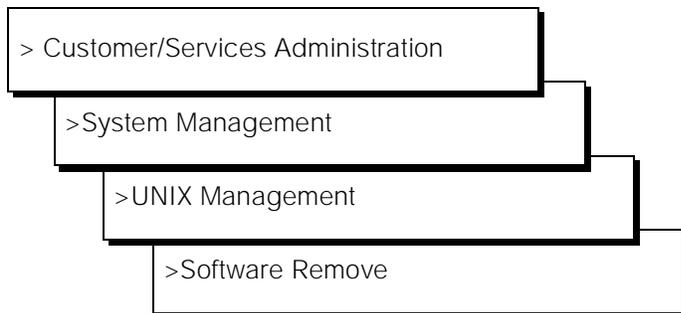
2. Verify all of the data on the screen.
3. Repeat Steps 1 and 2 for four other users.
4. Press **(F1)** (Cancel) to return to the AUDIX Administration screen.  
The system displays the following  
successfully completed
5. Type **exit** and press **(ENTER)**.  
The system returns to the Lucent INTUITY main menu.

## Task 12 — Remove the Migration Software

---

To preserve disk space, remove the migration software when the migration is complete.

1. Start at the Lucent INTUITY main menu and select



The system displays the following Installed Software List (Figure 5-17).

---

```
41 lp Printer Support
 <386> 1
42 machlog INTUITY AUDIX Logger Package
 <i486> 1.1.0
43 maint INTUITY Maintenance Package
 <i486> 1.1.0
44 mendrvr Memory driver edition C <CMendrvr> from Microport
 <486> 1.1.0
45 mig Migrations
 <AUDIX> 4.0-8
46 mouse BUILT INTO THE BASE, CANNOT BE REMOVED.
 <>
47 mtce INTUITY Utilities Package
 <i486> 1.1.0
48 multiusr Multi-user Set
 <386> 1
49 netcmds Commands Networking Extension
 <386> 1
50 netw Intuity Networking
 <486> 4.0-6
```

```
... 33 more menu choices to follow;
<RETURN> for more choices, <CTRL-D> to stop display:
```

---

**Figure 5-17. Installed Software List**

2. Press  to scroll through the list until you find the number of the migration software.
3. Press  .

The system displays the following

```
Select package(s) you wish to process (or 'all' to
process all packages). (default: all) [?,??,q]:
```

4. Enter the item number of the migration software and press **ENTER**.

The system displays the following

```
Select package(s) you wish to process (or 'all' to
process all packages). (default: all) [?,??,q]: 30
```

```
The following package is currently installed:
```

```
 mig Migrations
```

```
Do you want to removed this package [y,n,?,q]
```

5. Type **y** and press **ENTER**.

The system removes the migration package.

6. Press **F1** (Cancel).

The system returns to the Lucent INTUITY main menu.

## **Task 13 — Administer Automated Attendants**

---

If you administered the Lucent INTUITY system hunt group so that the customer could administer and test automated attendants before activating the system, the customer (or you, if contracted to do so) should administer the automated attendants. See "Automated Attendant and Bulletin Board," in *INTUITY™ Messaging Solutions Release 4 Administration*, 585-310-564 for complete instructions.

When you administer automated attendants, do the following

- Record all greetings for attendant mailboxes.
- Verify that attendant menus are complete.
- Make test calls to the Lucent INTUITY system to ensure that calls can reach it.

## Task 14 — Move the Voice Port Cabling

---

You must move the voice cables from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system to the Lucent INTUITY system. Table 5-5 lists the cabling tasks.

**⇒ NOTE:**

By simply swapping cables between systems, you can reuse the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) calling group and extension for the Lucent INTUITY system. Thus, you avoid having to readminister user coverage paths on the switch.

**Table 5-5. Cabling Tasks**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                              | <b>Reference</b>                                                                                                                                                                                                                                                   |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.          | <p>Disconnect the two voice port cables on the Lucent INTUITY machine and connect them to the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine.</p> <p>This allows users to get old messages from the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system while receiving new messages on the Lucent INTUITY system.</p>          | <p><i>AUDIX Voice Power R2.1.1 Installation and Maintenance Guide</i></p> <p><i>AUDIX Voice Power Hardware Installation</i></p> <p>The appropriate IS II or IS III Installation and Maintenance document.</p> <p><i>INTUITY Integration with MERLIN LEGEND</i></p> |
| 2.          | <p>Disconnect the voice port cables on the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) machine and connect them to the Lucent INTUITY machine.</p> <p>This allows the customer's users to use the same telephone number on the Lucent INTUITY system that they used for the MERLIN LEGEND AUDIX Voice Power (IS II or IS III) system.</p> | <p><i>AUDIX Voice Power R2.1.1 Installation and Maintenance Guide</i></p> <p><i>AUDIX Voice Power Hardware Installation</i></p> <p>The appropriate IS II or IS III Installation and Maintenance document.</p> <p><i>INTUITY Integration with MERLIN LEGEND</i></p> |

---

---

# Migrating from AUDIX Voice Power Lodging

# 6

---

## Overview

---

This chapter presents the information for a migration from AUDIX® Voice Power™ Lodging to the Lucent™ INTUITY™ system. The following AUDIX Voice Power Lodging releases can be migrated:

- Release 1.1
- Release 3

## **Materials and Information Needed**

You need the following items to successfully complete an AUDIX Voice Power Lodging migration:

- Lucent INTUITY migration software
- Migration checklist
- 1.44 Mbyte floppy diskettes



**NOTE:**

Diskettes must be UNIX formatted write-enabled diskettes.

- Cartridge tape (optional)

## **Migration Checklist**

Table 6-1 shows the migration tasks, in the sequence they should occur, for a migration from an AUDIX Voice Power Lodging system to the Lucent INTUITY system.

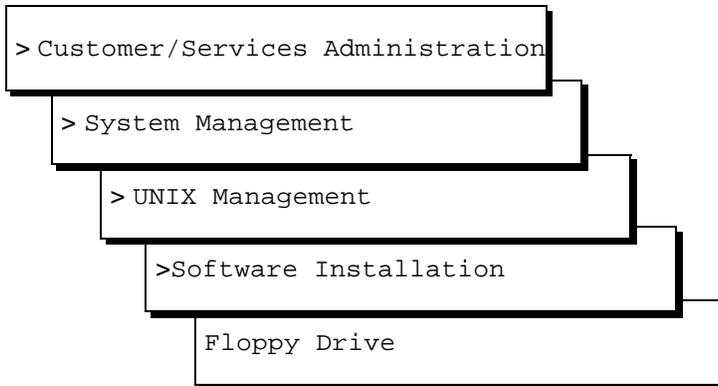
**Table 6-1. Migration Checklist**

| <b>Task</b> | <b>Description</b>                            | <b>✓</b> |
|-------------|-----------------------------------------------|----------|
| 1.          | Install the Lucent INTUITY migration software |          |
| 2.          | Create a migration diskette                   |          |
| 3.          | Back-up the AUDIX Voice Power Lodging data    |          |
| 4.          | Run the migration                             |          |
| 5.          | Check the log file                            |          |
| 6.          | Administer the switch                         |          |
| 7.          | Remove the migration software                 |          |

## **Task 1 - Install the Migration Software**

The migration software must be loaded onto the Lucent INTUITY system in order to perform a migration.

1. Log on to the system using the *craft* login.
2. Start at the Lucent INTUITY Administration menu and select



The system displays the following prompts:

```
Insert a diskette into Floppy Drive 1.
Type [go] when ready or [q] to quit: (default: go)
```

3. Insert the floppy diskette that contains the Lucent INTUITY migration software.
4. Press **ENTER**.

The system displays the following prompts:

```
Installation in progress. Do not remove the diskette.
The following package is available:
 1 mig Migrations
 Select package(s) you wish to
 process [or 'all' to
 process all packages] (default: all) [?,??,q]:
```

5. Press **ENTER**.
- The system installs the software.
6. Remove the migration software diskette from the floppy drive.
7. Press **F6** (Cancel) until you log off of the Lucent INTUITY system.
8. Log into the Lucent INTUITY system using the *craft* login.

**⇒ NOTE:**

The system will not display the Migration menu option on the Lucent INTUITY Administration menu until you log back on to the system.

## **Task 2 - Create a Migration Diskette**

---

Create a migration diskette which will contain the Lucent INTUITY files needed for backing up the AUDIX Voice Power Lodging data to be used in the migration.

1. Start at the Lucent INTUITY main menu and select

```
> Migrations
```

The system displays the Migration to Mach 2 or Mach 3 menu (Figure 6-1).

---

```
==== Migration to Mach 2 or Mach 3 (mig package version = 3.3-41) ====
1) Transfer data from AUDIX R1
2) Transfer data from AUDIX Voice Power
3) Transfer data from AVP Lodging to Intuity Lodging
4) Transfer data from DEFINITY AUDIX
5) Install Default Database
6) Remove Voiced Names
7) Exit

Select option () [1] :
```

---

**Figure 6-1. Migration to Mach 2 or Mach 3 Menu**

2. Type **3** and press **ENTER**.

The system displays the following:

```
Migrating to Intuity Lodging 1.0
Press enter to continue...
```

3. Press **ENTER**.

The system displays the Migration from AVPL screen (Figure 6-2).

---

```
==== Migration From AVPL ====
1) Migrate
2) Create Migration Diskette
3) Display Error File
4) Logout
Select option () [1] :
```

---

**Figure 6-2. Migration From AVPL Screen**

4. Insert a floppy diskette label-side up into the floppy drive.
5. Type **2** and press **ENTER**.

The system displays the following:

```
Insert Floppy diskette in drive in order to create
migration diskette
```

```
All data on Floppy diskette will be erased..
```

```
Press ENTER when floppy diskette is inserted in
diskette drive
```

```
Or Press q to quit
```

6. Press **ENTER**.

The system creates a filesystem and copies all of the files needed for backing up the AUDIX Voice Power Lodging data.

```
Creating filesystem on diskette . . .
Mkfs : make s5 file system?
(DEL if wrong)
bytes per logical block = 1024
total logical blocks = 1375
total inodes = 256
gap (physical blocks) = 7
cylinder size (physical blocks) = 400
mkfs: Available blocks = 1355
```

```
s5 filesystem created on diskette . . .
Diskette mounted on /mnt
```

```
Diskette unmounted
```

```
Migration diskette created!!
```

```
Please take the migration diskette to the AVPL machine
and do the following steps from the unix prompt:
```

- 1) Type < mount /dev/dsk/f0t /mnt >
- 2) Type < /mnt/backup\_avpl >
- 3) Follow instructions on the screen.

```
Please note that you will need Unix formatted floppies
to backup guest database and and guest speech.
```

```
To format floppies do the following steps
```

```
From the <Intuity Administration Menu> on the Intuity
Lodging machine
```

```
select
 <Customer/Services Administration>
 <System Management>
 <UNIX Management>
 <Format UNIX Floppy/tape>
```

```
Press enter to continue . . .
```

7. Press **ENTER**.
8. Remove the diskette from the floppy drive.
9. Label the floppy diskette as "System Files and Custom Prompt Backup."

## Task 3 - Back-up AUDIX Voice Power Lodging Data

---

You must now create a back-up of the system database files and custom prompts or system database files, custom prompts, guest database, and guest speech files. This back-up will be used to migrate the files onto the Lucent INTUITY system.

1. Log on to the AUDIX Voice Power Lodging system as *root*.
2. Insert the "System Files and Custom Prompt Backup" diskette created during Task 2 - "Create a Migration Diskette" into the floppy drive.
3. Type **mount /dev/dsk/f0t /mnt** and press **(ENTER)**.



**NOTE:**

Ignore any warnings you receive at this point.

The system displays the AUDIX Administration screen.

4. Type **/mnt/backup\_avpl** at the command line and press **(ENTER)**.

The system displays the AUDIX Voice Power Lodging Migration menu (Figure 6-3).

---

```
 Please select one of the options:

 1) Migrate system files and Custom prompts only OR
 2) Migrate Entire Guest database and speech and system files
 3) Exit

Select option () [1] :
```

---

**Figure 6-3. AUDIX Voice Power Lodging Migration Menu**

5. Select menu option **1**, if you want to back-up only system files and custom prompts for migration.

Select menu option **2**, if you want to back-up system files, custom prompts, the guest database, and guest speech files.

**⇒ NOTE:**

The migration using menu option 2 will take a great deal of more time because of the amount of data to be migrated.

The system displays the following:

```
System parameter files and custom speech being backed
up
```

The system lists the backed-up system files and displays the following:

```
System parameter files and custom speech backup
complete . . .
```

6. If you selected menu option **1**, back-up system files and custom prompts only, the back-up process has been completed. Remove the diskette and proceed to Task 4 - "*Run the Migration*".
7. If you selected menu option **2**, back-up system files, custom prompts, the guest database, and guest speech files, the system displays the following:

```
System parameter files and custom speech backup
complete . . .
```

```
 Please remove System files and Custom prompt backup
diskette from diskette drive . .
```

```
 Press ENTER to continue . . .
```

8. Remove the diskette and press **(ENTER)**.

The system displays the following:

```
Guest database will be backed up on diskette.
```

```
Please wait . . .
```

The system calculates the number of UNIX formatted floppy diskettes needed to back-up the guest database and speech files and then displays the following:

```
You will need approximately X floppy diskette
```

```
(1.44 Meg) for backup of guest database
```

```
Please wait . . .
```

```
You will need approximately X to X floppy diskettes
```

```
(1.44 Meg) for backup of guest speech
```

**⇒ NOTE:**

The **X** parameter is the number of floppy diskettes needed for back-up.

The system displays the following:

```
Label a UNIX formatted floppy "Migration Save Files:
1".
```

```
Insert it in floppy drive
```

```
Press ENTER to continue . . .
```

9. Label one of the UNIX formatted floppy diskettes as "Migration Save Files: 1" and insert it into the floppy drive.

10. Press **[ENTER]**.

The system lists the files and displays the following:

```
Backup of UNIX files complete.
```

11. Remove diskette from the floppy drive.

The system displays the following:

```
Backing up guest speech data
```

```


```

```
* CAUTION :This procedure is a time consuming
operation if
```

```
* your application involves a large speech
database.
```

```
* It is recommended that you do this
operation
```

```
* during off hours.
```

```


```

```
Do you wish to continue [y/n]:
```

12. Enter **n** if you do not want to continue the migration of the guest speech files.

Go to Task 4 - "Run the Migration."

**⇒ NOTE:**

The migration of the speech files can take a great deal of time. Therefore, the system allows you the option not to migrate the files at this time. However, if you choose not to back-up the guest speech files, the guest database will be inconsistent.

13. Enter **y** if you want to continue the migration of the guest speech files.

The system displays the following:

Please indicate the medium you intend to use to backup speech.

Enter

"C" to backup to CARTRIDGE TAPE

"F" to backup to FLOPPY DISKETTE

Enter "Q" to stop.

**⇒ NOTE:**

If there is no cartridge tape drive on the AUDIX Voice Power Lodging system, the system displays the following:

FLOPPY DISKETTE is going to be used for backup.

14. Enter **C** if you will use a cartridge tape to back-up the guest speech files. Press **(ENTER)**.
15. Enter **F** if you will use floppy diskettes to back-up the guest speech files. Press **(ENTER)**.

**⇒ NOTE:**

The system has previously indicated the number of floppy diskettes you will need to back-up the guest speech files.

16. If you entered **C**, the system displays the following prompts:

Label a free tape. Insert it in the tape drive.

Press **ENTER** to continue . . .

17. Label the cartridge tape as "*Migration Save Speech*," insert it into the tape drive, and press **(ENTER)**.

The system displays a list of the phrase numbers and phrases being backed up and displays the following:

Backup of speech files complete . . .

Messaging Waiting Lamps will be turned off..

Getting list of extensions with new messages..

The system displays a list of extensions and the deactivated messaging waiting lamps (MWLs).

18. Remove the cartridge tape from the tape drive and go to Task 4 - "*Run the Migration*."

19. If you entered **F**, label all the diskettes as "*Migration Save Speech*", and press **(ENTER)**.

The system displays a list of the phrase numbers and phrases being backed up and then displays the following:

**⇒ NOTE:**

The system prompts you to enter a new diskette when necessary.

Backup of speech files complete . . .

Messaging Waiting Lamps will be turned off..

Getting list of extensions with new messages..

The system displays a list of extensions and the deactivated messaging waiting lamps (MWLs).

The system displays the AUDIX Administration screen.

20. Remove the floppy diskette from the floppy drive and go to Task 4 - "*Run the Migration*".

## **Task 4 - Run the Migration**

---

Run the migration to move AUDIX Voice Power Lodging subscriber data to the Lucent INTUITY system.

1. On the Lucent INTUITY system, starting at the Migration from AVPL screen, refer to Figure 6-2, select menu option **1**, Migrate.

2. Press **(ENTER)**.

The system displays the following prompts:

```
Insert the floppy disk with the AUDIX Voice Power
Lodging backup
```

```
(System files and Custom prompts) on it.
```

```
Press ENTER when the floppy is inserted.
```

```
Press enter to continue.
```

3. Insert the "System Files and Custom Prompt" back-up diskette created during Task 3 - "Back-up AUDIX Voice Power Lodging Data", into the floppy drive.

4. Press **(ENTER)**.

The system displays the following text:

```
Migration started.
```

The system displays a list of the converted files. Converting

```
.paramfile
.paramfile converted
Converting .pmsparam
.pmsparam converted
Converting adminfile
.adminfile converted
Converting prompt00
.prompt00 converted
Converting .pwdb
.pwdb converted . .
```

 **NOTE:**

The above is only an example.

The system displays the following after the migration:

```
System files and custom prompt migration completed.
```

```
Press enter to continue . . .
```

5. Press **(ENTER)**.

6. If you have chosen *not* to migrate the guest database and speech files, the system will return to the `Migration From AVPL` screen. You will now need to go to Task 5 - "*Check the Error File*".

If you have chosen to migrate the guest database and guest speech files, the system will respond with the following prompt:

```
Restoration of Guest database in progress . . .
```

```
Please insert Guest database [Migration Save Files: 1]
diskette
in floppy drive and press ENTER when ready or
press 'q' to quit . . .
```

7. Insert the first "Migration Save Files" back-up diskette created during Task 3 - "*Back-up AUDIX Voice Power Lodging Data*", into the floppy drive.

8. Press `ENTER`.

The system displays a list of the guest database files being migrated. Once the files have been migrated the system will display the number of blocks migrated and the following prompt for migrating guest speech files:

```
Please indicate the medium you intend to use.
```

```
Enter
```

```
 "C" to restore speech from CARTRIDGE TAPE
```

```
 "F" to restore speech from FLOPPY DISKETTE
```

```
Enter "Q" to stop.
```

**⇒ NOTE:**

If you entered **n** in response to Step 10 on Task 3 - "*Back-up AUDIX Voice Power Lodging Data*", meaning you decided not to back up the guest speech files, you can press **q** to quit. The system will return to the command line. Go to Task 5 - "*Check the Error File*".

9. Remove the Migration Save Files back-up diskette from the floppy drive.
10. Enter **C** if you are migrating guest speech files from a cartridge tape. Press `ENTER`.  
Enter **F** if you are migrating guest speech files from floppy diskettes. Press `ENTER`.

### **Cartridge Tape Migration (Guest Speech Files)**

1. If you entered **C** in response to Step 9, the system displays the following prompts:  

```
Please insert tape in drive and
Press ENTER . .
```
2. Insert the cartridge tape labeled ""Migration Save Speech"" created in Task 3 - "*Back-up AUDIX Voice Power Lodging Data*".
3. Press **(ENTER)**.  
The system displays the following text:  

```
Please wait . . . rewinding tape.
The system will now rewind the back-up tape containing the guest speech
files and will then migrate the files. Once the migration is complete, the
system will display the following prompt:
Speech restoration procedure is complete
Guest database and speech migration completed.
Press enter to continue . . .
```
4. Remove the cartridge tape from the tape drive.
5. Press **(ENTER)**.  
If the INTUITY voice system is active, the system displays the following prompt:  

```

Please stop and start the Voice system . . .

Press enter to continue . . .
```
6. Press **(ENTER)**.  
The system will return to the Migration from AVPL menu.
7. Go to Task 5 - "*Check the Error File.*"

### **Floppy Diskette Migration (Guest Speech Files)**

1. If you entered **F** in response to Step 9, the system displays the following prompts:  

```
Restoration of Guest Speech in progress...
Please insert Guest Speech (Migration Save Speech)
diskette
in floppy drive and press ENTER when ready or
press 'q' to quit when all floppies have been read . . .
```

2. Insert one of the Migration Save Speech diskettes created during Task 3 - "*Back-up AUDIX Voice Power Lodging Data*" into the floppy drive.

**⇒ NOTE:**

You can insert the floppy diskettes into the floppy drive for migration in any order. They do *not* need to be in the order in which you backed them up.

3. Press **(ENTER)**.

The system displays the following:

```
Please wait
```

The system displays restored phrase numbers.

The system prompts you to enter another diskette:

```
Please insert Guest Speech (Migration Save Speech)
diskette in
floppy drive and press ENTER when ready
or press 'q' to quit when all floppies have been read .
. .
```

4. Once all diskettes have been read, remove the last diskette from the floppy drive and enter **q**.

Once the migration is complete, the system displays the following:

```
Guest database and speech migration completed.
```

```
Press enter to continue . . .
```

**⇒ NOTE:**

If the INTUITY voice system is active, the system displays the following:

```
Speech restoration procedure is complete.
```

```

```

```
Please stop and start the Voice system . . .
```

```

```

```
Press enter to continue . . .
```

5. Press **(ENTER)**.

The system displays the Migration from AVPL menu.

6. Go to Task 5 - "*Check the Error File.*"

## **Task 5 - Check the Error File**

---

Check the error file to see if you missed any error messages that may have appeared during the data transfer.

1. Start at the Migration from AVPL menu and select menu option **3**, `Display Error File`.

The system displays a list of error messages, if any were encountered, or if there were no errors, the system will display the following test:

**No errors . . .**  
**Press Enter to continue...**

2. Make note of any error displayed, if errors cause problems contact the remote maintenance center.

 **NOTE:**

To exit the log file before you reach the end, enter **q** at the colon (:).

3. Press `(ENTER)` to return to the `Migration From AVPL` menu.
4. Select menu option **4**, `Logout`, to exit the file.
5. Select menu option **7**, `Exit`, to exit the `Migration From AVPL` menu.

The system displays the `INTUITY Administration` menu.

## **Task 6 - Administer the Switch**

---

Once the migration of data and speech files from the AUDIX Voice Power Lodging system to the Lucent INTUITY system has been successfully completed, administer the switch associated with the Lucent INTUITY system.

The migration procedures are divided into two parts:

- Migration from AUDIX Voice Power Lodging systems co-resident with AUDIX Voice Power as the voice mail system for the hotel staff.
- Migration from AUDIX Voice Power Lodging systems without AUDIX Voice Power.

### **Migration from AUDIX Voice Power Lodging Co-Resident System**

---

The following tables list the switch administration tasks necessary when migrating from AUDIX Voice Power Lodging on a co-resident system which has AUDIX Voice Power for hotel staff.

**AUDIX Voice Power Lodging R1.1**

Table 6-6 lists the administrative tasks for the G1, G3i, G3s, and G3vs switches associated with AUDIX Voice Power Lodging R1.1.

**Table 6-2. DEFINITY G1, G3i, G3s, and G3vs Switch Administration Tasks**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                       |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.          | Stop the AUDIX Voice Power Lodging system and shut the machine off.                                                                                                                                                                                                                                                      |
| 2.          | Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed. See Step 5.                                                                                                                             |
| 3.          | Unplug the switch interface link from the AUDIX Voice Power Lodging system and connect it to the GPsync card on the Lucent INTUITY system.                                                                                                                                                                               |
| 4.          | Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for PMS on Lucent INTUITY Lodging.                                                                                                                                                                             |
| 5.          | Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the INTUITY system in the same order in which they were connected to the AUDIX Voice Power system.                                                                                                                  |
| 6.          | On the DEFINITY system, remove the extension number used for accessing staff voice mail: <ul style="list-style-type: none"> <li>■ Enter <code>remove station extension number</code></li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>extension number</i> is the extension number associated with the staff voice retrieval.</p> |
| 7.          | Determine the voice mail hunt-group: <ul style="list-style-type: none"> <li>■ Enter <code>list hunt-group</code> on the switch console</li> <li>■ Write down the hunt group number which has its Message Center listed as "<i>audix</i>" or "<i>A</i>". It will be needed for later steps.</li> </ul>                    |

***Continued on next page***

**Table 6-2. DEFINITY G1, G3i, G3s, and G3vs Switch Administration Tasks — Continued**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.   | <p>Change the voice mail hunt group. This hunt group is referred to as the Lucent INTUITY hunt group in following steps:</p> <ul style="list-style-type: none"> <li>■ Enter <code>change hunt-group hunt group number</code> on the switch console.</li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>hunt group number</i> is the hunt group number determined in Step 7.</p> <ul style="list-style-type: none"> <li>■ Write down the extension number in the <code>Group Extension</code> field. This will be needed in Step 10.</li> <li>■ Enter the staff voice mailbox extension number in the <code>Group Extension</code> field. This is the same extension number used in Step 6.</li> <li>■ On the Group Member Assignment screen, enter the tip/ring line extension numbers in the order in which they are connected to the Lucent INTUITY system.</li> <li>■ Press <code>(ENTER)</code> to save the changes.</li> </ul> |
| 9.   | <p>Create a coverage path to send all calls to the Lucent INTUITY hunt group:</p> <ul style="list-style-type: none"> <li>■ Enter <code>add coverage-path unused number</code> on the switch console.</li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>unused number</i> is any number not currently in use.</p> <ul style="list-style-type: none"> <li>■ Enter the Lucent INTUITY hunt group as the Coverage Point and enter <code>ALL</code> as the Criteria for coverage.</li> <li>■ Press <code>(ENTER)</code> to save the changes.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                 |
| 10.  | <p>Add a phantom station for use as the guest voice mail retrieval number:</p> <ul style="list-style-type: none"> <li>■ Enter <code>add station extension number</code>.</li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>extension number</i> is the group extension number as noted in Step 8.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

*Continued on next page*

**Table 6-2. DEFINITY G1, G3i, G3s, and G3vs Switch Administration Tasks — Continued**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <ul style="list-style-type: none"> <li>■ Enter <code>x</code> in the <code>Port</code> field to indicate that this station does not have hardware associated with it.</li> </ul> <p><b>⇒ NOTE:</b><br/>On some 75 systems, this will not be permitted. Enter a valid unused port ID.</p> <ul style="list-style-type: none"> <li>■ Enter the coverage path created in Step 9 in the <i>Coverage Path</i> field.</li> <li>■ Press <code>(ENTER)</code> to save the changes.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                 |
| 11.  | <p>Disable the switch interface link:</p> <ul style="list-style-type: none"> <li>■ Enter <code>disp communication-interface links</code> on the switch console.</li> <li>■ Write down the link number whose identification field is "audix".</li> <li>■ Enter <code>busyout link number</code></li> </ul> <p><b>⇒ NOTE:</b><br/>The link number was written down in the previous bullet step.</p> <ul style="list-style-type: none"> <li>■ Enter <code>change communication-interface links</code> on the switch console.</li> <li>■ Complete the following for link number used in steps above: <ul style="list-style-type: none"> <li>■ Enter <code>n</code> in the <code>Enable</code> field</li> <li>■ Enter <code>DTE</code> in the <code>DTE/DCE</code> field</li> <li>■ Press <code>(ENTER)</code> to save the changes</li> </ul> </li> </ul> |
| 12.  | <p>Change the processor channel:</p> <ul style="list-style-type: none"> <li>■ Enter <code>change communication-interface processor-channels</code> on the switch console.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

*Continued on next page*

**Table 6-2. DEFINITY G1, G3i, G3s, and G3vs Switch  
Administration Tasks — Continued**

| Task | Description                                                                                                                                                                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <ul style="list-style-type: none"><li>■ Enter the following for the Proc Chan 59:<ul style="list-style-type: none"><li>■ Enter <b>1</b> in the Remote Proc Chan field</li></ul></li></ul>                                                                                                   |
| 13.  | Enable the switch interface link: <ul style="list-style-type: none"><li>■ Enter change communication-interface links on the switch console.</li><li>■ Enter <b>y</b> in the Enable field for link number used in steps above.</li><li>■ Press <b>(ENTER)</b> to save the changes.</li></ul> |
| 14.  | Administer the Lucent INTUITY system to process calls.<br><br><b>⇒ NOTE:</b><br>See the <i>INTUITY Messaging Solutions Release 4 System Installation</i> book for your platform for instructions.                                                                                           |

### AUDIX Voice Power Lodging R3.0

Table 6-3 lists the administrative tasks associated with a migration from AUDIX Voice Power Lodging R3.0 on a co-resident system.

**Table 6-3. All DEFINITY Switch Administration Tasks**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                       |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.          | Stop the AUDIX Voice Power Lodging system and shut the machine off.                                                                                                                                                                                                                                                                      |
| 2.          | Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.                                                                                                                                                         |
| 3.          | Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for PMS on Lucent INTUITY Lodging.                                                                                                                                                                                             |
| 4.          | Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Lucent INTUITY system in the same order in which they were connected to the AUDIX Voice Power system.                                                                                                                           |
| 5.          | <p>On the DEFINITY system, remove the extension number used for accessing guest voice mail messages:</p> <ul style="list-style-type: none"> <li>■ Enter <code>remove station extension number</code></li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>extension number</i> is the extension number associated with the guest voice retrieval.</p> |
| 6.          | <p>Remove the extension number used for accessing staff voice mail messages:</p> <ul style="list-style-type: none"> <li>■ Enter <code>remove station extension number</code></li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>extension number</i> is the extension number associated with the staff voice mail retrieval.</p>                    |
| 7.          | Perform Lucent INTUITY switch administration tasks described in the appropriate switch administration book, beginning at the <i>Assign Hunt Group</i> section.                                                                                                                                                                           |

**Continued on next page**

**Table 6-3. All DEFINITY Switch Administration Tasks — Continued**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.   | <p>To assign the hunt-group:</p> <ul style="list-style-type: none"> <li>■ Enter the staff voice mailbox extension number in the <code>Group Extension</code> field. This number is the same as used in Step 6.</li> <li>■ On the Group Member Assignment screen, enter all the tip/ring extension numbers in the order in which they are connected to the Lucent INTUITY system.</li> <li>■ Press <code>(ENTER)</code> to save the changes.</li> </ul>                                                                                 |
| 9.   | <p>Create a coverage path to send all calls to the Lucent INTUITY hunt group:</p> <ul style="list-style-type: none"> <li>■ Enter <code>add coverage-path unused number</code> on the switch console.</li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>unused number</i> is a number not currently in use.</p> <ul style="list-style-type: none"> <li>■ Enter the Lucent INTUITY hunt group as the Coverage Point and enter <code>ALL</code> as the Criteria for coverage.</li> <li>■ Press <code>(ENTER)</code> to save the changes.</li> </ul> |
| 10.  | <p>Add a phantom station fro use as the guest voice mail retrieval number:</p> <ul style="list-style-type: none"> <li>■ Enter <code>add station extension number</code>.</li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>extension number</i> is the guest mail retrieval number as used in Step 5.</p>                                                                                                                                                                                                                                        |

*Continued on next page*

**Table 6-3. All DEFINITY Switch Administration Tasks — Continued**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      | <ul style="list-style-type: none"> <li data-bbox="678 394 1388 453">■ Enter <code>x</code> in the <code>Port</code> field to indicate that this station does not have hardware associated with it.</li> <li data-bbox="667 485 1401 583"> <b>⇒ NOTE:</b><br/>                     On some 75 systems, this will not be permitted. Enter a valid unused port ID.                 </li> <li data-bbox="678 600 1409 659">■ Enter the coverage path created in Step 9 in the <i>Coverage Path</i> field.</li> <li data-bbox="678 676 1122 709">■ Press <code>(ENTER)</code> to save the changes.</li> </ul> |
| 11.  | Administer the Lucent INTUITY system to process calls.<br><br><b>⇒ NOTE:</b><br>See the <i>INTUITY Messaging Solutions Release 4 System Installation</i> book for your platform for instructions.                                                                                                                                                                                                                                                                                                                                                                                                        |

**AUDIX Voice Power Lodging R3.0 with ICSS  
Low End Voice Mail Software**

Table 6-4 lists the administrative tasks associated with a migration from AUDIX Voice Power Lodging R3.0 with AUDIX Voice Power for hotel staff and the ICSS Low End Voice Mail software.

**Table 6-4. All DEFINITY Switch Administration Tasks**

| Task | Description                                                                                                                                                                      |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.   | Stop the AUDIX Voice Power Lodging system and shut the machine off.                                                                                                              |
| 2.   | Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed. |
| 3.   | Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for PMS on Lucent INTUITY Lodging.                                     |

*Continued on next page*

**Table 6-4. All DEFINITY Switch Administration Tasks — Continued**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.   | Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Lucent INTUITY system in the same order in which they were connected to the AUDIX Voice Power system.                                                                                                                                                                                                                                                                                                                                                                                                            |
| 5.   | <p>On the DEFINITY system, remove the extension number used for accessing staff voice mail messages:</p> <ul style="list-style-type: none"> <li>■ Enter <code>remove station extension number</code></li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>extension number</i> is the extension number associated with the staff voice retrieval.</p>                                                                                                                                                                                                                                                                                  |
| 6.   | <p>Perform Lucent INTUITY switch administration tasks described in the appropriate switch administration book, beginning at the <i>Assign Hunt Group</i> section.</p> <p>To assign the hunt-group:</p> <ul style="list-style-type: none"> <li>■ Enter the staff voice mail retrieval number in the <code>Group Extension</code> field. This number is the same as used in Step 5.</li> <li>■ On the Group Member Assignment screen, enter all the tip/ring extension numbers in the order in which they are connected to the Lucent INTUITY system.</li> <li>■ Press <code>(ENTER)</code> to save the changes.</li> </ul> |
| 7.   | <p>Create a coverage path to send all calls to the Lucent INTUITY hunt group:</p> <ul style="list-style-type: none"> <li>■ Enter <code>add coverage-path unused number</code> on the switch console.</li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>unused number</i> is a number not currently in use.</p> <ul style="list-style-type: none"> <li>■ Enter the Lucent INTUITY hunt group as the Coverage Point and enter <code>ALL</code> as the Criteria for coverage.</li> <li>■ Press <code>(ENTER)</code> to save the changes.</li> </ul>                                                                                    |

*Continued on next page*

**Table 6-4. All DEFINITY Switch Administration Tasks — Continued**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 8.          | <p>Add a phantom station from use as the new guest voice mail retrieval number:</p> <ul style="list-style-type: none"><li>■ Enter add station <i>extension number</i>.</li></ul> <p style="text-align: center;"><b>⇒ NOTE:</b><br/>The <i>extension number</i> is</p> <ul style="list-style-type: none"><li>■ Enter x in the <code>Port</code> field to indicate that this station does not have hardware associated with it.</li></ul> <p><b>⇒ NOTE:</b><br/>On some 75 systems, this will not be permitted. Enter a valid unused port ID.</p> <ul style="list-style-type: none"><li>■ Enter the coverage path created in Step 9 in the <i>Coverage Path</i> field.</li><li>■ Press <code>(ENTER)</code> to save the changes.</li></ul> |
| 9.          | <p>Administer the Lucent INTUITY system to process calls.</p> <p><b>⇒ NOTE:</b><br/>See the <i>INTUITY Messaging Solutions Release 4 System Installation</i> book for your platform for instructions.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## **Migration from AUDIX Voice Power Lodging Non Co-Resident System**

---

The following tables list the switch administration tasks necessary when migrating from AUDIX Voice Power Lodging on a non co-resident system which does not have AUDIX Voice Power for hotel staff.

### **AUDIX Voice Power Lodging R1.1**

Table 6-5 lists the administrative tasks associated with a migration from AUDIX Voice Power Lodging R1.1 on a non co-resident system.

**Table 6-5. DEFINITY G1, G3i, G3s, and G3vs Switch  
Administration Tasks**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                             |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.          | Stop the AUDIX Voice Power Lodging system and shut the machine off.                                                                                                                                            |
| 2.          | Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.                               |
| 3.          | Unplug the switch interface link from the AUDIX Voice Power Lodging system and connect it to the GPsync card on the Lucent INTUITY system.                                                                     |
| 4.          | Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for PMS on Lucent INTUITY Lodging.                                                                   |
| 5.          | Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Lucent INTUITY system in the same order in which they were connected to the AUDIX Voice Power system. |

*Continued on next page*

**Table 6-5. DEFINITY G1, G3i, G3s, and G3vs Switch Administration Tasks — Continued**

| Task | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 6.   | <p>Disable the switch interface link:</p> <ul style="list-style-type: none"> <li>■ Enter <code>disp communication-interface links</code> on the switch console.</li> <li>■ Write down the link number whose identification field is "audix".</li> <li>■ Enter <code>busyout link number</code></li> </ul> <p><b>⇒ NOTE:</b><br/>The link number was written down in the previous bullet step.</p> <ul style="list-style-type: none"> <li>■ Enter <code>change communication-interface links</code> on the switch console.</li> <li>■ Complete the following for link number used in steps above: <ul style="list-style-type: none"> <li>■ Enter <b>n</b> in the <code>Enable</code> field</li> <li>■ Enter <b>DTE</b> in the <code>DTE/DCE</code> field</li> <li>■ Press <b>(ENTER)</b> to save the changes</li> </ul> </li> </ul> |
| 7.   | <p>Change the processor channel:</p> <ul style="list-style-type: none"> <li>■ Enter <code>change communication-interface processor-channels</code> on the switch console.</li> <li>■ Enter the following for the <code>Proc Chan 59</code>: <ul style="list-style-type: none"> <li>■ Enter <b>1</b> in the <code>Remote Proc Chan</code> field</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 8.   | <p>Enable the switch interface link:</p> <ul style="list-style-type: none"> <li>■ Enter <code>change communication-interface links</code> on the switch console.</li> <li>■ Enter <b>y</b> in the <code>Enable</code> field for the link number used in steps above.</li> <li>■ Press <b>(ENTER)</b> to save the changes.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 9.   | <p>Administer the Lucent INTUITY system to process calls.</p> <p><b>⇒ NOTE:</b><br/>See the <i>INTUITY Messaging Solutions Release 4 System Installation</i> book for your platform for instructions.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

**AUDIX Voice Power Lodging R3.0**

Table 6-6 lists the administrative tasks associated with a migration from AUDIX Voice Power Lodging R3.0 on a non co-resident system.

**Table 6-6. All DEFINITY Switch Administration Tasks**

| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                            |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.          | Stop the AUDIX Voice Power Lodging system and shut the machine off.                                                                                                                                                                                                                                                                           |
| 2.          | Unplug all tip/ring lines from the AUDIX Voice Power Lodging system and tag them with their extension number and a number corresponding to the order in which they were removed.                                                                                                                                                              |
| 3.          | Unplug the PMS link cable from AUDIX Voice Power Lodging and plug the cable into the serial port reserved for PMS on Lucent INTUITY Lodging.                                                                                                                                                                                                  |
| 4.          | Plug all the tip/ring lines removed from the AUDIX Voice Power Lodging system into the voice card on the Lucent INTUITY system in the same order in which they were connected to the AUDIX Voice Power system.                                                                                                                                |
| 5.          | <p>On the DEFINITY system, remove the extension number used for accessing guest voice mail messages:</p> <ul style="list-style-type: none"> <li>■ Enter <code>remove station extension number</code></li> </ul> <p><b>⇒ NOTE:</b><br/>The <i>extension number</i> is the extension number associated with the guest voice mail retrieval.</p> |
| 6.          | Perform Lucent INTUITY switch administration tasks described in the appropriate switch administration book.                                                                                                                                                                                                                                   |

***Continued on next page***

**Table 6-6. All DEFINITY Switch Administration Tasks — Continued**

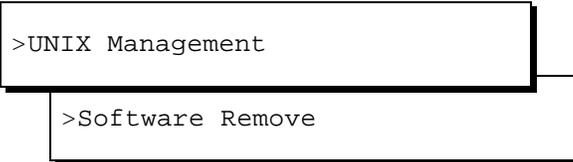
| <b>Task</b> | <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 7.          | To assign the hunt-group: <ul style="list-style-type: none"><li data-bbox="641 443 1427 506">■ Enter the guest voice mailbox extension number in the <code>Group Extension</code> field. The same number used in Step 5.</li><li data-bbox="641 520 1427 615">■ On the Group Member Assignment screen, enter all the tip/ring extension numbers in the order in which they are connected to the Lucent INTUITY system.</li><li data-bbox="641 630 1427 667">■ Press <code>(ENTER)</code> to save the changes.</li></ul> |
| 8.          | Administer the Lucent INTUITY system to process calls.<br><br> <b>NOTE:</b><br>See the <i>INTUITY Messaging Solutions Release 4 System Installation</i> book for your platform for instructions.                                                                                                                                                                                                                                       |

## **Task 7 - Remove Migration Software**

---

To preserve disk space, remove the migration software when the migration is complete.

1. Start at the System Management menu and select



The system displays the Installed Software List (Figure 6-4).

---

```
41 lp Printer Support
 <386> 1
42 machlog INTUITY AUDIX Logger Package
 <i486> i.1.0
43 maint INTUITY Maintenance Package
 <i486> i.1.0
44 memdrv Memory driver edition C <Mendrvr> from Microport
 <486> i.1.0
45 mig Migrations
 <AUDIX> 4.0-8
46 mouse BUILT INTO THE BASE, CANNOT BE REMOVED.
 <>
47 mtce INTUITY Utilities Package
 <i486> i.1.0
48 multiusr Multi-user Set
 <386> 1
49 netcmds Commands Networking Extension
 <386> 1
50 netw Intuity Networking
 <486> 4.0-6

... 33 more menu choices to follow;
<RETURN> for more choices, <CTRL-D> to stop display:
```

---

**Figure 6-4. Installed Software List**

2. When you have identified the number of the Lucent INTUITY migration software, press **CTRL** **D**.

The system displays the following:

```
Select package(s) you wish to process (or 'all' to
process
all packages). (default: all) [?,??,q]:
```

3. Enter the item number of the Lucent INTUITY migration software.

The system displays following:

```
Do you want to remove this package [y,n,?,q]
```

4. Type **y** and press **ENTER**.

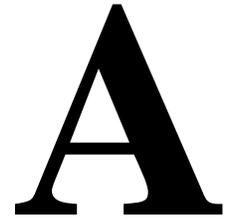
The migration package is removed.

5. Press **F6** (Cancel) to return to the Lucent INTUITY Administration menu.



---

## Migration Error Codes and Field Descriptions



---

### Migration Log File Error Codes

Table A-1 lists error codes that may appear in a migration log file. Use the corresponding descriptions to help determine how to correct migration problems.

**Table A-1. Migration Error Codes**

| <b>Code</b> | <b>Description</b>                            |
|-------------|-----------------------------------------------|
| 0           | Done; the data is okay                        |
| 4           | Bad data                                      |
| 5           | Invalid entry                                 |
| 6           | Bad data; data is out of range                |
| 9           | Hardware device busy                          |
| 10          | You cannot change from n to y using this form |
| 12          | System error                                  |
| 13          | Maintenance port busy                         |
| 14          | Invalid input                                 |
| 15          | Hardware unit not configured                  |
| 16          | Unmatched volume label                        |
| 17          | Announcement set already exists               |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                                       |
|-------------|--------------------------------------------------------------------------|
| 18          | Invalid hardware unit                                                    |
| 19          | A number out of range                                                    |
| 20          | Tape and system's machine name and software release numbers do not match |
| 21          | Tape and system's software release numbers do not match                  |
| 22          | Tape and system's machine names do not match                             |
| 23          | System is in a shutdown state                                            |
| 24          | Operation aborted                                                        |
| 25          | Partial subscriber name is not unique                                    |
| 26          | "Remote Subscriber Specified"                                            |
| 27          | "No Subscriber Administered for this Extension"                          |
| 28          | Call back number exceeds 15 digits                                       |
| 29          | Country code of 0 is not valid                                           |
| 30          | The specified address is not a voice port                                |
| 31          | Voice-group is currently busy                                            |
| 32          | System Error = default AE code                                           |
| 33          | Old password must be entered                                             |
| 34          | Bad volume name                                                          |
| 35          | Volume name already exists                                               |
| 36          | Hardware unit is unequipped                                              |
| 37          | Hardware unit fault                                                      |
| 38          | Data is unavailable — check back later                                   |
| 39          | Cannot decrease file system size                                         |
| 40          | Not a valid field for delete                                             |
| 41          | Up to 5 digits are valid per extension                                   |
| 42          | Duplicate extension — already in use                                     |
| 43          | Duplicate touch tone — already in use                                    |
| 44          | Invalid extension length                                                 |
| 45          | Extension range limit exceeded                                           |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                                                      |
|-------------|-----------------------------------------------------------------------------------------|
| 46          | Value exceeds system limits                                                             |
| 47          | Enter a value in this field                                                             |
| 48          | Previous copy still in progress                                                         |
| 49          | No more subscriber IDs available                                                        |
| 50          | Logical copy to non-existing file system not allowed                                    |
| 51          | File system in use — admin shutdown required                                            |
| 52          | Volume doesn't exist                                                                    |
| 53          | File system doesn't exist                                                               |
| 54          | Already exists                                                                          |
| 55          | Does not exist                                                                          |
| 56          | Local machine cannot be removed                                                         |
| 57          | Duplicate name — already in use                                                         |
| 58          | Illegal machine type                                                                    |
| 59          | File system in use                                                                      |
| 60          | Too many digits entered                                                                 |
| 61          | Too few digits entered                                                                  |
| 62          | Call transfer out of AUDIX feature not active                                           |
| 63          | System covering extension not assigned                                                  |
| 64          | Enhanced transfer set to not active                                                     |
| 65          | Invalid hour entered on traffic report form                                             |
| 66          | Invalid date entered on traffic report form                                             |
| 67          | Subscriber activity in progress, try remove later                                       |
| 68          | Feature not enabled. For example, outcalling on IMAPI = y but outcalling is not active. |
| 72          | "Command Initiated" use "Status Tape" to check the progress.                            |
| 73          | Address range allocation exceeded                                                       |
| 74          | Status command completed                                                                |
| 75          | Machine name already exists                                                             |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                                  |
|-------------|---------------------------------------------------------------------|
| 76          | Machine does not exist. (Use double quotes if name includes spaces) |
| 77          | Machine name does not exist                                         |
| 78          | Not enough characters in password                                   |
| 79          | No partial overlaps permitted                                       |
| 80          | Message transmission schedule exceeds 24 hours                      |
| 81          | Use "new machine name" field                                        |
| 82          | Entry must contain at least one non-digit                           |
| 83          | Administered/non-administered subscriber threshold reached          |
| 84          | Too many machine names specified                                    |
| 85          | Duplicate node                                                      |
| 86          | Last node in node list — cannot remove                              |
| 87          | Cannot change node for unknown subscriber                           |
| 88          | Copy Initiated                                                      |
| 89          | Remove Initiated                                                    |
| 90          | Switch number not administered - field must be blank                |
| 91          | To confirm, press "y"                                               |
| 92          | Number of network machines exceeds maximum limit.                   |
| 93          | Local machine name specified                                        |
| 94          | Local subscriber name specified                                     |
| 95          | File system not mounted                                             |
| 96          | Only ACTIVE file system fragments may be cached                     |
| 97          | Only the ADMIN file system can be modified                          |
| 98          | Audit or backup in progress                                         |
| 99          | Invalid extension for this node                                     |
| 100         | Operation confirmed application error code                          |
| 101         | Invalid fragment ID entered                                         |
| 102         | Too many actions requested                                          |
| 103         | Remote update failed                                                |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                                                             |
|-------------|------------------------------------------------------------------------------------------------|
| 104         | File system being mirrored or already mirrored                                                 |
| 105         | Invalid file system for mirroring                                                              |
| 106         | File system mirroring in progress, try later                                                   |
| 107         | Master & slave cannot be on same disk                                                          |
| 108         | Cannot increase slave size, increase master instead                                            |
| 109         | Invalid number of digits in field                                                              |
| 110         | Invalid test selected for current switch * connection type                                     |
| 111         | Too many message waiting ports specified.                                                      |
| 112         | Filesystem name is too big (file system name.type must be less than 16 characters)             |
| 113         | Address ranges on system                                                                       |
| 114         | Broadcast mailbox cannot change COS                                                            |
| 115         | Broadcast mailbox permissions type must be "none"                                              |
| 116         | Name exists for AUDIX or text service machine.                                                 |
| 117         | Duplicate local or remote extension in use                                                     |
| 118         | Incorrect record length read                                                                   |
| 119         | EOF reached without finding a record                                                           |
| 120         | Disk init selected, press 'y' to confirm                                                       |
| 121         | Invalid Automated Attendant Transfer Treatment                                                 |
| 122         | Port not available for use                                                                     |
| 123         | Fragment zero cannot be removed                                                                |
| 124         | Transfer subscriber does not have call answer permissions but no automated attendant extension |
| 125         | Ports 30 - 32 refer to VPT 5                                                                   |
| 126         | No audit status available                                                                      |
| 127         | No VPT 2 assigned                                                                              |
| 131         | Bad class-of-service name or number                                                            |
| 132         | Not unique class-of-service name                                                               |
| 133         | Cannot change filesystem type                                                                  |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                       |
|-------------|----------------------------------------------------------|
| 134         | Cannot increase filesystem size                          |
| 135         | File system already mounted - diff mt pt                 |
| 136         | Conflicting new class-of-service name                    |
| 137         | Illegal extension (add subscriber command line)          |
| 138         | Confirm turning off CDR (ch sys cdr)                     |
| 139         | Cannot decrease CDR buffer size (ch sys cdr)             |
| 140         | No test to reattach to (status test)                     |
| 141         | Must wait for previous test to complete                  |
| 142         | New Password and Confirm Password fields do not match    |
| 143         | Invalid fragment                                         |
| 144         | Fragment does not exist                                  |
| 145         | Announcement set does not exist                          |
| 146         | Insufficient space in file system                        |
| 147         | Invalid announcement set                                 |
| 148         | Not a touch tone unique announcement set                 |
| 149         | Active announcement set cannot be removed                |
| 150         | Invalid announcement ID                                  |
| 151         | Announcement does not exist                              |
| 152         | Cannot copy into active announcement set                 |
| 153         | Admin announcement set not defined                       |
| 154         | Permission denied                                        |
| 155         | Cannot do a synchronization with the switch in OAM state |
| 156         | Invalid switch type for time sync. with switch           |
| 157         | Device is write-protected                                |
| 158         | Confirm tape erasure                                     |
| 159         | Confirm possible disk data erasure                       |
| 160         | Tape drive not ready — check cartridge                   |
| 161         | Tape access disable — check alarms                       |
| 162         | Tape not administered                                    |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                                                  |
|-------------|-------------------------------------------------------------------------------------|
| 163         | Cannot write to tape — volume type must be "backup"                                 |
| 164         | Restore failed — check admin/error logs                                             |
| 165         | DATEMSK env var. is not set                                                         |
| 166         | Template file can't be open for reading                                             |
| 167         | Failed to get file status information                                               |
| 168         | The template is not a regular file                                                  |
| 169         | Error reading template file                                                         |
| 170         | Malloc failed (not enough memory)                                                   |
| 171         | No line in template file matches input                                              |
| 172         | Already administered                                                                |
| 173         | Time sync. failed                                                                   |
| 174         | Duplicate location — already in use                                                 |
| 175         | Day must be between 0 and 31                                                        |
| 176         | Year must be greater than 1989                                                      |
| 177         | Minutes must be between 0 and 59                                                    |
| 178         | Hour must be between 0 and 23                                                       |
| 179         | "Turning off this feature will delete many user greetings. Press enter to confirm?" |
| 180         | Must wait for previous audit to complete                                            |
| 181         | Provisioned ports is less than ports administered                                   |
| 182         | Switch connection type must be 'Embedded'                                           |
| 183         | You cannot administer more ports than you have purchased                            |
| 184         | You must supply a valid resource type                                               |
| 185         | Choose either Active or Resolved alarms                                             |
| 186         | Missing Major, Minor and/or Warning selection                                       |
| 187         | Machine name is not unique                                                          |
| 188         | Machine type is invalid                                                             |
| 189         | Command not valid for amisac machine                                                |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                                      |
|-------------|-------------------------------------------------------------------------|
| 190         | Activity Log will be cleared. Press enter to confirm, cancel to cancel. |
| 191         | System initializing, please try later                                   |
| 192         | System will be automatically restarted                                  |
| 193         | Link log will be cleared                                                |
| 194         | Invalid switch number                                                   |
| 195         | Host switch must be administered                                        |
| 196         | Customer or old password incorrect                                      |
| 197         | Cannot assign guest password to subscriber                              |
| 198         | Number of subscribers exceed sys limits                                 |
| 230         | Baud rate valid for synchronous only                                    |
| 231         | Duplicate Baud Rate                                                     |
| 232         | Board must be busied out first                                          |
| 233         | Transfer type invalid for configuration                                 |
| 234         | Full update in progress                                                 |
| 235         | Remote subscriber limit hit                                             |
| 236         | No remote subscriber IDs                                                |
| 237         | Update from this machine not allowed                                    |
| 1000        | Not owner of resource                                                   |
| 1001        | Too many actions requested                                              |
| 1002        | Operation halted                                                        |
| 1003        | Enhanced transfer not active                                            |
| 1004        | Audit had to do a fix                                                   |
| 1005        | Resource allocation failure                                             |
| 1006        | At end of message                                                       |
| 1007        | At start of the message                                                 |
| 1008        | Another audit already in progress                                       |
| 1009        | Bad announcement                                                        |
| 1010        | Bad checksum                                                            |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                              |
|-------------|-------------------------------------------------|
| 1011        | Bad file format                                 |
| 1012        | Invalid fragment ID entered                     |
| 1013        | No record with desired key is found             |
| 1014        | List to be added does not exist                 |
| 1015        | Bad master file system                          |
| 1016        | Both master and slave file systems have errors  |
| 1017        | Invalid port                                    |
| 1018        | Incorrect record length read                    |
| 1019        | Conflicting start operation already in progress |
| 1020        | Bad slave file system                           |
| 1021        | The subscriber does not exist                   |
| 1022        | Bad server                                      |
| 1023        | Value out of range                              |
| 1024        | Invalid transaction ID                          |
| 1025        | Label does not match disk label                 |
| 1026        | Unassigned data link                            |
| 1027        | Background timeout                              |
| 1028        | Write/Read buffer ID illegal                    |
| 1029        | Illegal xact-lock #                             |
| 1030        | Only active file system fragments may be cached |
| 1031        | Invalid configuration                           |
| 1032        | Command invalid in current state                |
| 1033        | Invalid command length                          |
| 1034        | Error code for invalid community ID             |
| 1035        | Controller not configured                       |
| 1036        | Device or controller not configured **          |
| 1037        | Press delete again for confirmation             |
| 1038        | System is in a conflicting state                |
| 1039        | Invalid date                                    |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                               |
|-------------|--------------------------------------------------|
| 1040        | Resource deallocation failure                    |
| 1041        | Can't delete ACTIVE or ADMIN versions            |
| 1042        | Covering extension is invalid                    |
| 1043        | Dial denied                                      |
| 1044        | Data is unavailable — check back later           |
| 1045        | Duplicate extension — already in use             |
| 1046        | Duplicate alias exist                            |
| 1047        | Duplicate user name — already in use             |
| 1048        | Duplicate node name                              |
| 1049        | Duplicate range — already in use                 |
| 1050        | Duplicate touch tone equivalent — already in use |
| 1051        | Duplicate disk label on system                   |
| 1052        | Empty                                            |
| 1053        | Enhanced transfer set to not active              |
| 1054        | Enter a value in this field                      |
| 1055        | Invalid extension length                         |
| 1056        | Too few digits entered                           |
| 1057        | Invalid flag value                               |
| 1058        | No such file name                                |
| 1059        | Field name too long                              |
| 1060        | Field not empty                                  |
| 1061        | Wrong file organization                          |
| 1062        | File system name is too big                      |
| 1063        | Help request                                     |
| 1064        | Invalid hour                                     |
| 1065        | Hardware unit not configured                     |
| 1066        | Invalid hardware unit                            |
| 1067        | Hangup                                           |
| 1068        | Hardware error                                   |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                      |
|-------------|---------------------------------------------------------|
| 1069        | Invalid code                                            |
| 1070        | Invalid system ID                                       |
| 1071        | Invalid end of file setting                             |
| 1072        | Invalid extension for this node                         |
| 1073        | Invalid access code                                     |
| 1074        | Announcement version not active                         |
| 1075        | Incompatible data                                       |
| 1076        | Inconclusive result from Mtce Activity                  |
| 1077        | Disk initialization selected, press 'y' to confirm      |
| 1078        | Invalid number of digits                                |
| 1079        | Invalid file system for mirroring                       |
| 1080        | File system being mirrored or already mirrored          |
| 1081        | Data mirroring initiation in progress                   |
| 1082        | Incorrect length on address ranges                      |
| 1083        | Invalid initialization for RS232 modem                  |
| 1084        | Invalid input                                           |
| 1085        | Invalid message                                         |
| 1086        | Invalid session ID                                      |
| 1087        | Invalid test for current switch connection type         |
| 1088        | Invalid vintage                                         |
| 1089        | Key already exists or attempt to write on pristine file |
| 1090        | Bad key length                                          |
| 1091        | Extension range exceeds limit                           |
| 1092        | Length of message slot out of range                     |
| 1093        | Data link not maintenance busy for testing              |
| 1094        | Link error                                              |
| 1095        | Multiple tests of data link interface not allowed       |
| 1096        | Local machine name specified                            |
| 1097        | Too many digits entered                                 |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                            |
|-------------|-----------------------------------------------|
| 1098        | Request rejected                              |
| 1099        | Recorded maximum allowed                      |
| 1100        | Invalid message body ID                       |
| 1101        | Too many devices                              |
| 1102        | Machine name exists                           |
| 1103        | Invalid mode                                  |
| 1104        | Another call is necessary                     |
| 1105        | File system mounted                           |
| 1106        | Maximum rescheduling attempts reached         |
| 1107        | No such alias exists                          |
| 1108        | Boot file system does not exist               |
| 1109        | No call in progress using specified device    |
| 1110        | Invalid channel                               |
| 1111        | Invalid class of service                      |
| 1112        | Copy from active boot file system not allowed |
| 1113        | Not an enterable field                        |
| 1114        | The object does not exist                     |
| 1115        | No such field index                           |
| 1116        | Distribution list does not exist              |
| 1117        | No file system mounted                        |
| 1118        | No message found                              |
| 1119        | Number of message slots out of range          |
| 1120        | Number of network channels out of range       |
| 1121        | No loop current after off-hook                |
| 1122        | No carrier                                    |
| 1123        | No status information to retrieve             |
| 1124        | Cannot decrease file system size              |
| 1125        | Not a valid field for delete                  |
| 1126        | No dial                                       |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                  |
|-------------|-----------------------------------------------------|
| 1127        | Loop current detected after on-hook                 |
| 1128        | Not duplicated                                      |
| 1129        | File system doesn't exist                           |
| 1130        | Audit error but not allowed to fix it               |
| 1131        | Flash hook for transfer failed                      |
| 1132        | No locks                                            |
| 1134        | Logical copy to nonexisting file system not allowed |
| 1135        | Measurements not turned on                          |
| 1136        | Modem Looparound test not available.                |
| 1137        | No more objects                                     |
| 1138        | Last node in node list, cannot remove it            |
| 1139        | Physical copy to existing file system not allowed   |
| 1140        | Outpulse for transfer failed                        |
| 1141        | No more records                                     |
| 1142        | Cannot supply requested resource                    |
| 1143        | No ringing                                          |
| 1144        | RS232 ports unavailable                             |
| 1145        | No available space or resource                      |
| 1146        | No port translation for requested port              |
| 1147        | Message not scheduled                               |
| 1148        | Volume does not exist                               |
| 1149        | No tasks waiting on event                           |
| 1150        | System covering extension not assigned              |
| 1151        | Call transfer out of AUDIX feature not active       |
| 1152        | Null primary key illegal                            |
| 1153        | Wrong number of primary keys                        |
| 1154        | Space not previously reserved                       |
| 1155        | Thresholds appear out of order                      |
| 1156        | File system in use — admin shutdown required        |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                        |
|-------------|-----------------------------------------------------------|
| 1157        | Not same record as in file                                |
| 1158        | No such table                                             |
| 1159        | No volume                                                 |
| 1160        | No more entries left in xfile                             |
| 1161        | End of audit                                              |
| 1162        | Old password must be entered                              |
| 1163        | No more messages                                          |
| 1164        | Invalid command opcode                                    |
| 1165        | Unit or device being equipped out of order                |
| 1166        | More than MAX_NPORTS incoming NET manager files           |
| 1167        | Warning, overlapping ranges                               |
| 1168        | Invalid password                                          |
| 1169        | Port number is out of range                               |
| 1170        | No partial overlaps permitted                             |
| 1171        | Invalid procedure ID                                      |
| 1172        | Data link read operation failure                          |
| 1173        | Reset returned non-zero status bits                       |
| 1174        | Resume returned non-zero status bits                      |
| 1175        | Field only relevant for local machines                    |
| 1176        | Ring — no answer                                          |
| 1177        | Message transmission schedule exceeds 24 hours            |
| 1178        | Duplicate local or remote extension in use                |
| 1179        | Use <code>new ext</code> field to change subscriber ext   |
| 1180        | Request rejected                                          |
| 1181        | Slot in use                                               |
| 1182        | Use <code>new name</code> field to change subscriber name |
| 1183        | Invalid speed value specified                             |
| 1184        | At first message, cannot rewind                           |
| 1185        | Invalid device state transition                           |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                   |
|-------------|------------------------------------------------------|
| 1186        | Dialed through an announcement                       |
| 1187        | Local subscriber name specified                      |
| 1188        | Master and slave file systems cannot be on same disk |
| 1189        | Invalid switch — check system                        |
| 1190        | System error                                         |
| 1191        | Value exceeds system limits                          |
| 1192        | System error on system                               |
| 1193        | covering extension not verified                      |
| 1194        | Total size of mailbox out of range                   |
| 1195        | Table not open                                       |
| 1196        | Test failed                                          |
| 1197        | Timeout occurred                                     |
| 1198        | Timer error                                          |
| 1199        | Length or value too big                              |
| 1200        | Argument is too long                                 |
| 1201        | Too many message waiting ports specified             |
| 1202        | No room for another table                            |
| 1203        | Two hold delivery requests for same session          |
| 1204        | Unequipped position                                  |
| 1205        | Unknown logical board number                         |
| 1206        | Unknown logical board type                           |
| 1207        | Unoccupied entry in btree table                      |
| 1208        | Filesystem in use                                    |
| 1209        | User ID invalid                                      |
| 1210        | Voice activity halted by Voice Buffer                |
| 1211        | Incompatible version                                 |
| 1212        | Invalid volume name                                  |
| 1213        | Unmatched volume label                               |
| 1214        | Data link write operation failure                    |

*Continued on next page*

**Table A-1. Migration Error Codes — Continued**

| <b>Code</b> | <b>Description</b>                                                       |
|-------------|--------------------------------------------------------------------------|
| 1215        | Automated attendant group assigned, but no automated attendant extension |
| 1216        | Port not available for use                                               |
| 1217        | CDR Confirmation                                                         |
| 1218        | CDR Exists                                                               |
| 1219        | Cannot decrease records                                                  |
| 1220        | Cannot change adjunct mactype                                            |
| 1221        | Not a subscriber                                                         |
| 1222        | No reusable subscriber ID                                                |
| 1223        | Name already in use                                                      |
| 1224        | Not owner of resource                                                    |
| 1225        | Tone interrupt (VB driver)                                               |
| 1226        | Halt interrupt (VB driver)                                               |
| 1227        | Pause interrupt (VB driver)                                              |
| 1228        | Audit found uncorrectable problem                                        |
| 1229        | No voice connection exists                                               |
| 1230        | Operation failed                                                         |
| 1231        | Remote subscriber - limit                                                |
| 1232        | Remote subscriber - no subscriber ID                                     |

## **Migration Field Descriptions**

Table A-2 lists field descriptions and their codes. The field numbers correspond to the fields for the Add Subscriber screen. The descriptions provide information about local machine ranges that are not administered correctly.

**Table A-2. Migration Field Descriptions**

| <b>Description</b>                            | <b>Field</b> |
|-----------------------------------------------|--------------|
| Subscriber not within defined extension range | -1           |
| Name                                          | 00           |
| COS                                           | 01           |
| Locked?                                       | 02           |
| Extension                                     | 03           |
| Password                                      | 04           |
| CA permissions                                | 05           |
| announcement control                          | 06           |
| incoming mbx order                            | 07           |
| outgoing mbx order                            | 08           |
| incoming mailbox category                     | 09           |
| outgoing mailbox category                     | 10           |
| outgoing mailbox delv/undelv                  | 11           |
| VM message max length                         | 12           |
| CA message max length                         | 13           |
| VM message min needed                         | 14           |
| CA message min needed                         | 15           |
| maximum mailing lists                         | 16           |
| not defined                                   | 17           |
| total entries in lists                        | 18           |
| mailbox size                                  | 19           |
| minimum guarantee                             | 20           |
| addressing format                             | 21           |
| outgoing mailbox filecab                      | 22           |

*Continued on next page*

**Table A-2. Migration Field Descriptions — Continued**

| <b>Description</b>                                        | <b>Field</b> |
|-----------------------------------------------------------|--------------|
| incoming mailbox retention times (new)                    | 23           |
| incoming mailbox retention times (old)                    | 24           |
| incoming mailbox retention times (unopened)               | 25           |
| not defined                                               | 26           |
| not defined                                               | 27           |
| Switch Number                                             | 28           |
| Misc                                                      | 29           |
| Covering Extension                                        | 30           |
| outcalling                                                | 31           |
| hidden left bot pag 1                                     | 32           |
| hidden right bot pag 1 - User ID (i.e., Text Svc Machine) | 33           |
| Community ID                                              | 34           |
| Broadcast Mailbox                                         | 35           |
| priority messages                                         | 36           |
| broadcast                                                 | 37           |
| hidden: new subscriber extension                          | 38           |
| SUBSCRIBER (new)                                          | 39           |
| allow call transfer                                       | 40           |
| automated attendant information                           | 41           |
| automated attendant information                           | 42           |
| automated attendant information                           | 43           |
| automated attendant information                           | 44           |
| automated attendant information                           | 45           |
| automated attendant information                           | 46           |
| automated attendant information                           | 47           |
| automated attendant information                           | 48           |
| automated attendant information                           | 49           |
| automated attendant information                           | 50           |
| automated attendant information                           | 51           |

*Continued on next page*

**Table A-2. Migration Field Descriptions — Continued**

| <b>Description</b>               | <b>Field</b> |
|----------------------------------|--------------|
| automated attendant information  | 52           |
| automated attendant information  | 53           |
| automated attendant information  | 54           |
| automated attendant information  | 55           |
| automated attendant information  | 56           |
| automated attendant information  | 57           |
| automated attendant information  | 58           |
| automated attendant information  | 59           |
| automated attendant information  | 60           |
| automated attendant information  | 61           |
| automated attendant information  | 62           |
| automated attendant information  | 63           |
| automated attendant information  | 64           |
| automated attendant information  | 65           |
| automated attendant information  | 66           |
| automated attendant information  | 67           |
| automated attendant information  | 68           |
| automated attendant information  | 69           |
| automated attendant information  | 70           |
| automated attendant information  | 71           |
| automated attendant information  | 72           |
| automated attendant information  | 73           |
| length of time on initial entry  | 74           |
| hidden top page 2                | 75           |
| EOM Warning secs                 | 76           |
| hidden password                  | 77           |
| login announcement               | 78           |
| MWL flag - display only          | 79           |
| call answer primary announcement | 80           |

*Continued on next page*

**Table A-2. Migration Field Descriptions — *Continued***

| <b>Description</b>                         | <b>Field</b> |
|--------------------------------------------|--------------|
| call answer language choice                | 81           |
| call answer secondary announcement         | 82           |
| hidden confirm call answer language choice | 83           |
| IMAPI permission                           | 84           |
| IMAPI voice files permission               | 85           |
| FAX Extension                              | 86           |
| FAX Allowed                                | 87           |
|                                            | 88           |
|                                            | 89           |
| TS allow                                   | 90           |

---

## Migrating Multiple Systems

# B

---

### **Migrating Multiple Systems to the Lucent INTUITY System**

---

In most cases, a customer can migrate data from one or more of the following voice messaging systems to the Lucent™ INTUITY™ system:

- AUDIX® R1
- DEFINITY® AUDIX
- AUDIX Voice Power™
- MERLIN LEGEND® AUDIX Voice Power (IS II or IS III) systems)

Table B-1 lists the type of data migrated from a system to the Lucent INTUITY system.

**Table B-1. Migrated Data**

| <b>System</b>                                           | <b>Migrated Data</b>                              |
|---------------------------------------------------------|---------------------------------------------------|
| AUDIX R1                                                | Local and remote subscriber data, and voice data  |
| DEFINITY AUDIX                                          | Subscriber data, voice data, and most system data |
| AUDIX Voice Power                                       | Subscriber data                                   |
| MERLIN LEGEND<br>AUDIX Voice Power<br>(IS II or IS III) | Subscriber data                                   |

 **CAUTION:**

*Migrating DEFINITY AUDIX data overwrites any existing data on the Lucent INTUITY system, including any data previously migrated.*

Use the following guidelines to help you migrate data from more than one system to the Lucent INTUITY system:

- Migrate data from:
  - Multiple AUDIX R1 systems to an Lucent INTUITY system
  - Multiple AUDIX Voice Power systems to an Lucent INTUITY system.
  - Combinations of AUDIX R1, AUDIX Voice Power, and DEFINITY AUDIX systems.

 **NOTE:**

You must migrate data from a DEFINITY AUDIX system before you migrate data from an AUDIX R1 or AUDIX Voice Power system. A customer cannot migrate more than one DEFINITY AUDIX to a single Lucent INTUITY system.

- Perform each migration as if it were a single migration. Complete one migration before you start the next migration. However, the switch-related tasks are only completed once.
- Preadminister the Lucent INTUITY system's address range on the Machine Profile screen to incorporate address ranges for all systems from which you are migrating.
- Administer the extension length on each machine you are migrating so that it is identical to that of every other machine being migrated.

- Preadminister the names and address ranges of networked machines on the Lucent INTUITY system using the same sequence administered on the first system you migrate. This ensures that the voice IDs of the machines remain the same.

 **NOTE:**

If you are migrating systems that were formerly networked, you should still add their names in the Lucent INTUITY system's list of networked machines. The Lucent INTUITY system deletes them at the next audit when it finds that an actual machine no longer exists.

- Verify that administrators at remote machines will add the name of the Lucent INTUITY system to the network and delete the names of systems that have migrated to the Lucent INTUITY system. Verify that they will run a **get remote update** on the Lucent INTUITY machine to capture the subscribers migrated to the Lucent INTUITY system.
- Remind the customer that subscribers you are migrating may have names or extensions that are identical to those of subscribers already migrated. When this happens, the subscribers are not added to the database and are flagged in the log file.



---

# Glossary

## **5ESS Switch**

A central office switch manufactured by Lucent Technologies that can be integrated with the Lucent INTUITY™ system.

---

## **A**

### **accessed message**

A message that was received and scanned (either the entire message or just the header).

### **ACA**

See *automatic circuit assurance*.

### **ACD**

See *automatic call distribution*.

### **activity menu**

The list of options spoken to users when they first access a messaging system. Selecting an activity is the starting point for all user operations.

### **ADAP**

See *administration and data acquisition package*.

### **address**

INTUITY AUDIX user identification, containing the user's extension and machine, that indicates where the system needs to deliver a message. An address may include several users or mailing lists. Name or number addressing can be selected with the **\*A** (Address) command.

### **adjunct**

A separate system closely integrated with a switch, such as a Lucent INTUITY system or a call management system (CMS).

### **administration**

The process of setting up a system (such as a switch or a messaging system) to function as desired. Options and defaults are normally set up (translated) by the system administrator or service personnel.

### **administration and data acquisition package (ADAP)**

A software package that allows the system administrator to transfer system user, maintenance, or traffic data from an INTUITY AUDIX system to a personal computer (PC).

### **ADU**

See *asynchronous data unit*.

### **alarm log**

A list of alarms that represent all of the active or resolved problems on a Lucent INTUITY system. The alarm log is stored in a software file on disk and can be accessed either locally or remotely on a terminal connected to the system.

### **alarms**

Hardware, software, or environmental problems that may affect system operation. Alarms are classified as *major*, *minor*, or *warning*.

**alphanumeric**

Consisting of alphabetic and numeric symbols or punctuation marks.

**ALT**

See *assemble, load, and test*.

**American wire gauge (AWG)**

A standard measuring gauge for nonferrous conductors.

**AMIS**

See *Audio Messaging Interchange Specification*.

**AMIS prefix**

A number added to the destination number to indicate that it is an AMIS analog networking number.

**analog networking**

A method of transferring a message from one messaging system to another whereby the message is played back (voiced) during the transfer.

**analog signal**

In teleprocessing usage, a communications path that usually refers to a voice-grade telephone line.

**announcement**

A placeholder within the Lucent INTUITY system for playing fragments. Each event that may occur within AUDIX has one or more announcement numbers permanently assigned to it. Fragment numbers are then assigned to the announcement numbers.

**announcement fragment**

A numbered piece of spoken information that makes up a system message or prompt.

**antistatic**

A treatment for material to prevent the build-up of static electricity.

**API**

See *application programming interface*.

**application**

A computer software program.

**application identifier**

A two-letter code used in the administrator's log to identify the application or subsystem for which an alarm is being generated. There are 11 application identifiers as follows: CA (Call Accounting), EL (Enhanced List), LF (Lodging Fax), LG (Lucent INTUITY Lodging), ML (MERLIN LEGEND), MT (Maintenance), NW (Digital Networking), SW (Switch Integration), VM (Voice Messaging), VP (Voice Processing), and VR (Voice Response).

**application programming interface (API)**

A set of formalized software calls and routines that an application program can reference to access underlying network services.

**assemble, load, and test (ALT)**

The Lucent factory process that preloads software, installs hardware, and tests the system prior to shipping.

**ASP**

advanced signal processor

**asynchronous communication**

A method of data transmission in which bits or characters are sent at irregular intervals and spaced by start and stop bits rather than time. See also *synchronous communication*.

**asynchronous data unit (ADU)**

An electronic communications device that can extend data transmission over asynchronous lines more than 50 feet in length. Recommended ADUs for use with the Lucent INTUITY system include Z3A1 or Z3A4.

**asynchronous transmission**

A form of serial communications where each transmitted character is bracketed with a start bit and one or two stop bits. The Lucent INTUITY system provides asynchronous EIA-232 capabilities for INTUITY AUDIX Digital Networking, if required.

**attendant console**

A special-purpose telephone with numerous lines and features usually located at the front desk of a business or other organization. The front desk attendant uses this telephone to answer and transfer calls.

**Audio Messaging Interchange Specification (AMIS)**

An analog networking protocol that allows users to exchange messages with any messaging system that also has AMIS Analog Networking capabilities. Messages can be exchanged with users on Lucent INTUITY systems as well as with users on remote messaging systems made by vendors other than Lucent Technologies.

**Audio Information Exchange (AUDIX)**

A complete messaging system accessed and operated by touch-tone telephones and integrated with a switch.

**audit**

A software program that resolves filesystem incompatibilities and updates restored filesystems to a workable level of service. Audits are done automatically on a periodic basis, or can be performed on demand.

**AUDIX**

See *Audio Information Exchange*.

**autodelete**

An INTUITY AUDIX feature that allows users to designate that faxes be automatically deleted from their mailboxes after they are printed.

**automated attendant**

A Lucent INTUITY system feature that allows users to set up a main extension number with a menu of options that routes callers to an appropriate department at the touch of a button.

**automatic call distribution (ACD)**

The System 85, Generic 2, or Generic 3 call-distribution group of analog ports that connects Lucent INTUITY users to the system. See also *call-distribution group*.

**automatic circuit assurance (ACA)**

A feature of the switch that keeps records of both very long and very short calls and notifies the attendant when these calls exceed a certain parameter. The logic is that many very short calls or one very long one may suggest a trunk that is hung, broken, or out of order. The attendant can then physically dial into the trunk to check it.

**automatic message scan**

An INTUITY AUDIX feature that allows users to scan all message headers and messages at the touch of two buttons. With Lucent INTUITY FAX Messaging, this feature allows all new faxes to be bundled and transmitted over a single fax call delivery call. Also called *autoscan*.

**autoprint**

An INTUITY AUDIX feature that allows users to designate that faxes be automatically sent to a specified print destination.

**autoscan**

See *automatic message scan*.

**AWG**

See *American wire gauge*.

---

## B

**background testing**

Testing that runs continuously when the system is not busy doing other tasks.

**backplane**

A centrally located device within a computer to which individual circuit cards are plugged for communication across an internal bus.

**backup**

A duplicate copy of files and directories saved on a removable medium such as floppy diskette or tape. The back-up filesystem can be copied back (restored) if the active version is damaged (corrupted) or lost.

**basic input/output system (BIOS)**

A system that contains the buffers for sending information from a program to the actual hardware device for which the information is intended.

**basic call transfer**

The switch-hook flash method used to send the INTUITY AUDIX transfer command over analog voice ports.

**basic rate access**

See *basic rate interface*.

**basic rate interface (BRI)**

International standard protocol for connecting a station terminal to an integrated systems digital network (ISDN) switch. ISDN BRI supports two 64-Kbps information-bearer channels (B1 and B2), and one 16-Kbps call status and control (D) channel (a 2B + D format). Also called *basic rate access*.

**binary synchronous communications (BSC)**

A character-oriented synchronous link protocol.

**BIOS**

See *basic input/output system*.

**body**

The part of a Lucent INTUITY voice mail that contains the actual spoken message. For a leave word calling (LWC) message, it is a standard system announcement.

**boot**

The operation to start a computer system by loading programs from disk to main memory (part of system initialization). Booting is typically accomplished by physically turning on or restarting the system. Also called *reboot*.

**boot filesystem**

The filesystem from which the system loads its initial programs.

**BRI**

See *basic rate interface*.

**broadcast messaging**

An INTUITY AUDIX feature that enables the system administrator and other designated users to send a message to all users automatically.

**BSC**

See *binary synchronous communications*.

**buffer**

A temporary storage area used to equalize or balance different operating speeds. A buffer can be used between a slow input device, such as a terminal keyboard, and the main computer, which operates at a very high speed.

**bulletin board**

An INTUITY AUDIX feature that allows a message to be played to callers who dial the bulletin board extension. Callers cannot leave a message since it is a listen-only service. Also called *information service*.

**bundling**

Combining several calls and handling them as a single call. See also *automatic message scan*.

**bus**

An electrical connection/cable allowing two or more wires, lines, or peripherals to be connected together.

**busy-out/release**

To remove a Lucent INTUITY device from service (make it appear busy or in use), and later restore it to service (release it). The Lucent INTUITY switch data link, voice ports, or networking ports can be busied out if they appear faulty or when maintenance tests are run.

---

## C

**CA**

Call accounting system application identifier. See *application identifier*.

**call accounting system (CAS)**

A software device that monitors and records information about a calling system.

**call-answer**

An INTUITY AUDIX feature that allows the system to answer a call and record a message when the user is unavailable. Callers can be redirected to the system through the call coverage or call forwarding switch features. INTUITY AUDIX users can record a personal greeting for these callers.

**call-answer language choice**

The capability of user mailboxes to accept messages in different languages. For the INTUITY AUDIX application, this capability exists when the multilingual feature is turned on.

**callback number**

In AMIS analog networking, the telephone number transmitted to the recipient machine to be used in returning messages that cannot be delivered.

**call classification analysis (CCA)**

A process that enables application designers to use information available within the system to classify the disposition of originated and transferred calls.

**call coverage**

A switch feature that defines a preselected path for calls to follow if the first (or second) coverage points are not answered. The Lucent INTUITY system can be placed at the end of a coverage path to handle redirected calls through call coverage, send all calls, go to cover, etc.

**call data handler process (CDH)**

A software process that accumulates generic call statistics and application events.

**call detail recording (CDR)**

A switch feature that uses software and hardware to record call data. See also *call detail recording utility*.

**call detail recording utility (CDRU)**

Applications software that collects, stores, optionally filters, and outputs call detail records for direct or polled output to peripheral devices. See also *call detail recording*.

**call delivery**

See *message delivery*.

**call-distribution group**

The set of analog port cards on the switch that connects switch users to the Lucent INTUITY system by distributing new calls to idle ports. This group (or split) is called automatic call distribution (ACD) on System 85, Generic 2, and Generic 3 and uniform call distribution (UCD) on System 75, Generic 1, and Generic 3. See also *automatic call distribution* and *uniform call distribution*.

**call management system (CMS)**

An inbound call distribution and management reporting package.

**called tone (CED tone)**

The distinctive tone generated by a fax endpoint when it answers a call (a constant 2100-Hz tone).

**called subscriber information (CSI)**

The identifier for the answering fax endpoint. This identifier is sent in the T.30 protocol and is generally the telephone number of the fax endpoint.

**calling tone (CNG tone)**

The distinctive tone generated by a fax endpoint when placing a call (a constant 1100-Hz tone that is on for 1/2 second, off for 3 seconds).

**call vectoring**

A System 85 R2V4, Generic 2, and Generic 3 feature that uses a vector (switch program) to allow a switch administrator to customize the behavior of calls sent to an automatic call distribution (ACD) group.

**card cage**

An area within the Lucent INTUITY hardware platform that contains and secures all of the standard and optional circuit cards used in the system.

**cartridge tape drive**

A high-capacity data storage/retrieval device that can be used to transfer large amounts of information onto high-density magnetic cartridge tape based on a predetermined format. This tape is to be removed from the system and stored as a backup.

**CAS**

See *call accounting system*.

**CCA**

See *call classification analysis*.

**CDH**

See *call data handler process*.

**CDR**

See *call detail recording*.

**CDRU**

See *call detail recording utility (CDRU)*.

**CED tone**

See *called tone*.

**CELP**

See *code excited linear prediction*.

**central office (CO)**

An office or location in which large telecommunication equipment such as telephone switches and network access facilities are maintained. In a CO, private customer lines are terminated and connected to the public network through common carriers.

**central processing unit (CPU)**

The component of the computer that manipulates data and processes instructions coming from software.

**channel**

A telecommunications transmission path for voice and/or data.

**channel capacity**

A measure of the maximum bit rate through a channel.

**class of restriction (COR)**

A feature that allows up to 64 classes of call-origination and call-termination restrictions for telephones, telephone groups, data modules, and trunk groups. See also *class of service*.

**class of service (COS)**

The standard set of INTUITY AUDIX features given to users when they are first administered (set up with a voice mailbox). See also *class of restriction*.

**clear to send (CTS)**

Located on Pin 5 of the 25-conductor RS-232 interface, CTS is used in the transfer of data between the computer and a serial device.

**client**

A computer that sends, receives and uses data, but that also shares a larger resource whose function is to do most data storage and processing. For Lucent INTUITY Message Manager, the user's PC running Message Manager is the client. See also *server*.

**CMS**

See *call management system*.

**CNG tone**

See *calling tone*.

**CO**

See *central office*.

**COR**

See *class of restriction*.

**COS**

See *class of service*.

**code excited linear prediction (CELP)**

An analog-to-digital voice coding scheme.

**collocated**

A Lucent INTUITY system installed in the same physical location as the host switch. See also *local installation*.

**collocated adjunct**

Two or more adjuncts that are serving the same switch (that is, each has voice port connections to the switch) or that are serving different switches but can be networked through a direct RS-232 connection due to their proximity.

**comcode**

A numbering system for telecommunications equipment used by Lucent Technologies. Each comcode is a 9-digit number that represents a specific piece of hardware, software, or documentation.

**command**

An instruction or request given by the user to the software to perform a particular function. An entire command consists of the command name and options. Also, one-key or two-key touch tones that control a mailbox activity or function.

**community**

A group of telephone users administered with special send and receive messaging capabilities. A community is typically comprised of people who need full access to each other by telephone on a frequent basis. See also *default community*.

**compound message**

A message that combines a voice message and a fax message into one unit, which INTUITY AUDIX then handles as a single message.

**configuration**

The particular combination of hardware and software components selected for a system, including external connections, internal options, and peripheral equipment.

**controller circuit card**

A circuit card used on a computer system that controls its basic functionality and makes the system operational. These cards are used to control magnetic peripherals, video monitors, and basic system communications.

**COS**

See *class of service*.

**coverage path**

The sequence of alternate destinations to which a call to a user on a Lucent INTUITY system is automatically sent when it is not answered by the user. This sequence is set up on the switch, normally with the Lucent INTUITY system as the last or only destination.

**CPU**

See *central processing unit*.

**cross connect**

Distribution-system equipment used to terminate and administer communication circuits.

**cross connection**

The connection of one wire to another, usually by anchoring each wire to a connecting block and then placing a third wire between them so that an electrical connection is made.

**CSI**

See *called subscriber information*.

**CTS**

See *clear to send*.

---

## D

**DAC**

See *dial access code*.

**database**

A structured set of files, records, or tables. Also, a collection of filesystems and files in disk memory that store the voice and nonvoice (program data) necessary for Lucent INTUITY system operation.

**data communications equipment (DCE)**

Standard type of data interface normally used to connect to data terminal equipment (DTE) devices. DCE devices include the data service unit (DSU), the isolating data interface (IDI), and the modular processor data module (MPDM).

**data communications interface unit (DCIU)**

A switch device that allows nonvoice (data) communication between a Lucent INTUITY system and a Lucent switch. The DCIU is a high-speed synchronous data link that communicates with the common control switch processor over a direct memory access (DMA) channel that reads data directly from FP memory.

**data link**

A term used to describe the communications link used for data transmission from a source to a destination, for example, a telephone line for data transmission.

**data service unit (DSU)**

A device used to access digital data channels. DATAPHONE II 2500 DSUs are synchronous data communications equipment (DCE) devices used for extended-local Lucent INTUITY system connections. The 2600 or 2700 series may also be used; these support diagnostic testing and the DATAPHONE II Service network system.

**data set**

Another term for a modem, although a data set usually includes the telephone. See also *modem*.

**data terminal equipment (DTE)**

Standard type of data interface normally used for the endpoints in a connection. Normally the Lucent INTUITY system, most terminals, and the switch data link are DTE devices.

**DBP**

See *data base processor*.

**DCE**

See *data communications equipment*.

**DCIU**

See *data communications interface unit*.

**DCP**

See *digital communications protocol*.

**DCS**

See *distributed communications system*.

**debug**

See *troubleshooting*.

**dedicated line**

A communications path that does not go through a switch. A dedicated (hard-wired) path can be formed with directly connected cables. MPDMs, DSUs, or other devices can also be used to extend the distance that signals can travel directly through the building wiring.

**default**

A value that is automatically supplied by the system if no other value is specified.

**default community**

A group of telephone users administered with restrictions to prevent them from sending messages to or receiving messages from other communities. If a system is administered to use communities, the default community is comprised of all the AUDIX users defined on that system.

**default print number**

The user-administered extension to which autoprinted faxes are redirected upon their receipt into the user's mailbox. This default print destination is also provided as a print option when the user is manually retrieving and printing faxes from the mailbox.

**delivered message**

A message that has been successfully transmitted to a recipient's incoming mailbox.

**demand testing**

Testing performed on request (usually by service personnel).

**diagnostic testing**

A program run for testing and determining faults in the system.

**dial-ahead/dial-through**

The act of interrupting or preceding INTUITY AUDIX system announcements by typing (buffering) touch-tone commands in the order the system would normally prompt for them.

**dial string**

A series of numbers used to initiate a call to a remote AMIS machine. A dial string tells the switch what type of call is coming (local or long distance) and gives the switch time to obtain an outgoing port, if applicable

**dialed number identification service (\*DNIS\_SVC)**

An available channel service assignment on the Lucent INTUITY system. Assigning this service to a channel permits the Lucent INTUITY system to interpret information from the switch and operate the appropriate application for the incoming telephone call.

**DID**

See *direct inward dialing*.

**digital communications protocol (DCP)**

A 64-Kbps digital data transmission code with a 160-Kbps bipolar bit stream divided into two information (I) channels and one signaling (S) channel.

**digital networking**

A method of transferring messages between messaging systems in a digital format. See also *INTUITY AUDIX Digital Networking*.

**digital signal processor (DSP)**

A specialized digital microprocessor that performs calculations on digitized signals that were originally analog and then sends the results on.

**DIP switch**

See *dual in-line package switch*.

**direct inward dialing (DID)**

The ability for an outside caller to call an internal extension without having to pass through an operator or attendant.

**direct memory access (DMA)**

A quick method of moving data from a storage device directly to RAM, which speeds processing.

**directory**

1. A Lucent INTUITY AUDIX feature that allows you to hear a user's name and extension after pressing **\* \* N** at the activity menu. 2. A group of related files accessed by a common name in software.

**display terminal**

A data terminal with a screen and keyboard used for displaying Lucent INTUITY screens and performing maintenance or administration activities.

**distributed communications system (DCS)**

A network of two or more switches that uses logical and physical data links to provide full or partial feature transparency. Voice links are made using tie trunks.

**distribution list**

See *mailing list*.

**DMA**

See *direct memory access*.

**DNIS**

See *dialed number identification service*.

**domain**

An area where data processing resources are under common control. The INTUITY AUDIX system is one domain and an e-mail system is another domain.

**DSP**

See *digital signal processor*.

**DSU**

See *data service unit*.

**DTE**

See *data terminal equipment*.

**DTMF**

See *dual tone multifrequency*.

**dual in-line package (DIP) switch**

A small switch, usually attached to a printed circuit card, in which there are only two settings: on or off (or 0 or 1). DIP switches are used to configure the card in a semipermanent way.

**dual language greetings**

The capability of INTUITY AUDIX users to create personal greetings in two different languages—one in a primary language and one in a secondary language. This capability exists when the multilingual feature is turned on, and the prompts for user mailboxes can be in either of the two languages.

**dual tone multifrequency (DTMF)**

A way of signaling consisting of a pushbutton or touch-tone dial that sends out a sound consisting of two discrete tones that can be picked up and interpreted by telephone switches.

---

**E**

**EIA interface**

A set of standards developed by the Electrical Industries Association (EIA) that specifies various electrical and mechanical characteristics for interfaces between electronic devices such as computers, terminals, and modems. Also known as *RS-232*.

**ELA**

See *Enhanced-List Application*.

**electronic mail**

See *e-mail*.

**electrostatic discharge (ESD)**

The discharge of a static charge on a surface or body through a conductive path to ground, ESD can damage integrated circuits.

**e-mail**

The transfer of a wide variety of message types across a computer network (LAN or WAN). E-mail messages may be text messages containing only ASCII files or may be complex multimedia messages containing embedded voice messages, software files, and images.

**enabled/disabled**

The state of a hardware device that indicates whether it is available for use by the Lucent INTUITY system. Devices must be equipped before they can be enabled (made active). See also *equipped/unequipped*.

**endpoint**

See *fax endpoint*.

**enhanced call transfer**

An INTUITY AUDIX feature that allows compatible switches to transmit messages digitally over the BX.25 (data) link. This feature is used for quick call transfers and requires a fully integrated digital switch. Callers can only transfer to other extensions in the switch dial plan.

**Enhanced-List Application (ELA)**

An INTUITY AUDIX option that facilitates message delivery to large numbers of recipients. There can be up to 100 enhanced lists per system, each of which can contain up to 1500 addresses.

**enhanced serial data interface (ESDI)**

A software-controlled and hardware-controlled method used to store data on magnetic peripherals.

**equipped/unequipped**

The state of a networking channel that indicates whether Lucent INTUITY software has recognized it. Devices must be equipped before they can be enabled (made active). See also *enabled/disabled*.

**error message**

A message on the screen indicating that something is wrong within the system and possibly suggesting how to correct it.

**errors**

Problems detected by the system during operation and recorded in the maintenance log. Errors can produce an alarm if they exceed a threshold.

**escape from reply**

The ability to quickly return to getting messages for a user who encounters a problem trying to respond to a message. To escape, the user presses **#**.

**escape to attendant**

An INTUITY AUDIX feature that allows users with the call answer feature to have a personal attendant or operator administered to pick up their unanswered calls. A system-wide extension could also be used to send callers to a live agent.

**ESD**

See *electrostatic discharge*.

**ESDI**

See *enhanced serial data interface*.

**event**

An informational messages about the system's activities. For example, an event is logged when the system is rebooted. Events may or may not be related to errors and alarms.

---

## F

**facilities restriction level (FRL)**

A value that determines which types of calls the users of a switch are allowed to make.

**facility out-of-service (FOOS)**

State of operation during which the current channel is not receiving a dial tone and is not functioning.

**facsimile**

1. A digitized version of written, typed, or drawn material transmitted over telephone lines and printed out elsewhere. 2. Computer-generated text or graphics transmitted over computer networks. A computer-generated fax is typically printed to a fax machine, but can remain stored electronically.

**fax**

See *facsimile*.

**fax addressing prefix**

Uniquely identifies a particular fax nodepoint to the Lucent INTUITY system. Used by the system as a "template" to differentiate all call-delivery machines on the network from each other.

**fax endpoint**

Any device capable of receiving fax calls. Fax endpoints include fax machines, individual PC fax modems, fax ports on LAN fax servers, and ports on fax-enabled messaging systems.

**fax print destination prefix**

A dial string that the Lucent INTUITY system adds to the fax telephone number the user enters to print a fax. The system takes the full number (fax print destination prefix + fax telephone extension) and hunts through the machine translation numbers until it finds the specific fax endpoint.

**field**

An area on a screen, menu, or report where information can be typed or displayed.

**FIFO**

See *first-in/first-out*.

**file**

A collection of data treated as a basic unit of storage.

**filename**

Alphanumeric characters used to identify a particular file.

**file redundancy**

See *mirroring*.

**file system**

A collection of related files (programs or data) stored on disk that are required to initialize a Lucent INTUITY system.

**first-in/first-out (FIFO)**

A method of processing telephone calls or data in which the first call or data to be received is the first call or data to be processed.

**F key**

See *function key*.

**FNPAC**

See *foreign numbering-plan area code*.

**FOOS**

See *facility out-of-service*.

**foreign exchange (FX)**

A central office (CO) other than the one providing local access to the public telephone network.

**foreign numbering-plan area code (FNPAC)**

An area code other than the local area code that must be dialed to call outside the local geographical area.

**format**

To set up a disk, floppy diskette, or tape with a predetermined arrangement of characters so that the system can read the information on it.

**FRL**

See *facilities restriction level*.

**function**

Individual steps or procedures within a mailbox activity.

**function key (F key)**

A key on a computer keyboard programmed to perform a defined function when pressed. The user interface for the Lucent INTUITY system defines keys F1 through F8.

**FX**

See *foreign exchange*.

---

## G

**Generic 1, 2, or 3**

Lucent switch system software releases, designed for serving large communities of System 75 and System 85 users.

**generic tape**

A copy of the standard software and stand-alone tape utilities that is shipped with a new Lucent INTUITY system.

**GOS**

See *grade of service*.

**grade of service (GOS)**

A parameter that describes the delays in accessing a port on the Lucent INTUITY system. For example, if the GOS is P05, 95% of the callers hear the system answer and 5% hear ringing until a port becomes available to answer the call.

**guaranteed fax**

A feature of Lucent INTUITY FAX Messaging that temporarily stores faxes sent to a fax machine. In cases where the fax machine is busy or does not answer a call, the call is sent to an INTUITY AUDIX mailbox.

**guest password**

A feature that allows callers who are not INTUITY AUDIX users to leave messages on the system by dialing a user's extension and entering a system-wide guest password.

---

## H

**hard disk drive**

A high-capacity data-storage and data-retrieval device that is located inside a computer. A hard disk drive stores data on nonremovable high-density magnetic media based on a predetermined format for retrieval by the system at a later date.

**hardware**

The physical components of a computer system. The central processing unit, disks, tape, and floppy drives are all hardware.

**header**

Information that the system creates to identify a message. A message header includes the originator or recipient, type of message, creation time, and delivery time.

**help**

A command run by pressing **HELP** or **CTRL ?** on a Lucent INTUITY display terminal to show the options available at your current screen position. In the INTUITY AUDIX system, press **\* H** on the telephone keypad to get a list of options. See also *on-line help*.

**host switch**

The switch directly connected to the Lucent INTUITY system over the data link. Also, the physical link connecting a Lucent INTUITY system to a distributed communications system (DCS) network.

**hunt group**

A group of analog ports on a switch usually administered to search for available ports in a circular pattern.

---

## I

**I/O**

Input/output.

**IDI**

See *isolating data interface*.

**IMAPI**

See *INTUITY messaging application programming interface*.

**INADS**

See *initialization and administration system*.

**information service**

See *bulletin board*.

**initialization**

The process of bringing a system to a predetermined operational state. The start-up procedure tests hardware; loads the boot filesystem programs; locates, mounts, and opens other required filesystems; and starts normal service.

**initialization and administration system (INADS)**

A computer-aided maintenance system used by remote technicians to track alarms.

**initialize**

To start up the system for the first time.

**input**

A signal fed into a circuit or channel.

**integrated services digital network (ISDN)**

A network that provides end-to-end digital connectivity to support a wide range of voice and data services.

**integrated voice processing CELP (IVC6) card**

A computer circuit card that supports both fax processing and voice processing capabilities. It provides two analog ports to support six analog channels. All telephone calls to and from the Lucent INTUITY system are processed through the IVC6 card.

**interface**

The device or software that forms the boundary between two devices or parts of a system, allowing them to work together. See also *user interface*.

**internal e-mail**

Software on a PC that provides messaging capability between users on the same AUDIX system, or to administered remote AUDIX systems and users. Users can create, send, and receive a message that contains multiple media types; specifically, voice, fax, text, or file attachments (software files, such as a word processing or spreadsheet file).

**interrupt request (IRQ)**

Within a PC, a signal sent from a device to the CPU to temporarily suspend normal processing and transfer control to an interrupt handling routine.

**INTUITY AUDIX Digital Networking**

A Lucent INTUITY feature that allows customers to link together up to 500 remote Lucent INTUITY machines for a total of up to 500,000 remote users. See also *digital networking*.

**INTUITY Message Manager**

A Windows-based software product that allows INTUITY AUDIX users to receive, store, and send their voice/FAX messages from a PC. The software also enables users to create and send multimedia messages that include voice, fax, file attachments, and text.

**INTUITY messaging application programming interface (IMAPI)**

A software function-call interface that allows INTUITY AUDIX to interact with Lucent INTUITY Message Manager.

**IRQ**

See *interrupt request*.

**ISDN**

See *integrated services digital network*.

**isolating data interface (IDI)**

A synchronous, full duplex data device used for cable connections between a Lucent INTUITY GPSC-AT/E card and the switch data communications interface unit (DCIU).

**IVC6**

See *integrated voice processing CELP (IVC6) card*.

---

**J**

**jumper**

Pairs or sets of small prongs or pins on circuit cards and mother boards the placement of which determines the particular operation the computer selects. When two pins are covered, an electrical circuit is completed. When the jumper is uncovered, the connection is not made. The computer interprets these electrical connections as configuration information.

---

## K

---

## L

---

### **label**

The name assigned to a disk device (either a removable tape cartridge or permanent drive) through software. Cartridge labels may have a generic name (such as "3.3") to show the software release, or a descriptive name if for back-up copies (such as "back01"). Disk drive labels usually indicate the disk position (such as "disk00" or "disk02").

### **LAN**

See *local area network*.

### **last-in/first-out (LIFO)**

A method of processing telephone calls or data in which the last call (or data) received is the first call (or data) to be processed.

### **LCD**

See *liquid crystal display*.

### **leave word calling (LWC)**

A switch feature that allows the calling party to leave a standard (nonvoice) message for the called party using a feature button or dial access code.

### **LED**

See *light emitting diode*.

### **LIFO**

See *last-in/first-out*.

### **light emitting diode (LED)**

A light on the hardware platform that shows the status of operations.

### **liquid crystal display (LCD)**

The 10-character alphanumeric display that shows the status of the system, including alarms.

### **load**

The process of reading software from external storage (such as disk) and placing a copy in system memory.

### **local area network (LAN)**

A network of PCs that communicate with each other and that normally share the resources of one or more servers. Operation of Lucent INTUITY Message Manager requires that the INTUITY AUDIX system and the users' PCs be on a LAN.

### **local AUDIX machine**

The Lucent INTUITY system where a user's INTUITY AUDIX mailbox is located. All users on this home machine are called *local users*.

### **local installation**

A switch, adjunct, or peripheral device installed physically near the host switch or system. See also *collocated*.

**local network**

An INTUITY AUDIX Digital Network in which all Lucent INTUITY systems are connected to the same switch.

**login**

A unique code a user must enter to gain approved access to the Lucent INTUITY system. See also *password*.

**login announcement**

A feature enabling the system administrator and other designated users to create a mail message that is automatically played to all INTUITY AUDIX users every time they log in to the system.

**Lotus Notes**

Information management software for work groups that allows individuals to share and manipulate information over a local or wide area network

**LWC**

See *leave word calling*.

---

## M

**magnetic peripherals**

Data storage devices that use magnetic media to store information. Such devices include hard disk drives, floppy disk drives, and cartridge tape drives.

**mailbox**

A portion of disk memory allotted to each Lucent INTUITY system user for creating and storing outgoing and incoming messages.

**mailing list**

A group of user addresses assigned a list ID# and public or private status. A mailing list may be used to simplify the sending of messages to several users.

**maintenance**

The process of identifying system errors and correcting them, or taking steps to prevent problems from occurring.

**major alarm**

An alarm detected by Lucent INTUITY software that affects at least one fourth of the Lucent INTUITY ports in service. Often a major alarm indicates that service is affected.

**MANOOS**

See *manually out-of-service*.

**manually out-of-service**

State of operation during which a unit has been intentionally taken out of service.

**MAP**

See *multi-application platform*.

**mean time between failures**

The average time a manufacturer estimates will elapse before a failure occurs in a component or system.

**media type**

The form a message takes. The media types supported by the Lucent INTUITY system are voice, text, file attachments, and fax.

**memory**

A device that stores logic states such that data can be accessed and retrieved. Memory may be temporary (such as system RAM) or permanent (such as disk).

**menu**

A list of options displayed on a computer terminal screen or spoken by a voice processing system. Users choose the option that reflects what action they want the system to take.

**menu tree**

The way in which nested automated attendants are set up.

**message categories**

Groups of messages in INTUITY AUDIX users' mailboxes. Categories include *new*, *unopened*, and *old* for the incoming mailbox and *delivered*, *accessed*, *undelivered*, *undeliverable* (not deliverable), and *file cabinet* for the outgoing mailbox.

**message component**

A media type included in a multimedia message. These types include voice, text, file attachments, and fax messages.

**message delivery**

An optional Lucent INTUITY feature that permits users to send messages to any touch-tone telephone, as long as the telephone number is in the range of allowable numbers. This feature is an extension of the AMIS analog networking feature and is automatically available when the AMIS feature is activated.

**Message Manager**

See *INTUITY Message Manager*.

**message waiting indicator (MWI)**

An indicator that alerts Lucent INTUITY users that they have received new mail messages. An MWI can be an LED or neon lamp, or an audio tone (stutter dial tone).

**message waiting lamp (MWL)**

See *message-waiting indicator*.

**migration**

An installation that moves data to the Lucent INTUITY system from another type of Lucent messaging system, for example, from AUDIX R1, DEFINITY AUDIX, or AUDIX Voice Power.

**minor alarm**

An alarm detected by maintenance software that affects less than one fourth of the Lucent INTUITY ports in service, but has exceeded error thresholds or may impact service.

**mirroring**

A Lucent INTUITY system feature that allows data from crucial filesystems to be continuously copied to back-up (mirror) filesystems while the system is running. If the system has some problem where an original filesystem cannot be used, the backup filesystem is placed in service automatically.

**ML**

MERLIN LEGEND application identifier. See *application identifier*.

**mode code**

A string of touch-tones from a MERLIN LEGEND switch. A mode code may send the INTUITY AUDIX system information such as call type, calling party, called party, and on/off signals for message waiting indicators.

**modem**

A device that converts data from a form that is compatible with data processing equipment (digital) to a form compatible with transmission facilities (analog), and vice-versa.

**modular**

A term that describes equipment made of plug-in units that can be added together to make the system larger, improve its capabilities, or expand its size.

**modular processor data module (MPDM)**

A data device that converts RS-232C or RS-449 protocol signals to digital communications protocol (DCP) used by System 75/85, Generic1, and Generic 3 switches. MPDMs can connect the Lucent INTUITY system to a switch DCIU or SCI link or connect terminals to a switch port card.

**MPDM**

See *modular processor data module*.

**MT**

Maintenance application identifier. See *application identifier*.

**MTBF**

See *mean time between failures*.

**multi-application platform (MAP)**

The computer hardware platform used by the Lucent INTUITY system.

**multilingual feature**

A feature that allows announcement sets to be active simultaneously in more than one language on the system. Mailboxes can be administered so that users can hear prompts in the language of their choice.

**MWI**

See *message waiting indicator*.

---

## N

**networking**

See *INTUITY AUDIX Digital Networking*.

**networking prefix**

A set of digits that identifies a Lucent INTUITY machine.

**night attendant**

The automated attendant created on a MERLIN LEGEND switch that automatically becomes active during off-hours. The night attendant substitutes for one or more daytime attendants.

**not deliverable message**

A message that could not be delivered after a specified number of attempts. This usually means that the user's mailbox is full.

**NPA**

See *numbering plan area*.

### **NT**

Networking application identifier. See *application identifier*.

### **MWL**

See *message waiting lamp*.

### **numbering plan area**

Formal name for 3-digit telephone area codes in North America. Within an area code, no two telephone lines may have the same 7-digit phone number. The code is often designated as *NXX*, to indicate the three digits.

---

## **O**

### **off-hook**

See *switch hook*.

### **on-hook**

See *switch hook*.

### **on-line help**

A Lucent INTUITY system feature that provides information about user interface windows, screens, and menus by pressing a predetermined key. See also *help*.

### **open systems interconnection (OSI)**

An internationally accepted framework of standards for communication between systems made by different vendors.

### **operating system (OS)**

The set of software programs that runs the hardware and interprets software commands.

### **option**

A choice selected from a menu, or an argument used in a command line to specify program output by modifying the execution of a command. When you do not specify any options, the command executes according to its default options.

### **OS**

See *operating system*.

### **OSI**

See *open systems interconnection*.

### **outcalling**

A Lucent INTUITY system feature that allows the system to dial users' numbers to inform them they have new messages.

### **outgoing mailbox**

A storage area on the Lucent INTUITY system where users can keep copies of messages for future reference or action.

---

## P

### **parallel transmission**

The transmission of several bits of data at the same time over different wires. Parallel transmission of data is usually faster than serial transmission.

### **password**

1. A word or character string recognized automatically by the Lucent INTUITY system that allows a user access to his/her mailbox or a system administrator access to the system data base. 2. An alphanumeric string assigned to local and remote networked machines to identify the machines or the network. See also *login*.

### **password aging**

An INTUITY AUDIX feature that allows administrators to set a length of time after which a user's AUDIX password or the administrator's system password expires. The user or administrator must then change the password.

### **PBX**

See *private branch exchange*.

### **PC**

See *power converter*.

### **PDM (processor data module)**

See *modular processor data module (MPDM)*.

### **peripheral device**

Equipment such as a printer or terminal that is external to the Lucent INTUITY cabinet, but necessary for full operation and maintenance of the system. Also called a *peripheral*.

### **personal directory**

An INTUITY AUDIX feature that allows each user to create a private list of customized names.

### **personal fax extension**

See *secondary extension*.

### **PI**

See *processor interface*.

### **PIB**

See *processor interface*.

### **pinouts**

The signal description per pin number for a particular connector.

### **PMS**

See *property management system*.

### **port**

A connection or link between two devices that allows information to travel to a desired location. For example, a switch port connects to a Lucent INTUITY voice port to allow a caller to leave a message.

### **POST**

See *power-on self test*.

**power on self test (POST)**

A set of diagnostics stored in ROM that tests components such as disk drives, keyboard, and memory each time the system is booted. If problems are identified, a message is sent to the screen.

**priority call answer**

An INTUITY AUDIX feature that allows users to designate a call answer message as a priority message. To make a message a priority message, the caller presses (2) after recording.

**priority messaging**

An INTUITY AUDIX feature that allows some users to send messages that are specially marked and preferentially presented to recipients. See also *priority outcalling*.

**priority outcalling**

An INTUITY AUDIX feature that works with the priority messaging feature by allowing the message recipient to elect to be notified by outcalling only when a priority message has been received. See also *priority messaging*.

**private branch exchange (PBX)**

An analog, digital, or electronic telephone switching system where data and voice transmissions are not confined to fixed communications paths, but are routed among available ports or channels. See also *switch*.

**private mailing list**

A list of addresses that only the Lucent INTUITY system user who owns it can access.

**private messaging**

A feature of INTUITY AUDIX that allows a user to send a message that cannot be forwarded by the recipient.

**processor data module (PDM)**

See *modular processor data module (MPDM)*.

**processor interface (PI)**

A System 75, Generic 1, Generic 3i, Generic 3s, and Generic 3vs switch data link. Also called *processor interface board (PIB)*.

**programmed function key**

See *function key*.

**property management system (PMS)**

A product used by lodging establishments to automate the management of guest records, reservations, room assignments, and billing. In an integrated PMS environment, special software links the PMS to the Lucent INTUITY Lodging system so that both systems share a common set of messages and commands.

**protocol**

A set of conventions or rules governing the format and timing of message exchanges (signals) to control data movement and the detection and possible correction of errors.

**public mailing list**

A list of addresses that any INTUITY AUDIX user can use if that user knows the owner's list ID number and extension number. Only the owner can modify a public mailing list.

**pulse-to-tone converter**

A device connected to the switch that converts signals from a rotary pulses to touch tone signals. This device allows callers to use rotary telephones to access options in a Lucent INTUITY user's mailbox or in an automated attendant.

## R

### RAM

See *random access memory*.

### random access memory (RAM)

The memory used in most computers to store the results of ongoing work and to provide space to store the operating system and applications that are actually running at any given moment.

### read-only memory (ROM)

A form of computer memory that allows values to be stored only once; after the data is initially recorded, the computer can only read the contents. ROM is used to supply constant code elements such as bootstrap loaders, network addresses, and other more or less unvarying programs or instructions.

### reboot

See *boot*.

### remote access

Sending and receiving data to and from a computer or controlling a computer with terminals or PCs connected through communication (that is, telephone) links.

### remote installation

A system, site, or piece of peripheral equipment that is installed in a different location from the host switch or system.

### remote maintenance

The ability of Lucent personnel to interact with a remote computer through a telephone line or LAN connection to perform diagnostics and some system repairs. See also *remote service center*.

### remote network

A network in which the systems are integrated with more than one switch.

### remote service center

A Lucent or Lucent-certified organization that provides remote support to Lucent INTUITY customers. Depending upon the terms of the maintenance contract, your remote service center may be notified of all major and minor alarms and have the ability to remotely log in to your system and remedy problems. See also *remote maintenance*.

### remote terminal

A terminal connected to a computer over a telephone line.

### remote users

INTUITY AUDIX users whose mailboxes reside on a remote INTUITY AUDIX Digital Networking machine.

### REN

See *ringer equivalence number*.

### reply loop escape

An INTUITY AUDIX feature that allows a user the option of continuing to respond to a message after trying to reply to a nonuser message.

### reply to sender

An INTUITY AUDIX feature that allows users to immediately place a call to the originator of an incoming message if that person is in the switch's dial plan.

**request to send (RTS)**

One of the control signals on an EIA-232 connector that places the modem in the originate mode so that it can begin to send.

**restart**

1. A Lucent INTUITY feature that allows INTUITY AUDIX users who have reached the system through the call answer feature to access their own mailboxes by entering the **\*R** (Restart) command. This feature is especially useful for long-distance calls or for users who want to access the Lucent INTUITY system when all the ports are busy. 2. The reinitialization of certain software, for example, *restarting* the messaging system.

**restore**

The process of recovering lost or damaged files by retrieving them from available back-up tapes, floppy diskette, or another disk device.

**retention time**

The amount of time messages are saved on disk before being automatically deleted from a user's mailbox.

**reusable upgrade kit (RUK)**

A package shipped to the customer's site prior to an upgrade that contains materials the technician needs to complete the installation. This package includes an A/B switch box, a keyboard, a 25-foot coaxial cable, two T adapters, and terminations to a LAN circuit card. It remains the property of Lucent once the installation is finished.

**right-to-use (RTU) fee**

A charge to the customer to access certain functions or capacities that are otherwise restricted, for example, additional voice or networking ports or hours of speech storage. Lucent Technologies personnel can update RTU parameters either at the customer's site or remotely via a modem.

**ringer equivalence number (REN)**

A number required in the United States for registering your telephone equipment with a service provider.

**ROM**

See *read-only memory*.

**RS-232**

See *EIA interface*.

**RTS**

See *request to send*.

**RUK**

See *reusable upgrade kit*.

---

## S

**scan**

To automatically play mail messages, headers, or both.

**scheduled delivery time**

A time and/or date that an INTUITY AUDIX user can assign to a message that tells the system when to deliver it. If a delivery time is omitted, the system sends the message immediately.

**screen**

That portion of the Lucent INTUITY user interface through which most administrative tasks are performed. Lucent INTUITY screens request user input in the form of a command from the `enter command:` prompt.

**SCSI**

See *small computer system interface*.

**secondary extension**

A second, fax-dedicated extension that directs incoming faxes directly into a user's mailbox without ringing the telephone. The secondary extension shares the same mailbox as the voice extension, but acts like a fax machine. Also called *personal fax extension*.

**serial transmission**

The transmission of one bit at a time over a single wire.

**server**

A computer that processes and stores data that is used by other smaller computers. For Lucent INTUITY Message Manager, INTUITY AUDIX is the server. See also *client*.

**shielded cables**

Cables that are protected from interference with metallic braid or foil.

**SID**

See *switch integration device*.

**SIMM**

See *single in-line memory module*.

**simplified message service interface (SMSI)**

Type of data link connection to an integrated 1A ESS or 5ESS switch in the Lucent INTUITY system.

**simplified message desk interface (SMDI)**

Also known as station message desk interface. Type of data link from the central office that contains information and instructions for the Lucent INTUITY system. With SMDI, the caller need not re-enter the called number once the call terminates to the Lucent INTUITY system. See also *simplified message service interface*.

**single in-line memory module (SIMM)**

A method of containing random access memory (RAM) chips on narrow strips that attach directly to sockets on the CPU circuit card. Multiple SIMMs are sometimes installed on a single CPU circuit card.

**small computer systems interface (SCSI)**

An interface standard defining the physical, logical, and electrical connections to computer system peripherals such as tape and disk drives.

**SMDI**

See *station message desk interface*.

**SMDR**

See *station message detail recording*.

**SMSI**

See *simplified message service interface*.

**SP**

signal processor

**SSP**

scaleable signal processor

**station message desk interface (SMDI)**

See *simplified message desk interface*.

**station message detail recording**

See *call detail recording (CDR)*.

**subscriber**

A Lucent INTUITY user who has been assigned the ability to access the INTUITY AUDIX Voice Messaging system.

**surge**

A sudden rise and fall of voltage in an electrical circuit.

**surge protector**

A device that plugs into the telephone system and the commercial AC power outlet to protect the telephone system from damaging high-voltage surges.

**SW**

Switch integration application identifier. See *application identifier*.

**switch**

An automatic telephone exchange that allows the transmission of calls to and from the public telephone network. See also *private branch exchange (PBX)*.

**switched access**

A connection made from one endpoint to another through switch port cards. This allows the endpoint (such as a terminal) to be used for several applications.

**switch hook**

The device at the top of most telephones that is depressed when the handset is resting in the cradle (that is, when the telephone is *on hook*). This device is raised when the handset is picked up (that is, when the telephone is *off hook*).

**switch-hook flash**

A signaling technique in which the signal is originated by momentarily depressing the switch hook.

**switch integration**

Sharing of information between a messaging system and a switch to provide a seamless interface to callers and system users. A fully integrated INTUITY AUDIX system, for example, answers each incoming telephone call with information taken directly from the switch. Such information includes the number being called and the circumstances under which the call was sent to it, for example, covered from a busy or unanswered extension.

**switch integration device (SID)**

A combination of hardware and software that passes information from the switch to the Lucent INTUITY system thus allowing it to share information with non-Lucent switches. The operation of a SID is unique to the particular switch with which it interfaces.

**switch network**

Two or more interconnected switching systems.

**synchronized mailbox**

A mailbox that is paired with a corresponding mailbox in another domain and linked via software that keeps track of changes to either mailbox. When the contents of one mailbox change, the software replicates that change in the other mailbox.

**synchronizer**

The name given to the trusted server by the e-mail vendor, Lotus Notes.

**synchronous communication**

A method of data transmission in which bits or characters are sent at regular time intervals, rather than being spaced by start and stop bits. See also *asynchronous communication*.

**synchronous transmission**

A type of data transmission where the data characters and bits are exchanged at a fixed rate with the transmitter and receiver synchronized. This allows greater efficiency and supports more powerful protocols.

**System 75**

An advanced digital switch manufactured by Lucent Technologies that supports up to 800 lines for voice and data communications.

**System 85**

An advanced digital switch manufactured by Lucent Technologies that supports up to 3000 lines for voice and data communications.

**system configuration**

See *configuration*.

---

**T**

**T.30**

The standard for Group III fax machines that covers the protocol used to manage a fax session and negotiate the capabilities supported by each fax endpoint.

**tape cartridge**

One or more spare removable cartridges required to back up system information.

**tape drive**

The physical unit that holds, reads, and writes to magnetic tape.

**TCP/IP**

See *transmission control protocol/internet protocol*.

**TDD**

See *telecommunications device for the deaf*.

**TDM**

See *time division multiplexing*.

**telecommunications device for the deaf (TDD)**

A device with a keyboard and display unit that connects to or substitutes for a telephone. The TDD allows a deaf or hearing-impaired person to communicate over the telephone lines with other people who have TDDs. It also allows a deaf person to communicate with the INTUITY AUDIX system.

**terminal**

See *display terminal*.

**terminal type**

A number indicating the type of terminal from which a user is logging in to the Lucent INTUITY system. Terminal type is the last required entry before gaining access to the Lucent INTUITY display screens.

**terminating resistor**

A grounding resistor placed at the end of a bus, line, or cable to prevent signals from being reflected or echoed.

**time division multiplexing (TDM)**

A method of serving multiple channels simultaneously over a common transmission path by assigning the transmission path sequentially to the channels, with each assignment being for a discrete time interval.

**tip/ring**

A term used to denote the analog telecommunications interface.

**tone generator**

A device acoustically coupled to a rotary telephone used to produce touch-tone signals.

**traffic**

The flow of attempts, calls, and messages across a telecommunications network.

**translations**

Software assignments that tell a system what to expect on a certain voice port or the data link, or how to handle incoming data. Translations customize the Lucent INTUITY system and switch features for users.

**transmission control protocol/internet protocol (TCP/IP)**

A suite of protocols that allow disparate hosts to connect over a network. Transmission control protocol (TCP) organizes data on both ends of a connection and ensures that the data that arrives matches that which was sent. Internet protocol (IP) ensures that a message passes through all the necessary routers to the proper destination.

**T/R**

See *tip/ring*.

**troubleshooting**

The process of locating and correcting errors in computer programs (also called *debugging*) or systems.

**trusted server**

A server that uses IMAPI to access an INTUITY AUDIX mailbox on behalf of a user and is empowered to do everything to a user message that INTUITY AUDIX can do.

**TTS**

Text-to-Speech

---

## U

**UCD**

See *uniform call distribution*.

**Undelete**

An INTUITY AUDIX feature that allows users to restore the last message deleted by pressing **✱** **U**.

**undelivered message**

A message that has not yet been sent to an INTUITY AUDIX user's incoming mailbox. The message resides in the sender's outgoing mailbox and may be modified or redirected by the sender.

**unequipped**

See *equipped/unequipped*.

**unfinished message**

A message that was recorded but not approved or addressed, usually as the result of an interrupted INTUITY AUDIX session. Also called *working message*.

**uniform call distribution (UCD)**

The type of call-distribution group (or hunt group) of analog port cards on some switches that connects users to the INTUITY AUDIX system. System 75, Generic 1, Generic 3, and some central office switches use UCD groups. See also *call-distribution group*.

**uninterruptable power supply (UPS)**

An auxiliary power unit that provides continuous power in cases where commercial power is lost.

**UNIX operating system**

A multi-user, multi-tasking computer operating system.

**upgrade**

An installation that moves a Lucent INTUITY system to a newer release.

**untouched message**

An INTUITY AUDIX feature that allows a user to keep a message in its current category by using the **\* \* H** (Hold) command. If the message is in the new category, message-waiting indication remains active (for example, the message-waiting lamp remains lit).

**UPS**

See *uninterruptable power supply*.

**U. S. 123**

An alternate announcement set in U. S. English whose prompts use numbers, not letters, to identify telephone keypad presses. For example, a prompt might say, "*Press star three,*" instead of, "*Press star D.*"

**user interface**

The devices by which users access their mailboxes, manage mailing lists, administer personal greetings, and use other messaging capabilities. Types of user interfaces include a touch-tone telephone keypad and a PC equipped with Lucent INTUITY Message Manager.

**user population**

A combination of different types of users on which Lucent INTUITY configuration guidelines are based.

---

## V

**vector**

A customized program in the switch for processing incoming calls.

**VM**

Voice messaging application identifier. See *application identifier*.

**voice link**

The Lucent INTUITY analog connection(s) to a call-distribution group (or hunt group) of analog ports on the switch.

**voice mail**

See *voice message*.

**voice mailbox**

See *mailbox*.

**voice message**

Digitized information stored by the Lucent INTUITY system on disk memory. Also called *voice mail*.

**voice port**

The IVC6 port that provides the interface between the Lucent INTUITY system and the analog ports on the switch.

**voice terminal**

A telephone used for spoken communications with the Lucent INTUITY system. A touch-tone telephone with a message-waiting indicator is recommended for INTUITY AUDIX users.

**voicing**

1. Speaking a message into the Lucent INTUITY system during recording. 2. Having the system play back a message or prompt to a user.

**VP**

Voice platform application identifier. See *application identifier*.

**VR**

Voice response application identifier. See *application identifier*.

---

## W

**WAN**

See *wide area network*.

**wide area network (WAN)**

A data network typically extending a local area network (LAN) over telephone lines to link with LANS in other buildings and/or geographic locations.

**window**

That portion of the Lucent INTUITY user interface through which you can view system information or status.

---

# Index

## A

### AMIS

- machine names, 1-31, 3-21

### Audiences

- primary, ix
- secondary, ix

### AUDIX R1, 1-1

- additional installation tasks, 1-51
- cabling, 1-47, 1-48
- checking log files, 1-41
- class-of-service names, 1-23
- common migration error codes, 1-42
- data transfer, 1-37, 1-38, 1-44
- digital networking, 1-52
- information needed, 1-5
- mailing list migration, 1-52
- mailing lists, 2-2
- menus
  - Migration Using ADAP Menu, 1-27
- migration overview, 1-2
  - illustration, 1-2
- migration parameters, 1-26
- migration software installation, 1-24
- networked machines, 1-29
- preadministration, 1-15
- profile, 1-5
- readministering voice ports, 1-50
- remote machines, 1-35
- removing migration software, 1-49
- restarting data transfer, 1-40
- screens
  - List COS, 1-12
  - List Machine, 1-11
  - Local/Default Machine Profile, 1-34
  - Machine Profile for a local machine, 1-33
  - Maintenance System Vintage, 1-10
  - System Appearance, 1-7, 1-8
  - System Translation Machine, 1-13
  - System Translation Switch Connection, 1-14
  - Traffic Feature Day, 1-9
- stopping data transfer, 1-40
- switch administration, 1-45
- testing modem connection, 1-36

### AUDIX Voice Power, 5-1

- administering automated attendants, 4-30
- administering switch, 4-31
- backup software, 4-9
- backups, 4-9
- cabling data link, 4-4
- cabling voice ports, 4-5
- checking log files, 4-21
- common error codes, 4-22
- data transfer, 4-18, 4-24
- Floppy Diskette Migration, 6-14

- Guest Speech Files, 6-14
- installing circuit packs, 4-4
- installing migration software, 4-17
- materials and information needed, 4-2
- migration checklist, 4-3
- preadministration, 4-12
- printing log files, 4-22
- profile, 4-6
- removing migration software, 4-29
- screens
  - Machine Profile, 5-15
  - Subscriber Administration, 5-8
  - Switch Interface Administration, 5-12
  - System Parameter Administration, 5-7
  - System-Parameters Features, 5-16, 5-17
  - System-Parameters Outcalling, 5-16

### AUDIX Voice Power Lodging, 6-1

- Back-up Data, 6-7
- Back-up Guest Database and Guest Speech, 6-8
- Back-up System Files and Custom Prompts, 6-8
- Cartridge Tape Migration, 6-14
- Check the Error File, 6-16
- Create a Migration Diskette, 6-4
- Install the Migration Software, 6-3
- Material and Information Needed, 6-2
- Migration Checklist, 6-2
- Remove Migration Software, 6-30
- Run the Migration, 6-12

### AUDIX Voice Power Loding

- Cartridge Tape Migration
  - Guest Speech Files, 6-14
  - Migration Checklist, 6-2

- automated attendants, 4-5, 5-4, 5-31

## B

- Back-up, 6-7
- backup software, 4-9, 5-9
- backups, 3-13, 3-14, 3-15

## C

- call transfer, 1-5
  - enhanced, 1-5
- calling groups, 5-4
- Checklist
  - AUDIX Voice Power Lodging Migrations, 6-2
- CL mode, 3-1
- connection type, 1-32, 3-21
- control link mode, 3-1

## D

### DEFINITY AUDIX

- additional installation tasks, 3-36
- backing up, 3-11
- cabling data link, 3-33
- connecting external tape drive, 3-10

- control link mode, 3-1
- data transfer, 3-24, 3-26
- defining network machine, 3-20
- digital port mode, 3-1
- installing migration software, 3-17
- materials and information needed, 3-2
- menus
  - Migration from DEFINITY AUDIX, 3-25
- migration checklist, 3-3
- migrations, 3-1
- PI or PGATE circuit card, 3-4
- preadministration, 3-19
- profile, 3-4
- removing migration software, 3-31
- screens
  - Change Station, 3-9
  - DEFINITY AUDIX Administration, 3-11
  - List Machine, 3-7
  - Machine Profile, 3-6
  - Machine Profile Local Machine, 3-23
  - Remove Tape, 3-16
  - Reset System OA&M, 3-12
  - Sample Hunt Group, 3-35
  - Sample User Station, 3-35
  - Save Nightly, 3-13
  - Save Voice, 3-15
  - Save Weekly, 3-14
  - Switch Link Embedded, 3-8
- switch administration, 3-34
- turning off switch voice ports, 3-9
- digital network
  - machine names, 3-21
- digital networking, 1-52
- digital networks
  - machine names, 1-31
- digital port mode, 3-1, 3-4
- Document audience, ix
- Document purpose, ix
- DP mode, 3-1, 3-4, 3-9

**E**

- error codes, A-1
  - AUDIX R1 migration, 1-42
- Error File, 6-16
- extension lengths, 3-19, 4-2, 4-12, 5-12

**F**

- field descriptions, A-1, A-17

**G**

- Glossary, GL-1

**H**

- hunt groups, 1-15, 4-5, 4-31

**I**

- Intended audiences, ix
- Intuity
  - Screens
    - Installed Software List, 6-30
- INTUITY AUDIX
  - shutting down, 3-32

**L**

- log files, 1-37, 1-41, 1-42, 1-43, 4-21, 5-23, 5-25
- Lucent INTUITY
  - menus
    - INTUITY Administration, 2-2, 2-3, 2-4
    - Lucent INTUITY Administration, 1-26, 3-24
    - Main Menu, 1-26
    - Migration, 3-24, 4-18
    - Migration From AVP, 4-19, 5-21
  - screens
    - AUDIX R1 Log File Display, 1-38
    - Class-of-Service, 1-23, 3-26, 3-27, 4-26, 5-27
    - Data Entry Prompts, 1-27
    - Data Transfer Status, 1-39
    - Installed Software List, 1-49, 4-29, 5-30
    - List Measurements Feature Day, 3-30, 4-25, 5-26
    - Log File, 5-23
    - Log File Display, 1-41, 1-43
    - Machine Profile, 1-21, 4-15
    - Migration Restart Options, 1-40
    - Remote Subscriber, 3-29
    - Software Installed List, 3-31
    - Subscriber, 3-28, 4-27, 5-28
    - Subscriber Administration, 4-8
    - Subscriber Class-of-Service Parameters, 3-28, 4-28, 5-29
    - Switch Interface Administration, 1-17, 3-19, 4-12
    - System Parameter Administration, 4-7
    - System-Parameters Limits, 1-20
    - System-Parameters Outcalling, 1-22, 4-16

**M**

- machine names
  - AMIS, 1-31, 3-21
  - digital network, 3-21
  - digital networks, 1-31
- mailing lists
  - migrating, 1-49, 1-52, 2-2
- MERLIN LEGEND AUDIX Voice Power
  - administering automated attendants, 5-31
  - assigning calling groups, 5-4

- backup software, 5-9
- backups, 5-9
- cabling voice ports, 5-5
- checking log files, 5-23
- common error codes, 5-24
- creating temporary calling groups, 5-4
- creating test coverage group, 5-4
- data transfer, 5-20, 5-26
- installing migration software, 5-19
- materials and information needed, 5-2
- migration checklist, 5-3
- moving voice port cabling, 5-32
- preadministration, 5-12
- printing log files, 5-25
- profile, 5-6
- removing migration software, 5-30
- migration checklist
  - AUDIX R1 migrations, 1-4
- migration diskette, 6-4
- migration overview, 1-2
  - illustration, 1-2
- Migrations
  - AUDIX Voice Power, 6-1
  - AUDIX Voice Power Lodging, 6-1
    - Back-up AUDIX Voice Power Lodging Data, 6-7
    - Check the Error File, 6-16
    - Create a Migration Diskette, 6-4
    - Install the Migration Software, 6-3
    - Materials and Information Needed, 6-2
    - Migration Checklist, 6-2
    - Remove Migration Software, 6-30
    - Run the Migration, 6-12
    - Stop the Intuity System, 6-16
- migrations
  - AUDIX R1, 1-1, 1-2
    - additional installation tasks, 1-51
    - cabling, 1-47, 1-48
    - checking log files, 1-41
    - checklist, 1-4
    - class-of-service names, 1-23
    - common error codes, 1-42
    - data transfer, 1-37, 1-38, 1-44
    - digital networking, 1-52
    - information needed, 1-5
    - mailing list migration, 1-52
    - mailing lists, 2-2
    - migration parameters, 1-26
    - migration software installation, 1-24
    - networked machines, 1-29
    - preadministration, 1-15
    - profile, 1-5
    - readministering voice ports, 1-50
    - remote machines, 1-35
    - removing migration software, 1-49
    - restarting data transfer, 1-40
    - stopping data transfer, 1-40
    - switch administration, 1-45
    - testing modem connection, 1-36
  - AUDIX Voice Power
    - administering automated attendants, 4-30
    - administering switch, 4-31
    - backup software, 4-9
    - backups, 4-9
    - cabling data link, 4-4
    - cabling voice ports, 4-5
    - checking log files, 4-21
    - common error codes, 4-22
    - data transfer, 4-18, 4-24
    - installing circuit packs, 4-4
    - installing migration software, 4-17
    - materials and information needed, 4-2
    - migration checklist, 4-3
    - preadministration, 4-12
    - printing log files, 4-22
    - profile, 4-6
    - removing migration software, 4-29
  - DEFINITY AUDIX, 3-1
    - additional installation tasks, 3-36
    - backing up, 3-11
    - cabling data link, 3-33
    - connecting external tape drive, 3-10
    - data transfer, 3-24, 3-26
    - installing migration software, 3-17
    - materials and information needed, 3-2
    - migration checklist, 3-3
    - PI or PGATE circuit card, 3-4
    - preadministration, 3-19
    - profile, 3-4
    - removing migration software, 3-31
    - switch administration, 3-34
    - turning off switch voice ports, 3-9
  - DEFINITY AUDIX
    - defining network machine, 3-20
  - error codes, A-1
  - field descriptions, A-1, A-17
  - log files, A-1
  - mailing lists, 1-49
  - materials and information needed, 1-3
- MERLIN LEGEND AUDIX Voice Power
  - administering automated attendants, 5-31
  - assigning calling groups, 5-4
  - backup software, 5-9
  - backups, 5-9
  - cabling voice ports, 5-5
  - checking log files, 5-23
  - common error codes, 5-24
  - creating temporary calling groups, 5-4
  - creating test coverage group, 5-4
  - data transfer, 5-20, 5-26
  - installing migration software, 5-19
  - materials and information needed, 5-2
  - migration checklist, 5-3
  - moving voice port cabling, 5-32
  - preadministration, 5-12
  - printing log files, 5-25
  - profile, 5-6

- removing migration software, 5-30
- migrated data, B-2
- multiple systems, B-1
- types of
  - AUDIX R1, ix
  - AUDIX Voice Power, ix
  - AUDIX Voice Power Lodging, ix
  - DEFINITY AUDIX, ix
  - MERLIN LEGEND AUDIX Voice Power
    - IS II, ix
    - IS III, ix
- multiple personal greetings, 1-5

**N**

- networking
  - AMIS, 3-4

**O**

- outcalling, 1-5

**P**

- passwords, 1-5, 1-32, 3-21
  - default, 1-28
- printer types
  - AT&T 570, 1-42, 4-22, 5-25
  - AT&T 593, 1-42, 4-22, 5-25
  - AT&T 595, 1-43, 4-22, 5-25
  - NCR 6417, 1-43, 4-22, 5-25

**R**

- Resources
  - related, xvii

**S**

- screens
  - AUDIX R1
    - List COS, 1-12
    - List Machine, 1-11
    - Local/Default Machine Profile, 1-34
    - Machine Profile for a local machine, 1-33
    - Maintenance System Vintage, 1-10
    - System Appearance, 1-7, 1-8
    - System Translation Machine, 1-13
    - System Translation Switch Connection, 1-14
    - Traffic Feature Day, 1-9
  - AUDIX Voice Power
    - Machine Profile, 5-15
    - Subscriber Administration, 5-8
    - Switch Interface Administration, 5-12
    - System Parameter Administration, 5-7
    - System-Parameters Features, 5-16, 5-17

- System-Parameters Outcalling, 5-16
- DEFINITY AUDIX
  - Change Station, 3-9
  - DEFINITY AUDIX Administration, 3-11
  - List Machine, 3-7
  - Machine Profile, 3-6
  - Machine Profile Local Machine, 3-23
  - Remove Tape, 3-16
  - Reset System OA&M, 3-12
  - Sample Hunt Group, 3-35
  - Sample User Station, 3-35
  - Save Nightly, 3-13
  - Save Voice, 3-14
  - Save Weekly, 3-14
  - Switch Link Embedded, 3-8
- Lucent INTUITY
  - Class-of-Service, 1-23, 3-26, 3-27, 4-26, 5-27
  - Data Entry Prompts, 1-27
  - Data Transfer Status, 1-39
  - Installed Software List, 1-49, 4-29, 5-30
  - List Measurements Feature Day, 3-30, 4-25, 5-26
  - Log File, 5-23
  - Log File Display, 1-41, 1-43
  - Machine Profile, 1-21, 4-15
  - Migration Restart Options, 1-40
  - Remote Subscriber, 3-29
  - Software Installed List, 3-31
  - Subscriber, 3-28, 4-27, 5-28
  - Subscriber Administration, 4-8
  - Subscriber Class-of Service Parameters, 4-28
  - Subscriber Class-of-Service Parameters, 3-28, 5-29
  - Switch Interface Administration, 3-19, 4-12
  - System Parameter Administration, 4-7
  - System-Parameters Limits, 1-20
  - System-Parameters Outcalling, 1-22, 4-16

**T**

- terminal types
  - 4415, 1-6, 3-5
  - 513, 3-5
  - 513 BCT, 1-5
  - 5420, 1-6, 3-5
  - 610 BCT, 1-5, 3-5
  - 610 MT, 1-6, 3-5
  - 610 MT (running on a 513 emulation package), 1-5, 3-5
  - 615 MT, 1-6, 3-5
  - 615 MT (running on a 513 emulation package), 1-5, 3-5
  - 705, 1-6, 3-5
  - 715 BCS, 1-5, 3-5
  - PC (running on a 513 emulation package), 1-5, 3-5

**U**

- user names, 4-2

## V

voice IDs, 1-30, 3-20, 3-23  
voice ports, 1-15, 1-48, 1-50, 3-34, 4-31, 5-4, 5-32  
    cabling, 5-5

