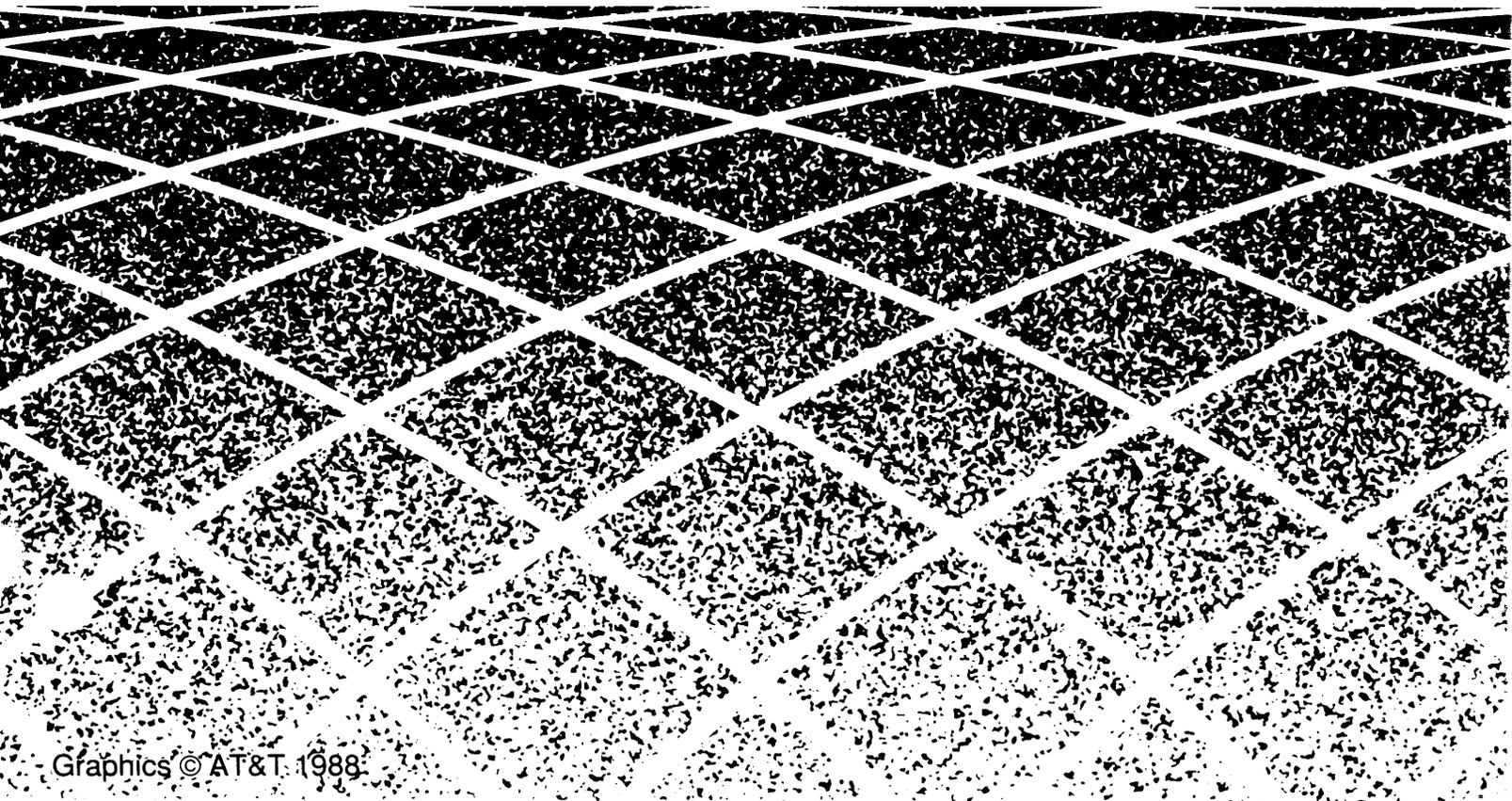




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Issue 1, January 1992
Dated March 1993

DEFINITY[®] Communications System Generic 1 and Generic 3i

Implementation Addendum
(G3vs Customers Only)



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About this Document

Overview

This addendum provides information specific to the DEFINITY® Communications System Generic 3vs (G3vs) switch release. Its function is as a supplement to, and is intended to be used in conjunction with, the information already provided in *DEFINITY Communications System Generic 1 and Generic 3i Implementation*, 555-230-650, Issue 1.

DEFINITY Generic 3vs is available in two distinct packages:

- Advantage Business Package (ABP)
- Premier Business Package (PBP)

This addendum lists those features, available in Generic 1 and Generic 3i, that are not supported by the Generic 3vs release. In addition, features that may be optionally implemented on a Generic 3vs system are discussed.

In many cases, the only difference between a Generic 3i and Generic 3vs feature implementation is the maximum system capacity available for that feature. When using *DEFINITY Communications System Generic 1 and Generic 3i Implementation* to implement the G3vs System, refer to the “System Capacities” section of this addendum.

For additional information on DEFINITY Generic 3vs, refer to *DEFINITY Communications System Generic 3vs Feature Description Addendum*, 555-230-201ADD4, and *DEFINITY Communications System Generic 3vs System Description Addendum*, 555-230-200ADD2.

Organization



NOTE:

In the interest of brevity, only G3vs specific information is provided in this addendum. Refer to the appropriate section in *DEFINITY Communications System Generic 1 and Generic 3i Implementation*, 555-230-650, Issue 1, when implementing features on the G3vs System.

The other chapters of this addendum are:

DEFINITY Generic 3vs Capabilities — An overview of the capabilities and features of the G3vs ABP and PBP packages.

System Capacities — A table that lists maximum feature capacities for DEFINITY Generic 1.1, Generic G3vs ABP, Generic 3vs PBP, Generic 3s ABP, Generic 3s PBP, and Generic 3i.

DEFINITY Generic 3vs Capabilities

1

Overview

This chapter outlines the capabilities of the G3vs Advantage Business Package (ABP) and G3vs Premier Business Package (PBP) in relation to the G3i system.

Advantage Business Package

The DEFINITY Generic 3vs Advantage Business Package (ABP) is a derivative of the DEFINITY Generic 3i System providing support for up to 200 total stations and 50 trunks.

NOTE:

The maximum line and station capacities for a G3vs system are actually software capacities. These capacities are limited by the hardware design of the G3vs Compact Single Carrier Cabinet (CSCC), which provides 10 universal port slots to accommodate stations and trunks. A typical G3vs customer configuration includes up to 80 stations and 24 trunks.

With the exception of the features listed below, all standard features available with G3i are also supported by G3vs ABP; however, the capacity limits for some features are reduced from the G3i levels. Refer to Chapter 2, “System Capacities” for a complete listing of all capacity limits.

- Features not available with G3vs ABP:



NOTE:

G3vs ABP does not support the G3i optional features (for example, Centralized Attendant Service, and Distributed Communications Services (DCS)).

- CallVisor™ Adjunct./Switch Application Interface (ASAI)
- Administered Connections
- High or Critical reliability
- Expansion Port Network (EPN) Support
- ISDN-BRI
- SCC port cabinets



NOTE:

G3vs only supports a single wall-mounted cabinet. For information on the circuit pack configuration when conducting the System survey, see *DEFINITY Communications System Generic 3 Planning and Configuration*, 555-230-600.

- G3-MA error checking capability

Release 2.0 G3-MA software verifies entries using the DEFINITY Generic 3i capacity limits and not the G3vs Advantage Business Package capacity limits. If you enter data within the G3i capacity limits, but not within the Advantage Business Package capacity limits, you will not receive any error messages until you try to send the data to the DEFINITY G3vs switch. Refer to the “System Capacities” chapter later in this addendum for the correct capacity limits.

In addition to the standard features provided with G3vs ABP, there are several optional feature packages that may be purchased to enhance the capabilities of the ABP System. The following option packages may be selected individually or in any combination:



NOTE:

Except where noted, the individual features in the various option packages are not available separately.

- **Authorization Codes Option**

Adds the Authorization Codes feature to G3vs ABP.



NOTE:

The Automatic Route Selection (ARS) Option must be purchased before Authorization Codes can be implemented on G3vs ABP.

■ **Automatic Route Selection (ARS) Option**

Adds Automatic Route Selection to G3vs ABP.



NOTE:

This option must be purchased to activate the Authorization Codes Option.

■ **Basic Call Center Option**

The Basic Call Center Option consists of the features listed below.

- Automatic Call Distribution (ACD)
- Basic Call Management System (BCMS)
- System Measurement and Traffic Reports (also available separately)



NOTE:

If the System Measurement and Traffic Reports feature is not purchased (either separately, as shown below, or as part of the Basic Call Center Option), the Security Violations Measurement Report is still available on the system.

■ **System Measurement and Traffic Reports Option**

Adds the ability to generate System Measurement and Traffic Reports on G3vs ABP.

NOTE:

If the System Measurement and Traffic Reports Option is not purchased, the Security Violations Measurement Report is still available on the System.

■ **Voice Mail Application Support Option**

The Voice Mail Application Support Option consists of the features listed below.

- Leave Word Calling (LWC)
- Linked Call Coverage Paths



NOTE:

The Voice Mail Application Support Option is activated only when the customer has an AT&T voice processing adjunct (AUDIX[®], AUDIX VOICE POWER[™], AUDIX VOICE POWER Lodging, or DEFINITY AUDIX).

Premier Business Package

The DEFINITY Generic 3vs Premier Business Package (PBP) supports all features available with the G3vs Advantage Business Package. In addition, all optional G3i features (for example, Call Vectoring and Centralized Attendant Service) are also optionally available with G3vs PBP; however, the capacity limits for some features are reduced from the G3i levels. Refer to Chapter 2, "System Capacities," for a complete listing of all capacity limits.

The only G3i capabilities not supported by G3vs PBP are:

- High or Critical reliability
- CallVisor ASA
- Expansion Port Network (EPN) support
- ISDN-BRI
- SCC port cabinets



NOTE:

G3vs only supports a single wall-mounted cabinet. For information on the circuit pack configuration when conducting the System survey, see *DEFINITY Communications System Generic 3 Planning and Configuration*, 555-230-600.

- G3-MA error checking capability

Release 2.0 G3-MA software verifies entries using the DEFINITY Generic 3i capacity limits and not the G3vs Advantage Business Package capacity limits. If you enter data within the G3i capacity limits, but not within the Premier Business Package capacity limits, you will not receive any error messages until you try to send the data to the DEFINITY G3vs switch. Refer to the "System Capacities" chapter in this addendum for the current capacity limits.

SYSTEM CAPACITIES

2

Overview

Table 2-1 begins on the next page and compares the maximum system capacities for the following DEFINITY Communications System configurations: G1.1, G3vs Advantage Business Package (ABP), G3vs Premier Business Package (PBP), G3s Advantage Business Package (ABP), G3s Premier Business Package (PBP), and G3i.



NOTES:

Not all maximum capacities listed in Table 2-1 can be reached simultaneously with all versions or all configurations of the System. In the G3vs, the primary limit to capacity is the 10 universal port slot limit.

The 7444 Plus Voice Terminal requires aliasing on the Generic 3vs system. For complete information regarding aliasing see *DEFINITTY Communications System and System 75 and System 85 Terminals and Adjuncts Reference Manual*, 555-015-201.

Maximum Capacities

Table 2-1. Maximum System Parameters for Hardware and Software Items

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Abbreviated Dialing (AD)						
AD Lists Per System	1,600	200	200	200	200	1,600
AD List Entry Size	24	24	24	24	24	24
AD Entries Per System	8,000	2,000	2,000	2,000	2,000	10,000
Enhanced List (System List)	1	NA	1	NA	1	1
Maximum entries	1,000	NA	1,000	NA	1,000	1,000
Group Lists	100	100	100	100	100	100
Maximum entries	90	90	90	90	90	90
Group lists/extension	3	3	3	3	3	3
System List	1	1	1	1	1	1
Maximum entries	90	90	90	90	90	90
Personal Lists	1,600	200	200	200	200	1,600
Maximum entries	10	10	10	10	10	10
Personal lists/extension	3	3	3	3	3	3
Applications Adjuncts						
CallVisor ASAI Adjuncts	NA	NA	NA	NA	NA	8
Asynchronous Links (EIA 232C)	5	5	5	5	5	5
CDR Output Devices	2	2	2	2	2	2
Journal/System Printer	2/1	2/1	2/1	2/1	2/1	2/1
Property Management Systems	1	1	1	1	1	1
BX.25 Physical Links	8	4	4	4	4	8
Application Processors (that is, 3B2-MCS)	1	1	1	1	1	1
AUDIX™ Adjuncts	1	1	1	1	1	1
CMS Adjuncts	1	1	1	1	1	1
ICM Adjuncts						
ISDN Gateway	1	NA	1	NA	1	1
BX.25 Processor Channels	64	64	64	64	64	64
Hop Channels	64	64	64	64	64	64

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Attendant Service						
Attendant Consoles (day/night) ¹	6/1	3/1	3/1	6/1	6/1	6/1
Attendant Console 100s Groups/Attendant	20	20	20	20	20	20
Attendant Control Restriction Groups	64	64	64	64	64	64
Centralized Attendant Service						
Release Link Trunks at Branch	99	NA	99	NA	99	99
Release Link Trunk Groups at Branch	1	NA	1	NA	1	1
Release Link Trunks at Main	400	NA	100	NA	100	400
Release Link Trunk Groups at Main ²	99	NA	32	NA	32	99
Other Access Queues						
Maximum Number of Queues	1	1	1	1	1	1
Maximum Number of Queue Slots ³	50	30	30	30	30	50
Queue Length	30	30	30	30	30	30
Switched Loops/Console	6	6	6	6	6	6
ARS/AAR						
AAR Patterns	254	NA	40	NA	40	254
ARS Patterns	254	20	40	20	40	254
ARS/AAR Table Entries (NPA, NXX, RXX, HNPA, FNPA)	NA	2,000	2,000	2,000	2,000	2,000
Choices per RHNPA Table	12	12	12	12	12	12
Digit Conversion Entries	180	300	300	300	300	300
ARS/AAR Digit Conversion						
Digits Deleted for ARS/AAR	NA	18	18	18	18	18
Digits inserted for ARS/AAR	NA	18	18	18	18	18
ARS/AAR Subnet Trunking ⁴						
Digits Deleted for ARS/AAR	NA	23	23	23	23	23
Digits inserted for ARS/AAR	NA	36	36	36	36	36
Entries in HNPA & RHNPA Tables	800	1,000	1,000	1,000	1,000	1,000
FRLs	8	8	8	8	8	8
Inserted Digit Strings ⁵	NA	450	450	450	450	1,200
Patterns for Measurement						
Shared Patterns for Measurement	20	20	20	20	20	20
RHNPA Tables	32	32	32	32	32	32
Routing Plans	8	8	8	8	8	8
Toll Tables	4	32	32	32	32	32
Entries per Toll Table	800	800	800	800	800	800
Trunk Groups in an ARS/AAR Pattern	6	6	6	6	6	6
UDP (Entries)	240	NA	240	NA	240	240
TOD Charts	8	8	8	8	8	8

1. There can be four consoles if there are no night consoles. Three of the four must be powered by adjunct power.
2. The number of release link trunk groups at Main is the same as the number of trunk groups in the system.
3. "Maximum number of queue slots" is referred to as "emergency access queue length" in G3i.
4. Up to seven interchange carrier digits are available.
5. This is the number of available 12-character inserted-digit-strings available for AAR/ARS preferences.

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
CallVisor ASAI						
Active Controlling Associations	NA	NA	NA	NA	250	2,000
Call Controllers per Call	NA	NA	NA	NA	1	1
Call Monitors per Call	NA	NA	NA	NA	14	14
Extension Controllers per Station Domain	NA	NA	NA	NA	2	2
Maximum Simultaneous Call Classifiers	NA	NA	NA	NA	40	40
Number of ASAI Links	NA	NA	NA	NA	4	8
Notification Requests	NA	NA	NA	NA	50	170
Simultaneous Active Adjunct Controlled Calls	NA	NA	NA	NA	75	300
Switch to Adjunct Associations	NA	NA	NA	NA	127	127
Authorization						
Authorization Codes	5,000	1,500	1,500	1,500	1,500	5,000
Classes of Restriction	64	64	64	64	64	64
Classes of Service	16	16	16	16	16	16
Length of Authorization Code	4-7	4-7	4-7	4-7	4-7	4-7
Length of Barrier Code	4-7	4-7	4-7	4-7	4-7	4-7
Length Forced Entry Account Codes	1-15	NA	1-15	NA	1-15	1-15
Restricted Call List	NA	1	1	1	1	1
Remote Access Barrier Codes	10	10	10	10	10	10
CDR Forced Entry Account Code List	1	NA	1	NA	1	1
Toll Call List	NA	1	1	1	1	1
Unrestricted/Allowed Call Lists	1	10	10	10	10	10
Total Call List Entries	10	1,000	1,000	1,000	1,000	1,000
Automatic Callback Calls	160	20	20	20	20	160
Automatic Wakeup						
Simultaneous Display Requests	10	10	10	10	10	10
Wakeup Requests per System	1,600	200	200	200	200	1,600
Wakeup Request per Extension	1	1	1	1	1	1
Wakeup Requests per 15 min. interval	200	150	150	150	150	300
Basic CMS						
Daily Summary Reports	7	7	7	7	7	7
Measured Agents	30	75	75	75	75	200
Measured Splits	30	12	24	12	24	99
Measured Trunk Groups	32	16	32	16	32	99
Measured VDNS	NA	NA	24	NA	24	99
Reporting Periods (30 or 60 minutes)	25	25	25	25	25	25

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Call Appearances						
Bridged Images/Appearance	7	7	7	7	7	7
Call Appearances/Station ⁶	54	54	54	54	54	54
Maximum Appearances per Extension	10	10	10	10	10	10
Minimum Appearances per Extension	2	2	2	2	2	2
Total Bridged Appearances	1,600	200	200	200	200	1,600
Maximum Simultaneous Off-Hook per Call ⁷	5	5	5	5	5	5
Cabinets						
EPN						
MCC	1	NA	NA	NA	NA	2
SCC	4	NA	NA	NA	NA	8
Small (Upgrades only) ⁸	1	NA	NA	NA	NA	2
Inter-Port Network Connectivity						
Port Networks	2	1	1	1	1	3
PPN						
MCC ⁹	1	NA	NA	NA	NA	1
SCC/Enhanced Control Cabinet	4	NA	NA	4	4	4
CSCC	NA	1	1	NA	NA	NA
Remote Port Network	1	NA	NA	NA	NA	2
Call Coverage						
Coverage Answer Groups (CAGs)	200	30	30	30	30	200
Coverage Paths	600	150	150	150	150	600
Coverage Paths Included in Call Coverage Report	NA	100	100	100	100	100
Coverage Path per Station	4	4	4	4	4	4
Coverage Points in a Path	3	3	3	3	3	3
Maximum Users/Coverage Path ¹⁰	2,900	500	500	500	500	2,900
Members per CAG	8	8	8	8	8	8

6. The number of call appearances is the sum of the primary and bridged appearances; at most 10 can be primary.
7. Does not apply to conferencing.
8. Small systems refer to the 2-carrier cabinet systems that are no longer sold to new customers.
9. MCC includes Medium Cabinet.
10. Maximum number of users per coverage path equals the number of dial plan extensions (which includes hunt groups, TEGs, and so on).

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Call Detail Recording						
CDRU Trackable Extensions	1,600	200	200	200	200	1,600
Intra-Switch Call Trackable Extensions	NA	100	100	100	100	100
Number of CDRUs/System ¹¹	1	1	1	1	1	1
Call Forwarding (Follow-me)						
Call Forwarded Digits (off-net)	16	16	16	16	16	16
Call Forwarded Numbers	1,600	200	200	200	200	1,600
Call Park						
Attendant Group Common Shared Extension Numbers	10	10	10	10	10	10
Number of Parked Calls	482	180	180	180	180	723
Call Pickup Groups						
Call Pickup Members/Group	50	50	50	50	50	50
Call Pickup Members/System	1,600	200	200	200	200	1,600
Number of Groups	800	100	100	100	100	800
Call Vectoring/Call Prompting						
Multiple Splits for Agent Logins	NA	NA	3	NA	3	3
Priority Levels	NA	NA	4	NA	4	4
Recorded Announcement	128	NA	128	NA	128	128
Steps per Vector	NA	NA	15	NA	15	15
Vector Directory Numbers	NA	NA	100	NA	100	500
Vectors per System	NA	NA	48	NA	48	256
Conference Parties						
Simultaneous 3-way Conference Calls ¹²	6	6	6	6	6	6
Simultaneous 3-way Conference Calls ¹²	322	161	161	161	161	483
Simultaneous 6-way Conference Calls ¹³	160	80	80	80	80	240
Data Parameters						
Administered Connections	NA	NA	24	NA	24	128
Permanent Switched Call	18	NA	NA	NA	NA	NA
Alphanumeric Dialing						
Maximum Entries	NA	50	50	50	50	200
Characters/Entry	NA	22	22	22	22	22
Digital Data Endpoints	800	75	75	75	75	800

11. The CDRU adjunct capacity is 40,000 calls per hour, and it exceeds the system call capacity for all listed systems.

12. Simultaneous 3-way Conference Call = (483/ 3)* number PNs.

13. Simultaneous 6-way Conference Call = (483/ 6)* number PNs.

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Dial Plan						
DID LDNs	8	8	8	8	8	8
Extensions ¹⁴	2,500	500	500	500	500	2,900
Extension Number Portability ¹⁵	240	NA	240	NA	240	240
Feature Dial Access Codes						
Number of Access Codes	70	70	70	70	70	70
Number of Digits	1-3	1-3	1-3	1-3	1-3	1-3
Integrated Directory Entries ¹⁶	1,607	204	204	207	207	1,607
Maximum Extension Size	5	5	5	5	5	5
Minimum Extension Size	1	1	1	1	1	1
Miscellaneous Extensions ¹⁷	900	150	150	150	150	900
Names						
Number of names ¹⁸	3,406	448	464	448	464	3,406
Number of characters in a name	15	15	15	15	15	15
Non-DID LDNs	50	50	50	50	50	50
Prefix Extensions	Yes	Yes	Yes	Yes	Yes	Yes
Trunk Dial Access Codes						
Number of Access Codes	197	105	105	105	105	197
Number of digits	1-3	1-3	1-3	1-3	1-3	1-3
Do Not Disturb (DND)						
DND Requests per System	1,600	200	200	200	200	1,600
Simultaneous Display Requests	10	10	10	10	10	10
Facility Busy Indicators						
Buttons per Tracked Resource	100	100	100	100	100	100
Number of Indicators (Station & Trunk Groups)	2,400	450	450	450	450	2,400
Hunt Groups or Splits						
Announcements per Group	2	2	2	2	2	2
Announcements per System	64	128	128	128	128	128
Groups and/or Splits	99	12	24	12	24	99
Group Members per Group/Split	200	150	150	150	150	200
Group Members per System	500	150	150	150	150	500
Measured ACD Agents (Switch Limits)						
Agents Logged in per System	400	75	75	75	75	400
Logged-In Splits per Agent	3	3	3	3	3	3
ACD Supervisor Assist Per System ¹⁹	99	12	24	12	24	99
Queue Slots per Group	200	200	200	200	200	200
Queue Slots per System	1,000	200	200	200	200	1,000

14. Extensions include stations, data endpoints, hunt groups, announcements, TEGs, VDNs, common shared extensions and code calling ids.

15. The numbers shown in "Extension Number Portability" are Uniform Dialing Plan (UDP) entries.

16. Integrated Directory Entries = station + attendant consoles.

17. Used for PCOL groups, common shared extensions, access endpoints, administered TSCs, code calling ids, VDNs, LDNs, hunt groups, announcements, and TEGs.

18. Number of Names = number of stations + attendant consoles + trunk groups + digital data endpoints + miscellaneous extensions.

19. One supervisor assist per split.

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Intercom Translation Table (ICOM)						
Automatic/Manual and Dial ICOM groups per system	32	10	10	10	10	32
Auto/Manual	32	16	16	16	16	32
Dial	32	16	16	16	16	32
Members per ICOM group						
Auto	32	32	32	32	32	32
Dial	32	32	32	32	32	32
Member System	1,024	320	320	320	320	1,024
MLDN						
Via DID	8	8	8	8	8	8
Via CO	50	50	50	50	50	50
Last Number Dialed						
Entries/System ²⁰	2,400	275	275	275	275	2,400
Number of Digits	16	16	16	16	16	16
Leave Word Calling (Switch-Based)						
Messages Stored ²¹	2,000	450	450	450	450	2,000
Messages per User	10	10	10	10	10	10
Remote Message Waiting Indicators						
Per Extension	80	80	80	80	80	80
Per System	80	80	80	80	80	80
Simultaneous Message Retrievers	60	60	60	60	60	60
System-wide Message Retrievers	10	10	10	10	10	10
Modem Pool Groups						
Mode 2/Analog						
Group members per system	160	64	64	64	64	160
Number of groups	5	2	2	2	2	5
Members per group	32	32	32	32	32	32
Networking						
CAS Nodes	99	NA	99	NA	99	99
DCS Nodes						
BX.25 (Traditional)	20	NA	20	NA	20	20
ISDN PRI	NA	NA	20	NA	20	20
Hybrid (Integrated)	NA	NA	20	NA	20	20
UDP Nodes	240	NA	240	NA	240	240
Personal CO Lines (PCOL)						
PCOL Appearances	4	4	4	4	4	4
PCOL Lines (Trunk Groups)	40	15	15	15	15	40
PCOL Trunks Per Trunk Group	1	1	1	1	1	1

20. Last Number Dialed Entries = Stations + Digital Data Endpoints.

21. Leave Word Calling is available in the G3s ABP only if the AT&T Voice Mail Application Support Option is purchased.

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Paging						
Code Calling IDs	125	125	125	125	125	125
Loudspeaker Zones	9	9	9	9	9	9
Port Circuit Pack Slots ²²						
Per EPN						
MCC Simplex	99	NA	NA	NA	NA	99
MCC Duplex	98	NA	NA	NA	NA	98
SCC simplex	71	NA	NA	NA	NA	71
SCC Duplex	70	NA	NA	NA	NA	70
Small Cabinet Simplex (Upgrade only)	39	NA	NA	NA	NA	39
Small Cabinet Duplex (Upgrade only)	38	NA	NA	NA	NA	38
Per PPN						
ESCC Simplex	NA	NA	NA	70	70	NA
MCC Simplex	89	NA	NA	NA	NA	89
MCC Duplex	78	NA	NA	NA	NA	78
SCC Simplex	64	NA	NA	NA	NA	64
SCC Duplex	56	NA	NA	NA	NA	56
CSCC Simplex	NA	10	10	NA	NA	NA
Recorded Announcements						
Analog Queue Slots per Announcement	150	50	50	50	50	150
Analog Queue Slots per System	150	50	50	50	50	150
Calls Connected per Announcement						
Integrated Announcement	5	5	5	5	5	5
Analog Port	5	5	5	5	5	5
Channels per Integrated Announcement Circuit Pack	16	16	16	16	16	16
Integrated Announcement Circuit Pack	1	1	1	1	1	1
Integrated Announcement Recording Time (Min:Sec)						
16 kB recording	NA	8:32	8:32	8:32	8:32	8:32
32 kB recording	4:16	4:16	4:16	4:16	4:16	4:16
Integrated Queue Slots per System	50	50	50	50	50	50
Recorded Announcements	64	128	128	128	128	128
System Administration						
Admin History File Entries	250	50	50	50	50	250
Simultaneous Administration Command	1	1	1	1	1	1
Simultaneous Maintenance Command	1	1	1	1	1	1
Simultaneous SM Sessions	5	3	3	3	3	5
Printer Queue Size	50	50	50	50	50	50

22. Only port slots are included in this count. For example, there are 99 port slots per MCC EPN cabinet of which one is dedicated for the Tone/Clock circuit pack. There maybe other service circuits required which would further reduce the number of port slots available.

In G3i carriers, a 21st slot maybe equipped with service boards that do not require tip and ring connections.

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Speech Synthesis Circuit Packs	6	6	6	6	6	6
Channels per Speech Circuit Pack	4	4	4	4	4	4
Terminating Extension Groups (TEGs)						
TEGs	32	32	32	32	32	32
Users That May Share a TEG	4	4	4	4	4	4
Time Slots						
Simultaneous Circuit Switched Calls	482	180	180	180	180	723
Total Slots	1,024	512	512	512	512	1,536
Time Slots for Voice & Data ²³	966	483	483	483	483	1,449
Time Slots per Port Network	512	512	512	512	512	512
Tone Classifiers						
Call Classifier Circuit Packs	NA	NA	10	NA	10	10
Call Progress/Touch Tone Receivers	NA	NA	80	NA	80	80
Tone Detector Circuit Packs	20	10	10	20	20	20
General Purpose Tone Detectors	40	20	20	40	40	40
Touch-Tone Receivers	80	40	40	80	80	80
TTR Queue Size	4	4	4	4	4	4
Trunks						
DS1 Circuit Packs	30	8	8	8	8	30
Queue Slots for Trunks	198	32	64	32	64	198
PRI Interfaces via Processor Interface ²⁴	8	NA	4	NA	4	8
PRI Temporary Signaling Connections						
TSCs in System	NA	NA	164	NA	164	656
Call Associated TSCs	NA	NA	100	NA	100	400
Non Call Associated TSCs	NA	NA	64	NA	64	256
Administered TSCs	NA	NA	32	NA	32	128
Ringback Queue Slots	120	120	120	120	120	120
Total PRI Interfaces ²⁵	8	NA	4	NA	4	8
Trunk Groups in the System	99	16	32	16	32	99
Trunk Members in a Trunk Group	99	50	99	50	99	99
Trunks in System (incl. Remote Access)	400	50	100	50	100	400

23. 483 time slots for voice and data per port network.

24. Only one PI circuit pack is supported in the G3vs/G3s configuration (Enhanced Control Cabinet), and therefore a total of four physical links (used for BX.25 or PRI) is available.

25. In the G3i configuration, two PI circuit packs can be supported in the MCC, and therefore a total of eight physical links (used for BX.25 or PRI) are available. Since the SCC and Enhanced Control Cabinet can only support one PI circuit pack, a total of four physical links (used for BX.25 or PRI) is available in the G31 SCC, G3vs CESC, and G3s ESCC configurations.

**Table 2-1. Maximum System Parameters for Hardware and Software Items
(continued)**

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
Voice Terminals						
Associated Data Modules (for example, DTDMs)	800	75	75	75	75	800
BRI Stations ²⁶	NA	NA	NA	50	50	1,000
Digital Stations ²⁷	712	80	80	200	200	1,600
Stations ²⁸	1,600	200	200	200	200	1,600
Station Button Capacity (K Units) ²⁹	NA	68.4	68.4	68.4	68.4	547.2

26. All BRI stations can be display stations.
27. All digital stations can be 7406D stations with display. The 80 station limit for G3vi has been set due to power limitations.
28. The maximum line and station capacities for G3vs system are actually software capacities. These capacities are limited by the hardware design of the G3vs CSCC, which provides ten Universal Port Slots to accommodate stations and trunks. A typical G3vs customer configuration includes up to 80 stations and 24 trunks.
29. "Station Button Capacity (K units)" replaces "Maximum Button Modules" (from pre-G3i).
The following examples show how these units can be used. The assumption is that only three call appearances are assigned to the sets (except analog sets which have no call appearances).
- Analog sets (for example 7104A): G3s, G3i = 62 units
 - Digital sets with 10 buttons (for example 7403D): G3s, G3i = 102 units
 - Digital sets with 34 buttons, without display (for example 7405D): G3s, G3i = 342 units
 - Digital sets with 34 buttons, with display (for example 7405D): G3s, G3i = 472 units
 - BRI sets with 17 buttons, with display (for example 7506D): G3s, G3i = 250 units

The station button capacity can support all stations equipped as digital sets with 34 buttons, without display (for example 7405D), or all 7406D with display. For example, a total of (342x 200) units = 68,400 units for G3vs.

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