



## **DEFINITY® Communications System**

Generic 1 and Generic 3  
Feature Description Addendum  
(G3vs Customers Only)

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## About this Document

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Introduction

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# About this Document

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## Introduction

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This addendum describes the DEFINITY® Communications System Generic 3vs capabilities and capacities. Since the DEFINITY Generic G3vs feature set is a subset of the DEFINITY Communications System Generic 3i (G3i) feature set, this document focuses on the options available with G3vs and lists additional features available if you upgrade to G3i.

For a comprehensive description of the G3i features, see the *DEFINITY Communications System Generic 1 and Generic 3 Feature Description*, 555-230-201, and the following addenda:

- ▶ The *DEFINITY Communications System Generic 1 and Generic 3 Feature Description Addendum*, 555-230-201ADD1
- ▶ The *DEFINITY Communications System Generic 1 and Generic 3 Feature Description Addendum*, 555-230-201ADD2

Throughout this document, the term “DEFINITY Generic 3vs” refers to the DEFINITY Communications System Generic 3vs (G3vs), the term “DEFINITY Generic 3i” refers to the DEFINITY Communications System Generic 3i (G3i); and the term “DEFINITY Generic 3r” refers to the DEFINITY Communications System Generic 3r (G3r).

This addendum contains three sections:

- **DEFINITY Generic 3vs Overview**

This section describes the two DEFINITY Generic 3vs packages — the Premier Business Package (PBP) and the Advantage Business Package (ABP) — and the options available with each package.

- **System Capabilities**

This section provides a table listing the G3i feature set and indicates which features are standard and which features are optional with the G3vs Premier Business Package, G3vs Advantage Business Package, G3s Premier Business Package, G3s Advantage Business Package, and G3i.

- **System Capacities**

This section provides a table listing the system capacities for both the G3vs Premier Business Package and G3vs Advantage Business Package. The table also lists the corresponding G1, G3s, and G3i capacities.

For additional information on DEFINITY Generic 3vs, see the following documents: *DEFINITY Communications System Generic 3vs System Description Addendum*, 555-230-200ADD2, and the *DEFINITY Communications System Generic 3vs Implementation Addendum*, 555-230-650ADD3.

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# DEFINITY Generic 3vs Overview

# 1

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## Contents

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## DEFINITY Generic 3vs Overview

# 1

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DEFINITY Generic 3vs is a new member of the Generic 3 family of cost-effective digital communications systems designed to:

- Provide businesses with a configuration that includes up to 80 stations and 24 trunks.
- Provide satellite affiliates of multilocation businesses with the same telecommunication services available at larger locations using the G3s, G3i, and G3r switches.

G3vs is a convenient wall-mounted single-cabinet switch with a FLASH memory card that supports all G3i features and options except for the following:

- Integrated Services Digital Network — Basic Rate Interface (ISDN-BRI)
- CallVisor Adjunct/Switch Application Interface (ASAI)
- Expansion Port Networks (EPN)
- SCC Port Cabinets
- High and Critical Reliability

In addition to providing the same strength of architecture, price performance, and investment protection as G3i and G3r, G3vs also provides many of the G3i and G3r features and applications in packages achieve a variety of business objectives such as the following:

- Routes voice and data information between various endpoints (telephones, terminals, computers, etc.)
- Includes an extensive feature set (for example, Audio Information Exchange Interface and recorded announcement)
- Provides highly robust networking capabilities

- Provides flexibility that allows you to add features or to upgrade the system as business conditions change

DEFINITY Generic 3vs offers two distinct packages: the Premier Business Package (PBP) and the Advantage Business Package (ABP). Each package contains a subset of the DEFINITY Generic 3i features and options that meet specific business needs and provide flexible communication solutions.

The following sections provide a high-level overview of the PBP and ABP standard features and options. Since all G3vs features are also available with DEFINITY G3i, these sections focus on the options available with each package and describes the differences between these packages and the G3i offering. For details about specific G3vs features, see the *DEFINITY Communication Generic 1 and Generic 3i Feature Description* manual, 555-230-201.

### NOTES:

1. The section “System Capabilities” later in this document provides a complete listing of the Generic 3i features and, for each feature, indicates whether the feature is standard (always part of the offering) or optional (can be purchased separately) with the G3vs Premier Business Package, the G3vs Advantage Business Package, the G3s Premier Business Package, the G3s Advantage Business Package, and Generic 3i.
2. Due to the hardware, some G3s and G3i capacity limits are larger than the corresponding Generic 3vs capacity limits. Also, since the Premier Business Package is an enhanced version of the Advantage Business Package, some G3vs PBP capacity limits exceed the corresponding G3vs ABP capacity limits. (All G3vs PBP capacity limits equal or exceed the corresponding G3vs ABP levels.) See the “System Capacities” section later in this document for a complete listing of capacity limits for both the G3vs Premier Business Package and the G3vs Advantage Business Package.

## The G3vs Premier Business Package (PBP)

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The G3vs Premier Business Package (PBP) is designed for customers with up to 200 stations and 100 trunks<sup>1</sup>, and includes all the applications support (except ISDN-BRI and CallVisor® ASAI) provided by G3i. This package includes the following:

- **Standard Application Software**

All standard applications (except ISDN-BRI) available with the DEFINITY Generic 3i switch are also available with the G3vs Premier Business Package. Some of these applications are the following:

- ▶ Administered Connections
- ▶ Attendant Consoles
- ▶ Call Coverage
- ▶ DS1 Connectivity
- ▶ Hospitality Support
- ▶ Leave Word Calling
- ▶ Linked Call Coverage Paths
- ▶ System Measurements Reports
- ▶ Trunk-to-Trunk Transfer

- **Optional Software**

All optional applications (except CallVisor ASAI) available with DEFINITY Generic 3i are also available with the Premier Business Package. These optional features are the following:

- ▶ Answer Detection
- ▶ Automatic Call Distribution (ACD)
- ▶ Automatic Route Selection (ARS) software
- ▶ Authorization Codes
- ▶ Basic Call Management System (BCMS)
- ▶ Call Prompting
- ▶ Call Vectoring

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1. The maximum line and station capacities for a G3vs system are actually software capacities. These capacities are limited by the hardware design for the G3vs 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.

- ▶ Call Work Codes
- ▶ Call Management System (CMS)
- ▶ Centralized Attendant Service (CAS)
- ▶ Distributed Communication System (DCS)
- ▶ Enhanced Abbreviated Dialing (EAD)
- ▶ Forced Entry of Account Codes
- ▶ Inbound Call Management System
- ▶ Integrated Services Digital Network — Primary Rate Interface (ISDN-PRI)



**NOTE:**

Includes the Call-By-Call Service Selection, Facility and Non-Facility Associated Signalling, and Generalized Route Selection features.

- ▶ Look Ahead Interflow
- ▶ Private Network Access (PNA) software
- ▶ Uniform Dialing Plan (UDP)

■ **Unavailable G3i Features**

The DEFINITY G3i features not available with DEFINITY G3vs are the following:

- ▶ Expansion Port Network (EPN) Support
- ▶ Multi-Carrier Cabinets (MCC)
- ▶ SCC Port Cabinet Support
- ▶ High and Critical Reliability Options
- ▶ ISDN-BRI Support
- ▶ CallVisor ASAI Support
- ▶ G3-MA error checking capability

Release 2.0 G3-MA software verifies entries using the DEFINITY Generic 3i capacity limits and not the Premier 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” section later in this addendum for the correct capacity limits.

## The G3vs Advantage Business Package (ABP)

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The Advantage Business Package (ABP) is designed for customers with up to 200 stations and 50 trunks<sup>2</sup>, and includes a subset of the features and applications available with DEFINITY Generic 3i. Specifically, the G3vs Advantage Business Package includes the following standard and optional features.

### ■ Standard Application Software

Most standard voice applications available with G3i are available with G3vs including the following:

- ▶ Attendant Consoles
- ▶ Call Coverage
- ▶ DS1 Connectivity
- ▶ Hospitality Support
- ▶ Trunk-to-Trunk Transfer

### ■ Optional Software

The following standard DEFINITY Generic 3i features are not standard but are optional with the G3vs Advantage Business Package:

- ▶ Leave Word Calling (optional: see the Voice Mail Application Support Option)
- ▶ Linked Call Coverage Paths (optional: see the Voice Mail Application Support Option)
- ▶ System Measurements Reports (optional: see the System Measurements Option)



#### **NOTE:**

Notification of security violations is part of the Advantage Business Package offering.

## Additional Optional Packages

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Six options may be purchased with the G3vs Advantage Business Package:

### ■ The Voice Mail Application Support Option

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2. The maximum line and station capacities for a G3vs system are actually software capacities. These capacities are limited by the hardware design for 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.

This option is enabled when you use an AT&T voice processing adjunct (AUDIX®, AUDIX VOICE POWER™, AUDIX VOICE POWER Lodging, or DEFINITY AUDIX) and provides the following two features:

1. Leave Word Calling
2. Linked Call Coverage Paths

■ **The System Measurements Option**

This option provides all system measurements and traffic reports. If you select the Basic Call Center Option, the System Measurements Option is automatically provided.



**NOTE:**

The security violations measurements are available with the Advantage Business Package, even when the system is configured without the System Measurements Option or the Basic Call Center Option.

■ **The Basic Call Center Option**

This option adds the following three features to the Advantage Business Package offering:

1. Automatic Call Distribution (ACD)
2. Basic Call Management System (BCMS)
3. All system measurements and traffic reports



**NOTE:**

The security violations measurements are available with the Advantage Business Package, even when the system is configured without the Basic Call Center Option.

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

This option provides the Automatic Route Selection feature.

■ **The Authorization Codes Option**

This option provides the Authorization Codes feature.



**NOTE:**

To purchase this option, you must also purchase the Automatic Route Selection (ARS) Option.

■ **The Premier Business Package Upgrade Option**

Although the Advantage Business Package meets and exceeds the business communication objectives of many companies, additional functionality can be obtained by upgrading to the Premier Business Package. Doing so adds the following features which are standard with PBP:

- ▶ Administered Connections (only available if you upgrade to PBP)
- ▶ Leave Word Calling (otherwise only available with ABP if you select the Voice Mail Application Support Option)
- ▶ Linked Call Coverage Paths (otherwise only available with ABP if you select the Voice Mail Application Support Option)
- ▶ All system measurements and traffic reports (otherwise only available with ABP if you select the System Measurements Option or the Basic Call Center Option)<sup>3</sup>
- ▶ Increases the number of trunks supported from 50 to 100.

In addition, upgrading to the Premier Business Package provides the option to purchase individually any of the following G3i features:

- ▶ Answer Detection
- ▶ Authorization Codes

 **NOTE:**

This option can be purchased by upgrading to the PBP or by selecting the ABP Automatic Route Selection and Authorization Codes options.

- ▶ Automatic Call Distribution (ACD)

 **NOTE:**

When upgrading to PBP, you can purchase ACD and BCMS separately. Without upgrading to PBP, you can only add ACD and BCMS by purchasing the Basic Call Center Option. (The Basic Call Center Option provides both ACD and BCMS as well as the system measurements reports.)

- ▶ Automatic Route Selection (ARS) software

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3. The security violations measurements are available with the Advantage Business Package, even if ABP is configured without an option for system measurements.

- ▶ Basic Call Management System (BCMS)



**NOTE:**

When upgrading to PBP, you can purchase ACD and BCMS separately. Without upgrading to PBP, you can only add ACD and BCMS by purchasing the Basic Call Center Option. (The Basic Call Center Option provides both ACD and BCMS as well as the system measurements reports.)

- ▶ Call Prompting
- ▶ Call Vectoring
- ▶ Call Work Codes
- ▶ Centralized Attendant Service (CAS)
- ▶ Distributed Communication System (DCS)
- ▶ Enhanced Abbreviated Dialing (EAD)
- ▶ Forced Entry of Account Codes
- ▶ Inbound Call Management System
- ▶ Integrated Services Digital Network — Primary Rate Interface (ISDN-PRI)



**NOTE:**

Includes the Call-By-Call Service Selection, Facility and Non-Facility Associated Signalling, and Generalized Route Selection features.

- ▶ Look Ahead Interflow
- ▶ Public Network Access (PNA) software
- ▶ Uniform Dialing Plan (UDP)

- **G3i Features Not Available with G3vs PBP Upgrade**

The only DEFINITY G3i capabilities not available with DEFINITY G3vs PBP upgrade options are the following:

- ▶ Expansion Port Network (EPN) Support
- ▶ Multi-Carrier Cabinets (MCC)
- ▶ SCC Port Cabinet Support
- ▶ High and Critical Reliability Options
- ▶ ISDN-BRI Support
- ▶ CallVisor ASAI Support

▶ **G3-MA error checking capability**

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

## **System Capabilities**

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Table 1 begins on the next page and provides a complete listing of the G3vs, G3s, and G3i features. For each feature, Table 1 indicates whether the feature is standard (always part of the offering) or optional (can be purchased separately) with the G3vs Advantage Business Package, G3vs Premier Business Package, G3s Advantage Business Package, G3s Premier Business Package, and Generic 3i. The following notation is used to indicate feature availability:

### **LEGEND:**

S	Standard
O	Optional
N/A	Not Available



### **NOTE:**

Customers outside of North America should refer to the column marked G3vs PBP for feature availability.

Table 1-1. G3vs, G3s, and G3i Features

Feature	G3vs ABP	G3vs PBP	G3s ABP	G3s PBP	G3i
Abandoned Call Search	S	S	S	S	S
Abbreviated Dialing	S <sup>1</sup>	S <sup>2</sup>	S <sup>1</sup>	S <sup>2</sup>	S <sup>2</sup>
Abbreviated Dialing (Enhanced)	N/A	O	N/A	O	O
Administered Connections	N/A	S	N/A	S	S
Administration Without Hardware	S	S	S	S	S
Agent Call Handling	O <sup>3</sup>	O <sup>4</sup>	O <sup>3</sup>	O <sup>4</sup>	O <sup>4</sup>
Alphanumeric Dialing	S	S	S	S	S
Answer Detection by Call Classifier	N/A	O	N/A	O	O
ARS/AAR Partitioning	S	S	S	S	S
Attendant Auto-Manual Splitting	S	S	S	S	S
Attendant Call Waiting	S	S	S	S	S
Attendant Control of Trunk Group Access	S	S	S	S	S
Attendant Direct Extension Selection With Busy Lamp Field	S	S	S	S	S
Attendant Direct Trunk Group Selection	S	S	S	S	S
Attendant Display	S	S	S	S	S
Attendant Recall	S	S	S	S	S
Attendant Release Loop Operation	S	S	S	S	S
Audio Information Exchange (AUDIX) Interface	O	O	O	O	O
Authorization Codes	O	O	O	O	O
Automatic Alternate Routing (AAR)	N/A	O <sup>5</sup>	N/A	O <sup>5</sup>	O <sup>5</sup>
Automatic Callback	S	S	S	S	S
Automatic Call Distribution (ACD)	O <sup>3</sup>	O	O <sup>3</sup>	O	O
Automatic Circuit Assurance	S	S	S	S	S
Automatic Incoming Call Display	S	S	S	S	S
Automatic Route Selection (ARS)	O	O	O	O	O
Automatic Wakeup	S	S	S	S	S

1. Abbreviated Dialing is a standard feature; however, Enhanced Abbreviated Dialing is not available with the Advantage Business Package.
2. Abbreviated Dialing is a standard feature; however, Enhanced Abbreviated Dialing is a Premier Business Package and G3i option.
3. Available when the Basic Call Center Option is purchased.
4. Available when ACD software is purchased.
5. Available when PNA software is purchased.

Table 1-1. G3vs, G3s, and G3i Features (continued)

Feature	G3vs ABP	G3vs PBP	G3s ABP	G3s PBP	G3i
Basic Call Management System (BCMS)	O <sup>6</sup>	O	O <sup>6</sup>	O	O
Bridged Call Appearance — Multi-Appearance Voice Terminal	S	S	S	S	S
Bridged Call Appearance — Single-Line Voice Terminal	S	S	S	S	S
Busy Verification of Terminals and Trunks	S	S	S	S	S
Call-By-Call Service Selection	N/A	O <sup>7</sup>	N/A	O <sup>7</sup>	O <sup>7</sup>
Call Coverage	S <sup>8</sup>	S	S <sup>8</sup>	S	S
Call Detail Recording (CDR)	S	S	S	S	S
Call Forwarding All Calls	S	S	S	S	S
Call Management System (CMS)	O <sup>9</sup>				
Call Park	S	S	S	S	S
Call Pickup	S	S	S	S	S
Call Prompting	N/A	O	N/A	O	O
Call Vectoring	N/A	O	N/A	O	O
CallVisor Adjunct/Switch Application Interface (ASAI)	N/A	N/A	N/A	O	O
Call Waiting Termination	S	S	S	S	S
CDR Account Code Dialing	S	S	S	S	S
Centralized Attendant Service (CAS)	N/A	O	N/A	O	O
Class of Restriction (COR)	S	S	S	S	S
Class of Service (COS)	S	S	S	S	S
Code Calling Access	S	S	S	S	S
Conference — Attendant	S	S	S	S	S
Conference — Terminal	S	S	S	S	S
Consult	S	S	S	S	S
Coverage Callback	S	S	S	S	S
Coverage Incoming Call Identification (ICI)	S	S	S	S	S
Customer-Provided Equipment (CPE) Alarm	S	S	S	S	S

6. Available when the Basic Call Center Option is purchased.
7. Available when ISDN-PRI software is purchased for public and private networking.
8. Linked Call Coverage Paths are not standard. However, Linked Call Coverage Paths are available as part of the Voice Mail Application Support Option package.
9. CMS is optionally available as an adjunct.

Table 1-1. G3vs, G3s, and G3i Features (continued)

Feature	G3vs ABP	G3vs PBP	G3s ABP	G3s PBP	G3i
Data Call Setup	S	S	S	S	S
Data Hot Line	S	S	S	S	S
Data-Only Off-Premises Extensions	S	S	S	S	S
Data Privacy	S	S	S	S	S
Data Restriction	S	S	S	S	S
DCS Alphanumeric Display for Terminals	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Attendant Control of Trunk Group Access	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Attendant Direct Trunk Group Selection	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Attendant Display	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Automatic Callback	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Automatic Circuit Assurance (ACA)	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Busy Verification of Terminals and Trunks	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Call Forwarding All Calls	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Call Waiting	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Distinctive Ringing	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Leave Word Calling	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Multi-Appearance Conference/Transfer	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Over ISDN-PRI D-Channel	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
DCS Trunk Group Busy/Warning Indication	N/A	O <sup>10</sup>	N/A	O <sup>10</sup>	O <sup>10</sup>
Default Dialing	S	S	S	S	S
Dial Access to Attendant	S	S	S	S	S
Dial Plan	S	S	S	S	S
Digital Multiplexed Interface	S	S	S	S	S
Direct Department Calling (DDC) and Uniform Call Distribution (UCD)	S	S	S	S	S
Direct Inward Dialing (DID)	S	S	S	S	S
Direct Inward and Outward Dialing (DIOD) — International	S	S	S	S	S
Direct Outward Dialing (DOD)	S	S	S	S	S
Distinctive Ringing	S	S	S	S	S
Do Not Disturb	S	S	S	S	S
DS1 Trunk Service	S	S	S	S	S
EIA Interface	S	S	S	S	S
Emergency Access to the Attendant	S	S	S	S	S

10. Available when DCS software is purchased.

Table 1-1. G3vs, G3s, and G3i Features (continued)

Feature	G3vs ABP	G3vs PBP	G3s ABP	G3s PBP	G3i
Facility and Non-Facility Associated Signaling	N/A	O <sup>11</sup>	N/A	O <sup>11</sup>	O <sup>11</sup>
Facility Busy Indication	S	S	S	S	S
Facility Restriction Levels (FRLs)	S	S	S	S	S
Facility Test Calls	S	S	S	S	S
Forced Entry of Account Codes	N/A	O	N/A	O	O
Generalized Route Selection	N/A	O <sup>11</sup>	N/A	O <sup>11</sup>	O <sup>11</sup>
Go to Cover	S	S	S	S	S
Hold	S	S	S	S	S
Hot Line Service	S	S	S	S	S
Hunting	S	S	S	S	S
Inbound Call Management	N/A	O	N/A	O	O
Individual Attendant Access	S	S	S	S	S
Information System Network (ISN) Interface	S	S	S	S	S
Integrated Directory	S	S	S	S	S
Integrated Services Digital Network — Basic Rate Interface (ISDN-BRI)	N/A	N/A	S	S	S
Integrated Services Digital Network — Primary Rate Interface (ISDN-PRI)	N/A	O	N/A	O	O
Intercept Treatment	S	S	S	S	S
Intercom — Automatic	S	S	S	S	S
Intercom — Dial	S	S	S	S	S
Internal Automatic Answer	S	S	S	S	S
Inter-PBX Attendant Calls	S	S	S	S	S
Intraflow and Interflow	O <sup>12</sup>	O <sup>13</sup>	O <sup>12</sup>	O <sup>13</sup>	O <sup>13</sup>
Last Number Dialed	S	S	S	S	S
Leave Word Calling	O <sup>14</sup>	S	O <sup>14</sup>	S	S
Line Lockout	S	S	S	S	S
Look Ahead Interflow	N/A	O	N/A	O	O
Loudspeaker Paging Access	S	S	S	S	S
Loudspeaker Paging Access — Deluxe	S	S	S	S	S
Manual Message Waiting	S	S	S	S	S

11. Available when ISDN-PRI software is purchased for public and private networking.
12. Available when the Basic Call Center Option is purchased.
13. Available when ACD software is purchased.
14. Available when the Voice Mail Application Support Option is purchased.

Table 1-1. G3vs, G3s, and G3i Features (continued)

Feature	G3vs ABP	G3vs PBP	G3s ABP	G3s PBP	G3i
Manual Originating Line Service	S	S	S	S	S
Manual Signaling	S	S	S	S	S
MERLIN®/System 25 Voice Terminal — 731xH Series Support	S	S	S	S	S
Modem Pooling	S	S	S	S	S
Move Agents from CMS	O <sup>15</sup>				
Multi-Appearance Preselection and Preference	S	S	S	S	S
Multiple Listed Directory Numbers	S	S	S	S	S
Music-on-Hold Access	S	S	S	S	S
Names Registration	S	S	S	S	S
Network Access — Private	S	S	S	S	S
Network Access — Public	S	S	S	S	S
Night Service — Hunt Group	S	S	S	S	S
Night Service — Night Console Service	S	S	S	S	S
Night Service — Night Station Service	S	S	S	S	S
Night Service — Trunk Answer from Any Station	S	S	S	S	S
Night Service — Trunk Group	S	S	S	S	S
Off-Premises Station	S	S	S	S	S
PC/PBX Connection	S	S	S	S	S
Personal Central Office Line (PCOL)	S	S	S	S	S
Personalized Ringing	S	S	S	S	S
Power Failure Transfer	S	S	S	S	S
Priority Calling	S	S	S	S	S
Privacy — Attendant Lockout	S	S	S	S	S
Privacy — Manual Exclusion	S	S	S	S	S
Property Management System Interface	S	S	S	S	S
Queue Status Indications	S	S	S	S	S
Recall Signaling	S	S	S	S	S
Recent Change History	O	S	S	S	S
Recorded Announcement	S	S	S	S	S
Recorded Telephone Dictation Access	S	S	S	S	S
Remote Access	S	S	S	S	S
Report Scheduler and System Printer	S	S	S	S	S

15. CMS is optionally available as an adjunct. Move Agents from CMS is only available if CMS is selected.

Table 1-1. G3vs, G3s, and G3i Features (continued)

Feature	G3vs ABP	G3vs PBP	G3s ABP	G3s PBP	G3i
Restriction — Controlled	S	S	S	S	S
Restriction — Miscellaneous Terminal	S	S	S	S	S
Restriction — Miscellaneous Trunk	S	S	S	S	S
Restriction — Toll	S	S	S	S	S
Restriction — Toll/Code	S	S	S	S	S
Restriction — Voice Terminal — Inward	S	S	S	S	S
Restriction — Voice Terminal — Manual Terminating Line	S	S	S	S	S
Restriction — Voice Terminal — Origination	S	S	S	S	S
Restriction — Voice Terminal — Outward	S	S	S	S	S
Restriction — Voice Terminal — Termination	S	S	S	S	S
Ringback Queuing	S	S	S	S	S
Ringer Cutoff	S	S	S	S	S
Rotary Dialing	S	S	S	S	S
Security Violation Notification (SVN)	S	S	S	S	S
Send All Calls	S	S	S	S	S
Senderized Operation	S	S	S	S	S
Service Observing	S	S	S	S	S
Single-Digit Dialing and Mixed Station Numbering	S	S	S	S	S
Straightforward Outward Completion	S	S	S	S	S
Subnet Trunking	S	S	S	S	S
System Measurements	O <sup>16</sup>	S	O <sup>16</sup>	S	S
System Status Report	S	S	S	S	S
Temporary Bridged Appearance	S	S	S	S	S
Terminating Extension Group	S	S	S	S	S
Through Dialing	S	S	S	S	S
Time of Day Routing	O <sup>17</sup>				
Timed Reminder	S	S	S	S	S
Touch-Tone Dialing	S	S	S	S	S
Transfer	S	S	S	S	S
Traveling Class Marks (TCMs)	N/A	O <sup>18</sup>	N/A	O <sup>18</sup>	O <sup>18</sup>

16. Available when the System Measurements Option or Basic Call Center Option is purchased.

17. Available when ARS is purchased.

18. Available when PNA software is purchased.

Table 1-1. G3vs, G3s, and G3i Features (continued)

Feature	G3vs ABP	G3vs PBP	G3s ABP	G3s PBP	G3i
Trunk Flash	S	S	S	S	S
Trunk Group Busy/ Warning Indicators to Attendant	S	S	S	S	S
Trunk Identification By Attendant	S	S	S	S	S
Trunk-to-Trunk Transfer	S	S	S	S	S
Uniform Dial Plan (UDP)	N/A	O	N/A	O	O
Voice Message Retrieval	S	S	S	S	S
Voice Terminal Display	S	S	S	S	S

## **System Capacities**

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

**⇒ NOTE:**

Not all maximum capacities listed in Table 2 can be reached simultaneously with all versions or all configurations of the System.

Also customers outside of North America should look at the column marked G3vs PBP for accurate capacity information.

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

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Abbreviated Dialing (AD)</b>						
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
<b>Applications Adjuncts</b>						
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 1-2. Maximum System Parameters for Hardware and Software Items**  
(continued)

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Attendant Service</b>						
Attendant Consoles (day/night) <sup>1</sup>	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 <sup>2</sup>	99	NA	32	NA	32	99
Other Access Queues						
Maximum Number of Queues	1	1	1	1	1	1
Maximum Number of Queue Slots <sup>3</sup>	50	30	30	30	30	50
Queue Length	30	30	30	30	30	30
Switched Loops/Console	6	6	6	6	6	6
<b>ARS/AAR</b>						
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 <sup>4</sup>						
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 <sup>5</sup>	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 1-2. Maximum System Parameters for Hardware and Software Items**  
(continued)

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>CallVisor ASAI</b>						
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
<b>Authorization</b>						
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
<b>Automatic Callback Calls</b>						
	160	20	20	20	20	160
<b>Automatic Wakeup</b>						
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
<b>Basic CMS</b>						
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 1-2. Maximum System Parameters for Hardware and Software Items**  
(continued)

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Call Appearances</b>						
Bridged Images/Appearance	7	7	7	7	7	7
Call Appearances/Station <sup>6</sup>	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 <sup>7</sup>	5	5	5	5	5	5
<b>Cabinets</b>						
<b>EPN</b>						
MCC	1	NA	NA	NA	NA	2
SCC	4	NA	NA	NA	NA	8
Small (Upgrades only) <sup>8</sup>	1	NA	NA	NA	NA	2
<b>Inter-Port Network Connectivity</b>						
Port Networks	2	1	1	1	1	3
<b>PPN</b>						
MCC <sup>9</sup>	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
<b>Call Coverage</b>						
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 <sup>10</sup>	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 1-2. Maximum System Parameters for Hardware and Software Items**  
(continued)

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Call Detail Recording</b>						
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 <sup>11</sup>	1	1	1	1	1	1
<b>Call Forwarding (Follow-me)</b>						
Call Forwarded Digits (off-net)	16	16	16	16	16	16
Call Forwarded Numbers	1,600	200	200	200	200	1,600
<b>Call Park</b>						
Attendant Group Common Shared Extension Numbers	10	10	10	10	10	10
Number of Parked Calls	482	180	180	180	180	723
<b>Call Pickup Groups</b>						
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
<b>Call Vectoring/Call Prompting</b>						
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
<b>Conference Parties</b>						
Simultaneous 3-way Conference Calls <sup>12</sup>	6	6	6	6	6	6
Simultaneous 3-way Conference Calls <sup>12</sup>	322	161	161	161	161	483
Simultaneous 6-way Conference Calls <sup>13</sup>	160	80	80	80	80	240
<b>Data Parameters</b>						
Administered Connections	NA	NA	24	NA	24	128
Permanent Switched Call	18	NA	NA	NA	NA	NA
<b>Alphanumeric Dialing</b>						
Maximum Entries	NA	50	50	50	50	200
Characters/Entry	NA	22	22	22	22	22
<b>Digital Data Endpoints</b>						
	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 1-2. Maximum System Parameters for Hardware and Software Items**  
(continued)

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Dial Plan</b>						
DID LDNs	8	8	8	8	8	8
Extensions <sup>14</sup>	2,500	500	500	500	500	2,900
Extension Number Portability <sup>15</sup>	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 <sup>16</sup>	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 <sup>17</sup>	900	150	150	150	150	900
Names						
Number of names <sup>18</sup>	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
<b>Do Not Disturb (DND)</b>						
DND Requests per System	1,600	200	200	200	200	1,600
Simultaneous Display Requests	10	10	10	10	10	10
<b>Facility Busy Indicators</b>						
Buttons per Tracked Resource	100	100	100	100	100	100
Number of Indicators (Station & Trunk Groups)	2,400	450	450	450	450	2,400
<b>Hunt Groups or Splits</b>						
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 <sup>19</sup>	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 1-2. Maximum System Parameters for Hardware and Software Items**  
(continued)

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Intercom Translation Table (ICOM)</b>						
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
Members per System	1,024	320	320	320	320	1,024
<b>MLDN</b>						
Via DID	8	8	8	8	8	8
Via CO	50	50	50	50	50	50
<b>Last Number Dialed</b>						
Entries/System <sup>20</sup>	2,400	275	275	275	275	2,400
Number of Digits	16	16	16	16	16	16
<b>Leave Word Calling (Switch-Based)</b>						
Messages Stored <sup>21</sup>	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
<b>Modem Pool Groups</b>						
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
<b>Networking</b>						
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
<b>Personal CO Lines (PCOL)</b>						
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 1-2. Maximum System Parameters for Hardware and Software Items**  
(continued)

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Paging</b>						
Code Calling IDs	125	125	125	125	125	125
Loudspeaker Zones	9	9	9	9	9	9
<b>Port Circuit Pack Slots<sup>22</sup></b>						
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
<b>Recorded Announcements</b>						
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
<b>System Administration</b>						
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 may be other service circuits required which would further reduce the number of port slots available.

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

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

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Speech Synthesis Circuit Packs</b>	6	6	6	6	6	6
Channels per Speech Circuit Pack	4	4	4	4	4	4
<b>Terminating Extension Groups (TEGs)</b>						
TEGs	32	32	32	32	32	32
Users That May Share a TEG	4	4	4	4	4	4
<b>Time Slots</b>						
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 <sup>23</sup>	966	483	483	483	483	1,449
Time Slots per Port Network	512	512	512	512	512	512
<b>Tone Classifiers</b>						
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
<b>Trunks</b>						
DS1 Circuit Packs	30	8	8	8	8	30
Queue Slots for Trunks	198	32	64	32	64	198
PRI Interfaces via Processor Interface <sup>24</sup>	8	NA	4	NA	4	8
PRI Temporary Signalling 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 <sup>25</sup>	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 G3i SCC, G3vs CSCC, and G3s ESCC configurations.

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

Item	G1	G3vs		G3s		G3i
		ABP	PBP	ABP	PBP	
<b>Voice Terminals</b>						
Associated Data Modules (for example, DTDMs)	800	75	75	75	75	800
BRI Stations <sup>26</sup>	NA	NA	NA	50	50	1,000
Digital Stations <sup>27</sup>	712	80	80	200	200	1,600
Stations <sup>28</sup>	1,600	200	200	200	200	1,600
Station Button Capacity (K Units) <sup>29</sup>	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 (342 × 200) units = 68,400 units for G3vs.

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