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**Nortel Communication Server 1000**

Nortel Communication Server 1000 Release 4.5

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# **Library Reference Guide**

Communication Server 1000 Release 4.5

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## Revision history

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### August 2005

Standard 1.00. This document is issued to support Communication Server 1000 Release 4.5.



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## About this document

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This document is a global document. Contact your system supplier or your Nortel Networks representative to verify that the hardware and software described are supported in your area.

### Subject

The *Library Reference Guide: Communication Server 1000 Release 4.5 (553-3001-000)* provides an overview of the Communication Server 1000 and Meridian 1 systems library. It provides an overview of the supported systems, describes the system terminology, lists the library's contents, and explains how the library is organized.

The *Library Reference Guide* contains the following chapters:

- *Systems*: Provides an overview of the supported systems and platforms.
- *Using the library*: Provides basic information on the Communication Server 1000 and Meridian 1 systems library and its components, including information on order numbers.
- *Product Bulletins and Release Notes*: Describes Product Bulletins and Release Notes, including where to find them.
- *CS 1000 document description*: Provides information on the documents contained in the CS 1000 Release 4.5 library, including contents, intended audience, order numbers, NTP numbers, and issue numbers.
- *Documentation changes for CS 1000 Release 4.5*: Provides a list of the NTPs introduced in *CS 1000 Release 4.5*; a list of any NTPs merged, restructured, or retired in *CS 1000 Release 4.5*; and a list of NTPs renumbered and/or with title changes.

- *CS 1000 Release 4.5 NTP library listing*: Provides the NTP titles, NTP numbers, and issue numbers for CS 1000 Release 4.5, sorted by NTP title, by NTP number, and by NTP category.
- *User Guide and Quick Reference Card listing*: Provides a list of the available User Guides and Quick Reference cards.
- *Merged/retired NTPs*: Provides a listing of all NTPs that have been merged or retired, up to and including *CS 1000 Release 4.5*.
- *Terminology*: Defines the system terminology, including changes to terms.

### **Note on legacy products and releases**

This NTP contains information about systems, components, and features that are compatible with Nortel Communication Server 1000 Release 4.5 software. For more information on legacy products and releases, click the **Technical Documentation** link under **Support & Training** on the Nortel home page:

[www.nortel.com](http://www.nortel.com)

## **Applicable systems**

This document applies to the following systems:

- Communication Server 1000S (CS 1000S)
- Communication Server 1000M Chassis (CS 1000M Chassis)
- Communication Server 1000M Cabinet (CS 1000M Cabinet)
- Communication Server 1000M Half Group (CS 1000M HG)
- Communication Server 1000M Single Group (CS 1000M SG)
- Communication Server 1000M Multi Group (CS 1000M MG)
- Communication Server 1000E (CS 1000E)
- Meridian 1 PBX 11C Chassis
- Meridian 1 PBX 11C Cabinet
- Meridian 1 PBX 51C



- Meridian 1 PBX 61C
- Meridian 1 PBX 81
- Meridian 1 PBX 81C

**Note:** When upgrading software, memory upgrades may be required on the Signaling Server, the Call Server, or both.

## System migration

When particular Meridian 1 systems are upgraded to run CS 1000 Release 4.5 software and configured to include a Signaling Server, they become CS 1000M systems. [Table 1](#) lists each Meridian 1 system that supports an upgrade path to a CS 1000M system.

**Table 1**  
**Meridian 1 systems to CS 1000M systems**

This Meridian 1 system...	Maps to this CS 1000M system
Meridian 1 PBX 11C Chassis	CS 1000M Chassis
Meridian 1 PBX 11C Cabinet	CS 1000M Cabinet
Meridian 1 PBX 51C	CS 1000M Half Group
Meridian 1 PBX 61C	CS 1000M Single Group
Meridian 1 PBX 81	CS 1000M Multi Group
Meridian 1 PBX 81C	CS 1000M Multi Group

For more information, see one or more of the following NTPs:

- *Communication Server 1000M and Meridian 1: Small System Upgrade Procedures* (553-3011-258)
- *Communication Server 1000M and Meridian 1: Large System Upgrade Procedures* (553-3021-258)
- *Communication Server 1000S: Upgrade Procedures* (553-3031-258)
- *Communication Server 1000E: Upgrade Procedures* (553-3041-258)

## Intended audience

This document is intended for:

- individuals who are not familiar with the Communication Server 1000 and Meridian 1 systems library and who require information about the library's contents and how the library is organized
- individuals who are familiar with the Communication Server 1000 and Meridian 1 systems library and want to locate a specific document

## Conventions

### Terminology

The following systems are referred to generically as “Small System”:

- Communication Server 1000M Chassis (CS 1000M Chassis)
- Communication Server 1000M Cabinet (CS 1000M Cabinet)
- Meridian 1 PBX 11C Chassis
- Meridian 1 PBX 11C Cabinet

The following systems are referred to generically as “Large System”:

- Communication Server 1000M Half Group (CS 1000M HG)
- Communication Server 1000M Single Group (CS 1000M SG)
- Communication Server 1000M Multi Group (CS 1000M MG)
- Meridian 1 PBX 51C
- Meridian 1 PBX 61C
- Meridian 1 PBX 81
- Meridian 1 PBX 81C

## Related information

This section lists information sources that relate to this document.

### Online

To access Nortel documentation online, click the **Technical Documentation** link under **Support & Training** on the Nortel home page:

[www.nortel.com](http://www.nortel.com)

### CD-ROM

To obtain Nortel documentation on CD-ROM, contact your Nortel customer representative.



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# Systems

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## Small Systems

The CS 1000M Cabinet, Meridian 1 PBX 11C Cabinet, CS 1000M Chassis, and Meridian 1 PBX 11C Chassis are small digital communication systems that offer the advantages of simple installation, maintenance, and administration while retaining the full features of a Large System.

## **Cabinet systems**

The Meridian 1 PBX 11C Cabinet is a small, wall- or floor-mounted digital communication system that can include up to five cabinets: one Main Cabinet plus up to four Expansion Cabinets.

The CS 1000M Cabinet is a Meridian 1 PBX 11C Cabinet with a Signaling Server in the network configuration.

The Cabinet system can be expanded using either fiber or IP connectivity, or a mixture of both. A fully expanded Cabinet system can support up to 720 lines or up to 1000 IP Phones.

**Figure 1**  
**Cabinet system**



## Chassis systems

The Meridian 1 PBX 11C Chassis is a small digital communication system that consists of a Chassis plus an optional Chassis Expander. Two copper cables connect the Chassis Expander to the Chassis. In addition, the Chassis system can be expanded to include up to four Chassis (or Chassis plus Chassis Expander pairs).

The CS 1000M Chassis is a Small System with a Signaling Server in the network configuration. The Chassis system can be expanded using either fiber or IP connectivity, or a mixture of both. A Chassis with Chassis Expander can support up to 160 lines or up to 1000 IP Phones. A fully expanded Chassis system can support up to 720 lines or up to 1000 IP Phones.

**Figure 2**  
**Chassis system**



The Chassis system can be mounted:

- in a 19-inch rack/equipment Cabinet
- on a wall in a vertical position
- on a wall in a horizontal position

## Small System expansion

Both the Cabinet system and the Chassis system support fiber-optic and IP expansion. Up to four Expansion Cabinets or Chassis can be connected to the Main with CAT5 or 100BaseF cable and located up to 1.8 mi (3 km) from the Main. With the introduction of IP connectivity, IP expansion can be distributed over a Campus Data Network.

## Large Systems

All Large Systems consist of Universal Equipment Modules (UEM) stacked one on top of another to form a column. Each column contains a pedestal, a top cap, and up to four modules. A system can have one column or multiple columns. The CS 1000M Large System includes a rack-mounted Signaling Server.

Each UEM is a self-contained unit that houses a card cage and backplane, power and ground cabling, power units, input/output (I/O) panels, circuit cards, and cables. When the card cage is installed, the function of the UEM is established and the module is no longer “universal.” A system can have one column or multiple columns.

### CS 1000M HG and Meridian 1 Option 51C

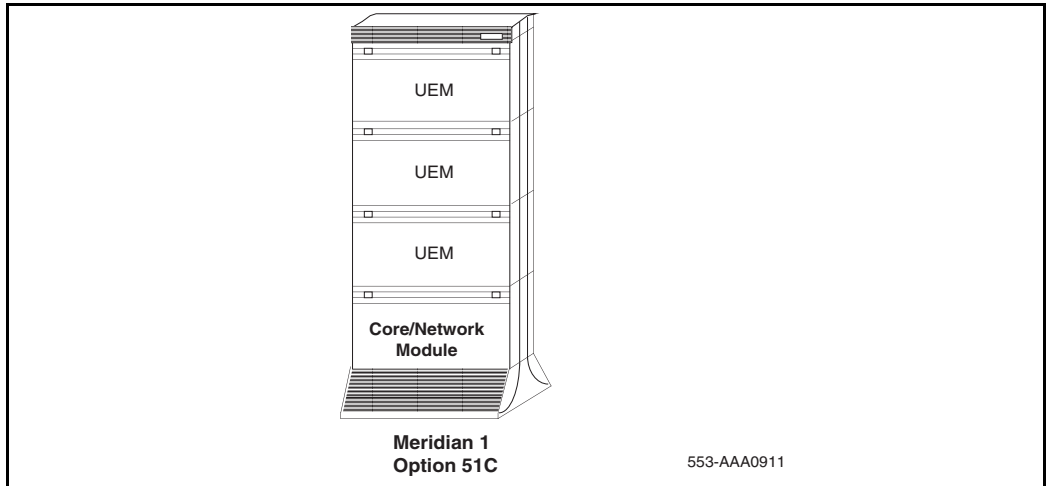
The CS 1000M HG and the Meridian 1 Option 51C are single-CPU systems with a half-network group. One Core/Network module and one IPE module are required. Additional IPE modules, Remote IPE modules, and application modules can be used.

Figure 3 illustrates an Option 51C system.

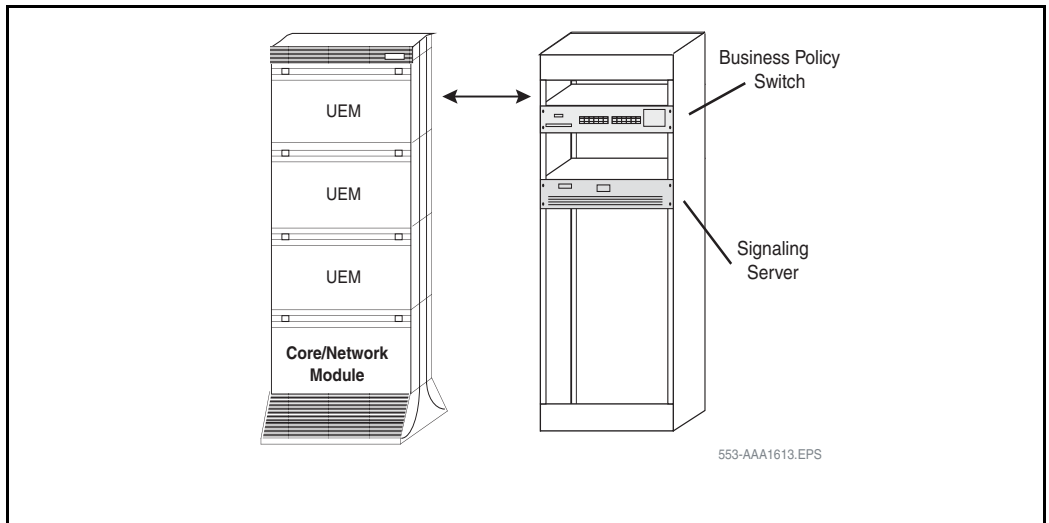
With the addition of a Signaling Server, Meridian 1 Option 51C becomes a CS 1000M HG. Figure 4 on [page 17](#) illustrates a CS 1000M HG.



**Figure 3**  
**Meridian 1 Option 51C**



**Figure 4**  
**CS 1000M HG**



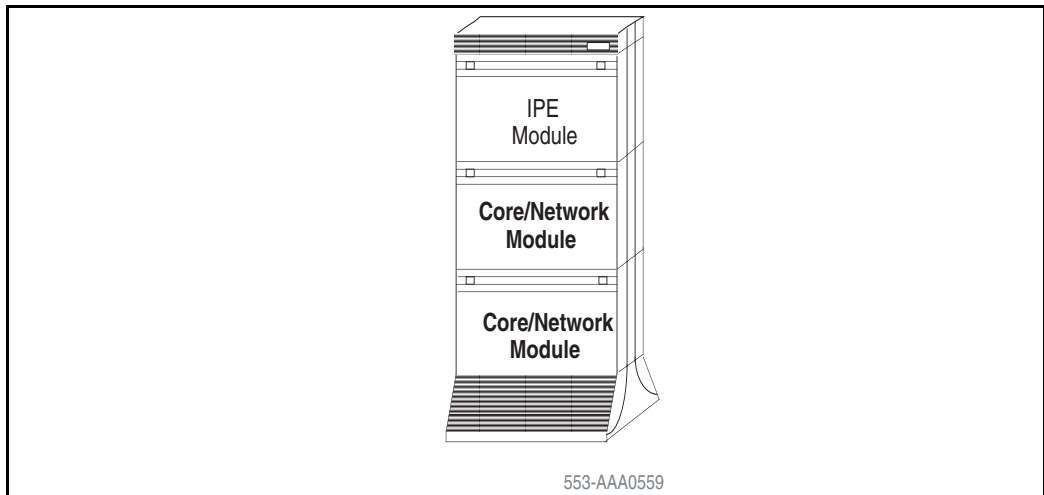
## CS 1000M SG and Meridian 1 PBX 61C

The CS 1000M SG and the Meridian 1 PBX 61C are dual-CPU systems with standby processing capability, fully redundant memory, and a full-network group. Two cPCI Core/Network modules and one IPE module are required. Additional IPE modules and application modules can be used.

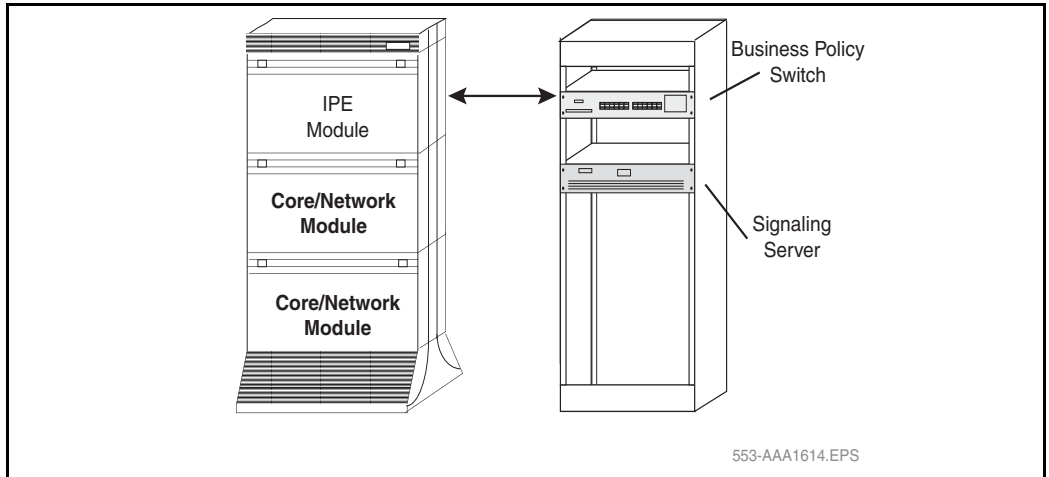
Figure 5 illustrates a Meridian 1 PBX 61C.

With the addition of a Signaling Server, Option 61C or Meridian 1 PBX 61C becomes CS 1000M SG. Figure 6 on [page 19](#) illustrates a CS 1000M SG.

**Figure 5**  
**Meridian 1 PBX 61C**



**Figure 6**  
**CS 1000M SG**



## **CS 1000M MG and Meridian 1 PBX 81C**

The CS 1000M MG and Meridian 1 PBX 81C are dual-CPU systems with standby processing capabilities, fully-redundant memory, and up to eight full network groups. These systems are equipped with two redundant input/output processor and disk drive unit combination packs.

The following modules are required:

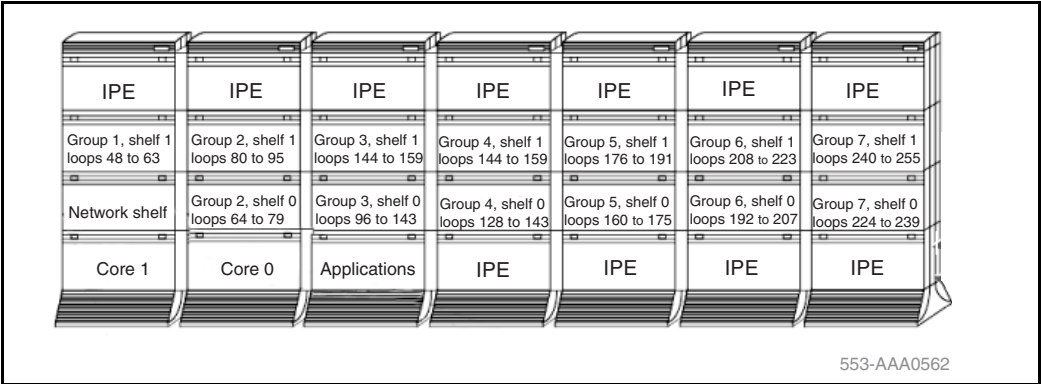
- two Core/Network modules (provides one network group)
- a minimum of two Network modules (provides one network group)
- a minimum of one IPE module

Additional Network and IPE modules are required for additional network groups. Application modules can also be used.

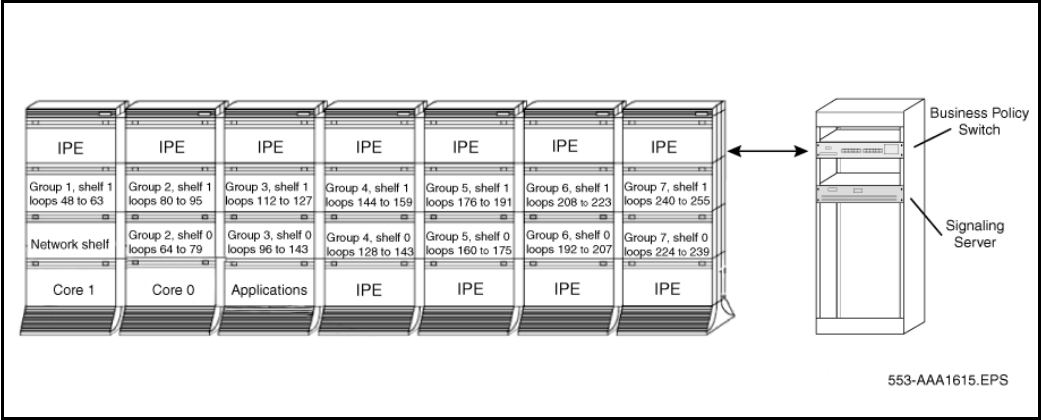
Figure 7 on [page 20](#) shows a typical configuration for eight full network groups. Additional columns can be added, and there can be more than one row of columns.

With the addition of a Signaling Server, Meridian 1 PBX 81C becomes a CS 1000M MG. Figure 8 illustrates the CS 1000M MG.

**Figure 7**  
**Meridian 1 PBX 81C**



**Figure 8**  
**CS 1000M MG**



## CS 1000S

The CS 1000S is an IP PBX that supports the convergence of voice and data networks. In addition to supporting IP features, including Session Initiation Protocol (SIP), the CS 1000S provides continued support of the traditional Meridian suite of features.

CS 1000S architecture provides an IP-based alternative to traditional Meridian 1 architecture. It enables IP-based communication models while protecting the investment of Meridian 1 users.

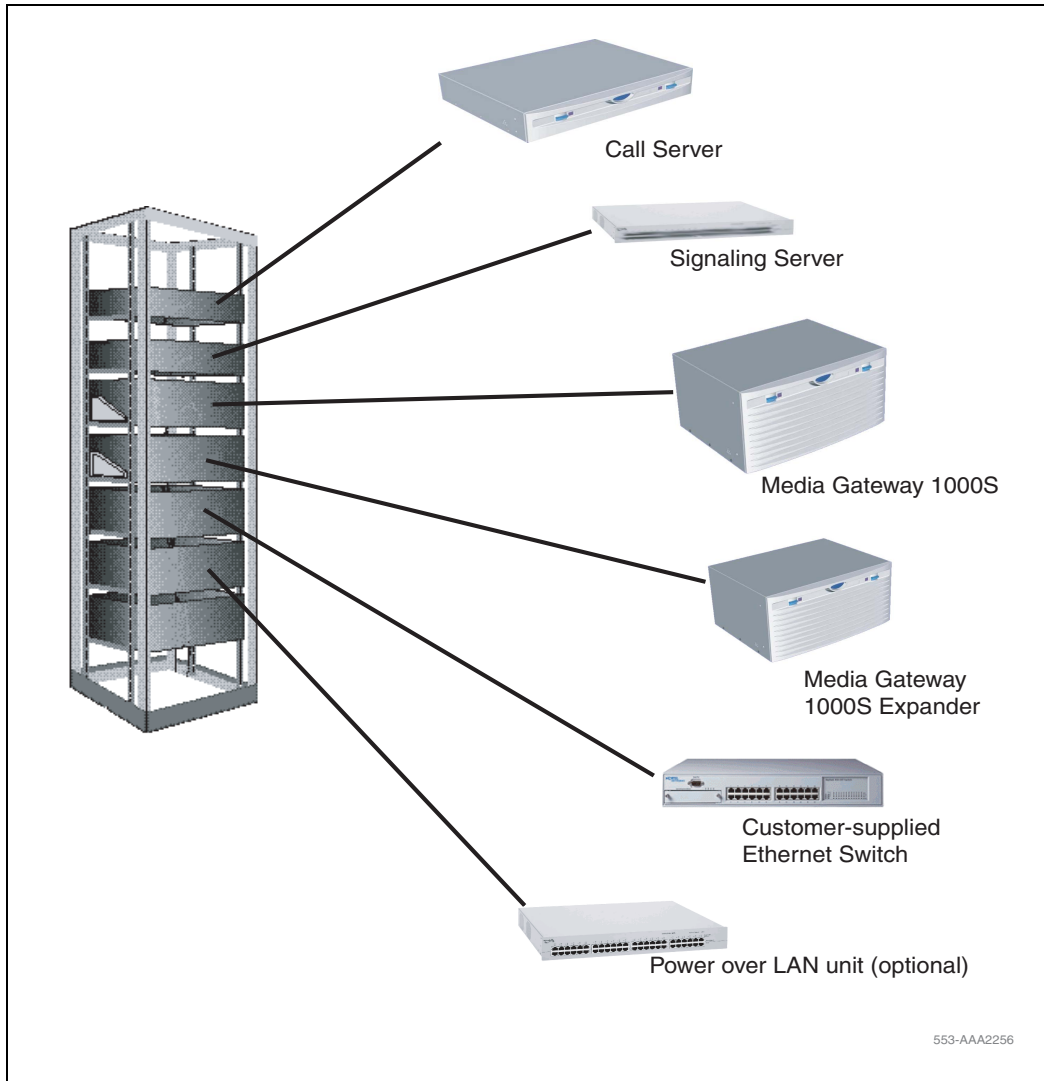
IP-based devices, such as IP Phones, that are registered with the Call Server access the same feature capabilities as existing telephony devices. The Meridian 1 feature set is available to IP devices and soft clients. In addition to access to the Telephony Feature Processing of a Call Server, devices can also access other services in the network, such as XML and IM.

A typical CS 1000S system consists of the following major hardware components:

- Call Server
- Signaling Server
- Media Gateway 1000S (MG 1000S)
- Media Gateway 1000S Expander (MG 1000S Expander)
- IP Phones
- Customer-supplied Ethernet Layer 2 switch
- Power over LAN unit (optional)

Figure 9 on [page 22](#) shows the major hardware components installed in a customer-supplied 19-inch rack.

**Figure 9**  
**CS 1000S components in a rack**



The CS 1000S Call Server can support up to four Media Gateway 1000S (MG 1000S) systems, and each MG 1000S can support a Media Gateway 1000S Expander (MG 1000S Expander).

The MG 1000S has a Small System Controller (SSC) card and has four available slots for flexible configurations of line and trunk cards.

The Call Server can support up to 1000 IP Phones.

The CS 1000S can be deployed in many flexible configurations in a LAN or WAN environment. The system can be deployed in a single location, multiple buildings in a campus setting, or a network of multiple locations with distributed Call Servers or branch offices.

## **CS1000E**

The CS 1000E is an IP PBX that supports TDM PBX capabilities. Unlike traditional circuit-switched PBX systems, the IP-based CS 1000E Core Call Server has no dedicated switching infrastructure. All voice communication between network elements uses a Telephony LAN (TLAN) subnet. The Communication Server 1000E (CS 1000E) supports traditional Meridian features as well as IP Telephony features, including Session Initiation Protocol (SIP). The CS 1000E integrates with existing PBX systems from Nortel and third parties.

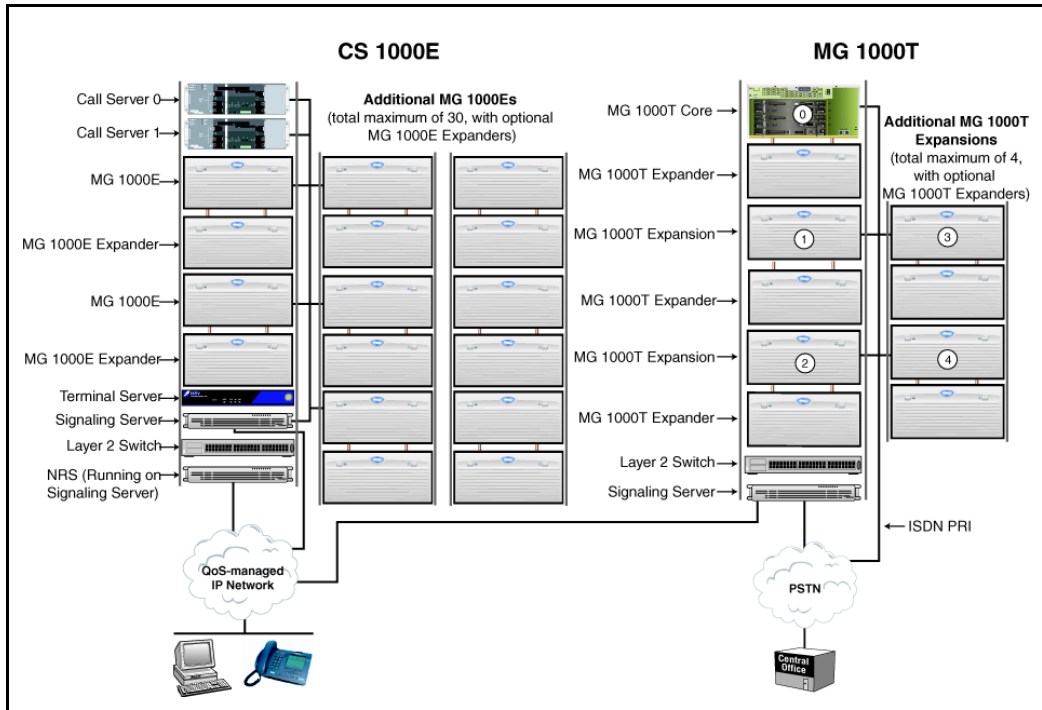
The CS 1000E supports distributed architecture. This enables systems and components to be located where they fit best. For example, using the Branch Office feature, customers can establish Media Gateway 1000Bs (MG 1000B) in remote sites to extend complete feature sets across multiple locations and time zones. The CS 1000E can be configured to support Campus Redundancy and Geographic Redundancy to increase system availability. It enables the customer to deliver a consistent set of services to all locations, whether large or small, and eliminates separate voice wiring.

The CS 1000E enables customers to route calls over their circuit-switched networks or over their QoS-managed IP network, according to the customer's own rules and requirements.

With its dual, redundant CP PIV processors, the CS 1000E supports up to 15 000 IP Phones. To support more IP Phones, multiple CS 1000E systems can be installed across the QoS-managed IP network.

In terms of physical size, the CS 1000E is much smaller than other Large Systems, and its components are rack-mountable in industry-standard 19-inch racks. See Figure 10.

**Figure 10**  
**CS 1000E**



The CS 1000E supports flexible, distributed architecture across a QoS-managed IP network. In combination with a CS 1000E system, a Media Gateway 1000T (MG 1000T) provides PSTN access, which the customer can configure as centralized or distributed to reduce toll costs.

The CS 1000E also supports the Branch Office configuration, which enables a user at a remote location to access the same features available at the main site. This allows customers to extend complete feature sets across multiple locations and time zones and reduce operating costs.



With a CS 1000E system, a customer can convert an Option 11C system to an MG 1000B.

## **Redundant architecture**

The CS 1000E comes configured with fully redundant Call Servers, similar to the dual CPUs used in CS 1000M and Meridian 1 Large Systems. The sections below describe key configuration options.

### **Campus Redundancy**

With Campus Redundancy, a customer can install the inactive Call Server from the active Call Server using a dedicated fiber connection configured to meet specified network parameters. When this configuration is implemented, a major failure of the active Call Server (for example, due to fire or flood) does not disable the remote Call Server.

### **Geographic Redundancy**

Geographic Redundancy enables a customer to duplicate the redundant Call Server Core at a remote location over the customer WAN. The duplicate Core can take over processing if the primary system fails for any reason. Geographic Redundancy also offers automatic database replication between main and backup systems to promote a smooth transition. When this configuration is implemented, the customer enhances the disaster recovery capability of their network and further secures ultra-high reliability.

***Note:*** Geographic Redundancy capabilities only apply to IP Phones. They do not apply to analog (500/2500-type) or digital telephones.

## **Interworking and interoperability**

The CS 1000E supports interworking and interoperability with other enterprise PBX systems from Nortel and third parties. The CS 1000E supports interworking with many Nortel products, including Business Communications Manager (BCM), CS 1000S, and CS 1000M, using standard SIP and H.323 protocols with Meridian Customer Defined Networking (MCDN) extensions to provide more complete feature transparency. The CS 1000E also uses industry-standard SIP and H.323 protocols to support interworking with third-party products.

## Platforms

### MG 1000B and Branch Office

The Branch Office feature extends CS 1000 features from a main office to one or more remote offices.

The Branch Office feature is implemented on a Media Gateway 1000B (MG 1000B) platform. The MG 1000B platform includes an MG 1000B Core connected to an IP PBX at the main office over a LAN or a WAN. This configuration enables a secondary location to centralize the call processing of its IP-based communication network. The Call Server at the main office provides the call processing for the IP Phones in both the main office and branch office locations. The MG 1000B Core provides call processing functionality to local digital telephones and analog devices. The MG 1000B Core also provides digital and analog trunk access to the local Public Switched Telephone Network (PSTN).

The MG 1000B platform connects to the main office over Virtual Trunks on a LAN/WAN. The main office transmits and controls IP Phone calls and IP network connections. If the main office fails to function, or if there is a network outage, the Small System Controller (SSC) card in the MG 1000B Core provides service to the telephones located at the branch office location. This enables the IP Phones to survive the outage between the branch office and the main office.

**Note:** For small Branch Office configurations, the Survivable Remote Gateway feature can provide the same functionality and benefits as the Branch Office feature.

The Branch Office feature can be implemented as a new hardware configuration. It can also be created by converting an existing Small System to an MG 1000B platform. The functionality is the same in both configurations, with one additional feature (Meridian Mail) supported in the converted system.

The main office can be any one of the CS 1000 systems. More than one branch office location can be associated with a single main office. In addition, one branch office location can be associated with more than one main office.

### **MG 1000B platform hardware description**

The basic hardware of an MG 1000B platform includes the MG 1000B Core and the Signaling Server. The MG 1000B Core and MG 1000B Expander can connect to either a LAN or a WAN.

An MG 1000B platform can be a new hardware configuration. It can also be a Small System platform converted to an MG 1000B platform. In the latter case, the cabinet or chassis performs the same functionality as the MG 1000B Core, and the optional chassis expander performs the same functionality as the MG 1000B Expander.

The MG 1000B Core provides access to the local PSTN for users in the branch office. It also provides support for digital telephones and analog devices, such as fax machines and analog (500/2500-type) telephones in the branch office. Where required, the MG 1000B Core is connected by copper wire to the MG 1000B Expander for added capacity.

Figure 11 shows an MG 1000B Core/MG 1000B Expander.

**Figure 11**  
**MG 1000B Core/MG 1000B Expander**



## Survivable Remote Gateway

The Survivable Remote Gateway (SRG) platform extends CS 1000 features from a main office to one or more remote SRG locations (branch offices). The SRG Release 1.0 operates with the CS 1000 running Release 4.5 and is backward-compatible to Release 3.0 and Release 4.0. SRG does not operate with CSE 1000 Release 1.0 and Succession 1000 2.0 systems.

In addition to the SRG 1.0 model, which is a lower-cost alternative to the Media Gateway 1000B product, there is a smaller model for the smaller branch office, known as the SRG50. The SRG50 is optimized for the 5-to-32 user branch office.

The SRG is implemented on a BCM platform and is connected to a CS 1000 at the main office over a LAN or a WAN. This configuration allows the call processing for the IP Phones at the SRG site to be centralized at the main office. The Call Server at the main office provides the call processing for the IP Phones in both the main office and branch offices. The SRG provides call processing functionality to telephones in local mode and local analog devices. The SRG also provides digital and analog trunk access to the local Public Switched Telephone Network (PSTN).

If the main office fails to function, or if there is a network outage, the SRG provides service to the telephones located at the branch office. This enables the IP Phones to survive the outage between the branch office and the main office. More than one SRG can be associated with a single main office.

Figure 12 on [page 29](#) shows an SRG 1.0/SRG50.

**Figure 12**  
**SRG 1.0/SRG50**





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# Using the library

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## Order codes

For ordering purposes, documents in the CS 1000 Release 4.5 library are identified by order codes.

*Note:* Order codes change with each product or library release.

## NTP number

An NTP number is a number assigned to a document for identification purposes. NTP numbers have the following format: AAA-BBBB-CCC, where:

- AAA — product family. For example, 553 represents Meridian 1, Communication Server 1000 and Communication Server 1000M NTPs.
- BBBB — layer (machine type or feature) of related NTPs. For example:
  - 3001 references information that is common to most systems in the product family
  - 3011 references documents that contain Meridian 1 Option 11C Cabinet, Meridian 1 Option 11C Chassis, Communication Server 1000M Cabinet and Communication Server 1000M Chassis-specific information
  - 3021 references documents that contain Meridian 1 PBX 61C, Meridian 1 PBX 81C, Communication Server 1000M Single Group and Communication Server 1000M Multi Group-specific information

- 3031 references documents that contain Communication Server 1000S-specific information
- 3041 references documents that contain Communication Server 1000E-specific information
- CCC — specific category of information. For example:
  - 000-099 represents Basic Information (Basics)
  - 100-199 represents Planning and Engineering
  - 200-299 represents Upgrades and Installation and Configuration (Installation and Commissioning)
  - 300-399 represents Operations and System Administration and Security
  - 400-499 represents System Messages (Performance and Fault Management)
  - 500-599 represents Fault Management and General Maintenance (Performance and Fault Management)

**Note:** Unlike order numbers, NTP numbers normally do not change with each product or library release.

## Category

The specific category that an NTP falls under is defined as follows:

- Basics — Includes library information, system overview, and new release information documents.
- Planning and Engineering — Includes tasks specific to planning, designing, and engineering the network (including the hardware and software); the network management system and internetworking products, such as determining the right technology for the network; accessing the network performance requirements and understanding hardware and software migration impacts; scheduling and ordering; sales application engineering; implementation planning; and traffic/capacity engineering. It also includes card and cabling descriptions.



- **Installation and Commissioning** — Includes tasks performed during initial hardware and software installation; initial configuration; testing/ commissioning of installation, acceptance, and signoff.
- **System Administration and Security** — Includes general system administration and security tasks such as creating user accounts and defining and optimizing system security. Includes Optivity Telephony Manager and Element Manager documents.
- **Operations** — Includes tasks associated with feature and/or application installation, configuration, and activation (including telephones, terminals, consoles, and so on). Includes tasks specific to administering the database, generating reports, and related services.
- **Performance and Fault Management** — Includes system-generated error messages and traffic information. Includes tasks specific to monitoring and optimizing performance measurements and fault data, troubleshooting and correcting faults and alarms, and responding to performance data such as thresholds, operational measurements, and statistics. Includes tasks specific to performing local and remote fixes. Includes input and output error message documents.
- **Upgrades** — Includes tasks specific to planning, preparing, and performing physical hardware removal and installation, new software version upgrades (includes removal and installation). It also includes configuration and testing.



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## Product Bulletins and Release Notes

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Product Bulletins are intended to communicate information about a new or existing product, including technical introductions to new products. Authorized distributors are able to access Product Bulletins through the Partner Information Center, located on the Nortel home page.

A Release Note describes a design change or a product feature that was discovered after market release. Often, a Release Note describes how to work around a product limitation.

Product Bulletins and Release Notes for Nortel Communication Server 1000 products are accessed from the Nortel home page at [www.nortel.com](http://www.nortel.com). This web page displays a list of product family names, which expand to display a list of products and collections.

To access the Product Bulletins and Release Notes:

- 1 Click **Support & Training > Technical Support > Technical Documentation**.

The **Technical Support** window opens.

- 2 Select the **Browse Product Support** tab.
- 3 From the drop-down list under 1 **Select from Product Families**, select **Communication Servers/ Enterprise Communication Servers or Meridian** (depending on the applicable system).
- 4 From the drop-down list under 2 **...choose a product ...**, select the desired system type.
- 5 From the drop-down list under 3 **... and get the content.**, select **Documentation** and click **Go**.



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## CS 1000 document description

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This section describes the Communication Server (CS) 1000 documents for Release 4.5. For each document, the audience, the purpose of the guide, and the topics covered in the document are listed. The documents are listed in numerical order (by NTP number). Where appropriate, documents are grouped together (for example, all of the IP Phone User Guides).

### 553-3001-000 Library Navigator: Communication Server 1000 Release 4.5

**Audience:** System administrator, installer, user

**Purpose:** Overview of the Communication Server 1000 and Meridian 1 systems library.

#### Topics

- Systems
- Using the library
- Product Bulletins and Release Notes
- CS 1000 document descriptions
- Documentation changes for CS 1000 Release 4.5
- CS 1000 Release 4.5 library listing
- User Guide and Quick Reference Guide listing
- Merged/retired NTPs

## 553-3001-011 Feature Listing

**Audience:** System administrator, installer, user

**Topics**

- Alphabetic list of software features

**Purpose:** Provides a complete list of software features available on CS 1000 and Meridian 1 systems. Indicates the source documents for further descriptions of the features.

## 553-3001-015 What's New for Communication Server 1000 Release 4.5

**Audience:** System administrator, installer, user

**Purpose:** Describes the new features and equipment for CS 1000 Release 4.5.

## 553-3001-153 Spares Planning

**Audience:** System administrator

**Topics**

**Purpose:** Provides information needed to calculate and plan for spare (replaceable) equipment. Contains failure rate information for the equipment.

- Spares planning
- Failure rates for system components, power and cooling components, circuit cards, terminal equipment, cables, miscellaneous components
- Converting NFT values to spares requirements

## 553-3001-154 Equipment Identification

**Audience:** System administrator, installer

**Purpose:** Identifies equipment that can be used with CS 1000 and Meridian 1 systems.

### Topics

- General information
- System components
- Power and cooling equipment
- Common equipment cards
- Peripheral equipment cards
- Cables
- Miscellaneous equipment

## 553-3001-156 Product Compatibility

**Audience:** System administrator

**Purpose:** Summarizes compatibility for software releases and individual hardware products.

### Topics

- Software compatibility
- Telephone, console and data equipment compatibility
- Hardware compatibility

## 553-3001-160 Converging the Data Network With VoIP

**Audience:** System administrator, installer

**Purpose:** Describes the proper provisioning to support IP Telephony services.

### Topics

- Overview
- Network design assessment
- Quality of Service (QoS) mechanisms
- Network performance measurement
- Server LAN design
- Configuration of the DHCP server
- Operating the VoIP network
- Port number tables

continued ...

553-3001-160 Data Networking for Voice over IP (continued ...)

- Subnet mask conversion from CIDR to dotted decimal format
- DHCP supplemental information
- Setup and configuration of DHCP servers

553-3001-180 Electronic Switched Network: Signaling and Transmission Guidelines

**Audience:** System administrator

**Purpose:** Describes the signaling guidelines and considerations applicable to Electronic Switch Networks (ESNs). Describes the major transmission considerations when planning an ESN.

**Topics**

- Overview
- Call setup sequences
- Transmission considerations, planning, performance
- Maintaining transmission performance

553-3001-182 Transmission Parameters

**Audience:** Installer

**Purpose:** Assists in the installation of systems in North American and non-North American locations. Contains information about transmission parameters for all systems.

**Topics**

- Transmission level adjustment
- Off-premises stations
- Conference bridge
- Dynamic Pad Switching
- Static Pad download
- Static Loss Plan downloading
- Dynamic Loss switching
- Balance impedance adjustment

continued ...



**553-3001-182 Transmission Parameters (continued ...)**

- Digital trunk and Primary Rate Interface
- 1.5/2.0 Mbit Gateway
- Basic Rate Interface Lines and Trunks
- Meridian Modular Telephones
- Transmission characteristics - A-Law,  $\mu$ -Law
- Loss plan
- Transmission parameters for Meridian Modular Telephones
- Small System transmission parameters
- CS 1000S transmission parameters

**553-3001-183 Dialing Plans: Description**

**Audience:** System administrator

**Purpose:** Describes the operation, implementation, administration and maintenance of the Coordinated Dialing Plan, Flexible Numbering Plan and Feature Group D.

**Topics**

- Coordinated Dialing Plan description
- Flexible Numbering Plan description, operation and administration
- Feature Group D description, operation, implementation, maintenance and diagnostics

## 553-3001-184 Multifrequency Compelled Signaling: Description, Hardware, and Engineering

**Audience:** System administrator

**Purpose:** Descriptions, hardware information and engineering guidelines for signaling protocols, based on Multifrequency Compelled Signaling (MFC).

### Topics

- R2MFC signaling and basic features
- Calling Number Display restriction
- China Number 1 signaling and signaling enhancements
- CIS multifrequency shuttle
- India Phase 2
- MFC Interworking with AML-based Applications
- Process Notification for Networked Calls
- R2 Multifrequency Compelled Signaling 1.5 Mbit/s Digital Trunk Interface, enhancements, signaling DID/DTMF DOD, selective route to attendant, and signaling to DPNSS1 Gateway
- Self-compelled MFC and calling number identification changes
- Taiwan R1 Modified signaling
- Multifrequency signaling for Socotel
- Hardware description
- Engineering information

## 553-3001-201 ISDN Primary Rate Interface: Installation and Configuration

**Audience:** System administrator, installer

**Purpose:** Describes the basic hardware and the associated installation procedures needed to equip ISDN Primary Rate Interface (PRI).

### Topics

- ISDN Primary Rate Interface equipment overview
- DCH installation
- NTB51 DDCH installation and removal
- MSDL installation for all systems
- NT8D72 and QPC720 PRI card installation
- NT5D97 Dial-port DT12/PRI2 installation and removal
- NT5D12 Dual-port DTI/PRI card installation
- Clock Controller description and installation
- ISL installation
- Echo canceller installation
- 1.5 Mb PRI, DTI and ISL implementation
- 2.0 Mb DTI, PRI and ISL implementation
- Non-standard cables

## 553-2661-110 Defense Switch Network Reference

**Audience:** System administrator

**Purpose:** Describes the Defense Switch Network (DSN).

### Topics

- Features
- Packaging, administration, and maintenance
- DSN trunk operation and specifications
- Attendant console and phone operation

## 553-3001-206 Planning a Network-wide Upgrade

**Audience:** System administrator

**Purpose:** provides the necessary information for a network administrator to plan a total network upgrade).

### Topics

- Planning a network-wide upgrade
- Node upgrade procedures

## 553-3001-207 Main Office Configuration for SRG 505

**Audience:** System administrator

**Purpose:** Describes the configuration required at the main office to support the Survivable Remote Gateway (SRG).

### Topics

- Overview
- Setting up the main office
- Bandwidth Management
- Dialing Plan configuration
- Emergency Services configuration
- Media redirection scenarios

## 553-3001-211 Circuit Card: Description and Installation

**Audience:** System administrator

**Purpose:** Outlines the functions, specifications, applications and operations of the various circuit cards.

### Topics

- Circuit card overview and installation
- Acceptance tests
- Option settings
- Introduction, description, configuration and applications for the following cards, paddle boards and daughterboards:

NT1R20 Off-Premise Station Analog Line, NT5D11 and NT5D14 Lineside T1 Interface, NT5D33 and NT5D34 Lineside E1 Interface, NT5D60/80 CLASS Modem (XCMC), NT5D97 Dual-port DTI2/PRI2, NT5K02 Flexible Analog Line, NT5K21 XMFC/MFE, NT6D70 SILC Line, NT6D71 UILC Line, NT6D80 MSDL, NT7D16 Data Access, NT8D02 and NTDK16 Digital Line, NT8D03 Analog Line, NT8D09 Analog Message Waiting Line, NT8D14 Universal Trunk, NT8D15 E&M Trunk, NT8D41AA Serial Data Interface, NT8D41BA Quad Serial Data Interface, NTAG26 XMFR, NTAK02 SDI/DCH, NTAK09 1.5 Mb DTI/PRI, NTAK10 2.0 Mb DTI, NTAK20 Clock Controller, NTAK79 2.0 Mb PRI, NTAK93 D-channel Handler Interface, NTBK22 MISP, NTBK50 2.0 Mb PRI, NTBK51 Downloadable D-channel Handler, NTCK16 Generic Central Office Trunk, NTDK20 Small System Controller, NTRB21 DTI/PRI/DCH TMD, NTVQ01xx Media, NTVQ55AA ITG Pentium, QPC513 Enhanced Serial Data Interface, QPC841 Quad Serial Data Interface, TDS/DTR

- LAPB Data Link Control protocol

## 553-3001-212 Signaling Server: Installation and Configuration

**Audience:** System administrator, installer

**Purpose:** Describes the Signaling Server and provides information necessary to install and configure it.

### Topics

- Overview
- Planning and engineering
- Hardware installation
- Software installation and configuration
- Element Manager configuration
- IP Telephony node configuration
- Command Line Interface (CLI) commands
- Maintenance
- Upgrading memory

## 553-3001-213 IP Peer Networking: Installation and Configuration

**Audience:** System administrators

**Purpose:** Describes the IP Peer Networking features, as well as how to implement IP Peer Networking.

### Topics

- Overview
- SIP signaling
- H.323 signaling
- H.323-to-SIP signaling
- Fallback to PSTN
- Bandwidth Management
- Features
- Network Routing Service (NRS) overview and functionality
- Numbering plans
- Configuring IP Peer Networking
- Managing the Network Routing Service
- Overlap signaling
- SIP Phone support

continued ...

**553-3001-213 IP Peer Networking: Installation and Configuration  
(continued ...)**

- IP Peer internetworking
- Maintenance
- ISNDN/H.323 mapping tables
- H.323 gatekeeper overlap signaling support
- ISDN cause code to SIP status code mapping tables
- Dialing and numbering plan configuration for mixed networks
- SIP Converged Desktop Services

**553-3001-214 Branch Office: Installation and Configuration**

**Audience:** System administrator, installer

**Purpose:** Describes the Branch Office feature and contains information on planning, installation, configuration and maintenance.

**Topics**

- Overview
- Bandwidth Management
- Alternative Call Routing for Network Bandwidth Management
- How the Branch Office feature works
- Planning and management
- Adding a branch office
- Converting a Small System to a branch office
- Upgrading to CS 1000 Release 4.5
- Main office configuration
- MG 1000B platform hardware
- MG 1000B software installation
- Branch office configuration
- MG 1000B telephones
- Dialing plan configuration

continued ...

**553-3001-214 Branch Office: Installation and Configuration  
(continued ...)**

- Emergency Services configuration
- Abbreviated Dialing configuration
- Maintenance and diagnostics
- Preprogrammed data
- Branch office engineering example
- On-net dialing plan configuration example
- Off-net dialing plan configuration example

**553-3001-218 ISDN Basic Rate Interface: Installation and Configuration**

**Audience:** System administrator, installer

**Purpose:** Describes ISDN Basic Rate Interface (BRI) hardware installation and acceptance testing.

**Topics**

- Preparing for installation
- Installing and configuring ISDN BRI hardware
- Preparing the system
- Testing ISDN BRI functions
- Generating traffic reports

**553-3001-230 Optivity Telephony Manager: Installation and Configuration**

**Audience:** System administrator, installer

**Purpose:** Describes the installation and configuration of Optivity Telephony Manager (OTM).

continued ...

**Topics**

- Preparing for installation
- Installing OTM server software
- Installing OTM client software
- Performing upgrades
- Performing migrations
- OTM Web Help



**553-3001-230 Optivity Telephony Manager: Installation and Configuration (continued ...)**

- Microsoft IIS Lockdown wizard
- Configuring Secure Socket Layer (SSL)
- License management
- Before configuring OTM
- Configuring a modem for OTM applications
- Initial login
- Security Management
- Adding OTM web users
- Setting up the LDAP server
- Terminal server
- Configuring the web browser client
- Integrating OTM with NMS
- Integrating OTM with HP OpenView
- Uninstalling OTM
- Windows 2000 server reference
- OTM engineering guidelines
- Installation checklist

**553-3001-300 System Management**

**Audience:** System administrator

**Purpose:** Describes the overall management solution.

**Topics**

- Description
- User interfaces
- Communicating with the system
- Software management
- System management applications
- Administration
- Establish a PPP connection

## 553-3001-302 System Security Management

**Audience:** System administrator, installer

**Purpose:** Describes how to plan, implement, audit and upgrade security features.

### Topics

- Introduction
- Controlling call privileges
- Controlling OA&M access
- New system security planning
- Existing system security upgrade
- System security features verification
- System security analysis
- Access Restriction features
- Trunk Group Access Restrictions worksheet

## 553-3001-303 Set-Based Administration

**Audience:** System administrator, installer

**Purpose:** Describes how to configure and use the Set-Based Administration (SBA) feature.

### Topics

- Overview
- Configuring a system for Set-Based Administration
- Using Set-Based Administration
- Performing Set-Based Administration
- Changing service options
- Print routines
- CPND character set
- Menu hierarchy diagram

## 553-3001-304 Nortel Networks WLAN IP Telephony: Installation and Configuration

**Audience:** Installer,  
system administrator

**Purpose:** Planning,  
installation, configuration,  
maintenance and  
troubleshooting for the  
Nortel WLAN system.

### Topics

- Planning
- System information
- Installation
- WLAN IP Telephony Manager 2245 configuration
- WLAN Handset 2210/2211/2212 configuration
- WLAN Handset Configuration Cradle
- Administration and maintenance
- Troubleshooting
- WLAN Application Gateway 2246 installation and configuration

## 553-3001-306 Features and Services: Books 1 to 3

553-3001-306 Features and Services: Book 1 of 3 (A to C)

553-3001-306 Features and Services: Book 2 of 3 (D to M)

553-3001-306 Features and Services: Book 3 of 3 (N to Z)

**Audience:** System  
administrator

**Purpose:** Describes the  
software features available  
with CS 1000 and  
Meridian 1 systems.

### Topics

- Features and software options

## 553-3001-307 Communication Server 1000: System Redundancy

**Audience:** System administrator, installer

**Purpose:** Describes planning, installation and configuration for system redundancy for CS 1000E and CS 1000M systems.

### Topics

- Overview
- Geographic Redundancy 1+1 configuration
- Geographic Redundancy Controlled Load-sharing configuration
- Geographic Redundancy N+1 configuration
- Campus redundancy
- Configuring the BayStack 470-24T for Campus Redundancy
- Controlled Load-sharing zones

## 553-3001-311 Software Input/Output: Administration

**Audience:** System administrator

**Purpose:** Describes the system configuration command line interface.

### Topics

- Communicating with the system
- Alphabetical list of packages
- Numerical list of packages
- Overlay loader and Multi-User Login
- Overlay prompts and responses

## 553-3001-313 Emergency Services Access: Description and Administration

**Audience:** System administrator

**Purpose:** Describes the Emergency Services Access feature.

### Topics

- Emergency Services Access applications, features, configuration and engineering
- Emergency Services for Virtual Office
- Emergency Services Access for Europe, the Middle East and Africa
- Emergency Services Access configuration audit

## 553-3001-320 Attendant PC: Description, Installation, and Operation

**Audience:** System administrator, installer

**Purpose:** Describes the Attendant PC software features, installation and configuration, use, administration and installation of the Attendant PC LAN Interface.

### Topics

- Overview
- Working with the Tools menu
- Working with the Config menu
- Attendant PC call processing
- Attendant PC features
- Attendant PC network features
- Using the Attendant PC Help Facility
- Installing the Attendant PC software
- Using Attendant PC
- Using the Help facility
- Installing the LAN Interface software

## 553-3001-330 Optivity Telephony Manager: System Administration

**Audience:** System administrator, installers

**Purpose:** Describes the management of systems using the Optivity Telephony Manager (OTM).

### Topics

- Introduction
- Installing OTM software
- About OTM
- Using Windows Navigator
- Common services
- Utilities
- Station Administration
- Alarm management
- Maintenance applications
- Inventory Reporting
- Traffic Analysis
- ESN Analysis and Reporting Tool
- Using Web Navigator
- Web Stations
- Web Administration
- Web Desktop Services
- Script file summary
- Control files included with alarm notification
- Comparison of OTM Windows and OTM web interfaces

## 553-3001-331 Optivity Telephony Manager: Telemanagement Applications

**Audience:** System administrator

**Purpose:** Describes the telecommunications network management services of the Optivity Telephony Manager (OTM).

### Topics

- Overview of telemanagement applications
- Telecom Billing System
- Consolidated Call Cost Reports (CCCR)
- TBS Web Reporting
- Call Tracking
- General Cost Allocation System (GCAS)
- Consolidated Reporting System (CRS)
- Scripts
- Sample reports

## 553-3001-332 Element Manager: System Administration

**Audience:** System administrator

**Purpose:** Describes the Element Manager interface and related functionality.

### Topics

- Introduction
- How to use Element Manager
- Links
- System maintenance
- IP Telephony
- Customers, Routes and Trunks
- Dialing and Numbering Plans
- Services
- Security
- Certificate management
- Support

553-3001-350 Call Detail Recording: Description and Formats

<b>Audience:</b> System administrator	<b>Topics</b> <ul style="list-style-type: none"> <li>• CDR overview</li> <li>• CDR features</li> <li>• Administration</li> <li>• CDR fields</li> <li>• Call record output</li> </ul>
<b>Purpose:</b> describe the Call Detail Recording (CDR) features, options and output.	

553-3001-351 Automatic Call Distribution: Description

<b>Audience:</b> System administrator	<b>Topics</b> <ul style="list-style-type: none"> <li>• ACD description</li> <li>• ACD agent and supervisor features</li> <li>• ACD load management system and commands</li> <li>• ACD management reporting</li> <li>• ACD system features</li> <li>• ACD testing basic and advanced features</li> <li>• Network ACD description</li> <li>• Network ACD engineering and operations</li> </ul>
<b>Purpose:</b> Describes Automatic Call Distribution (ACD), the ACD Load Management System, and Network Automatic Call Distribution (NACD).	



## 553-3001-352 Office Data Administration System: Description and Engineering

**Audience:** System administrator

**Purpose:** Describes the features, programs and engineering requirements of Office Data Administration System (ODAS).

### Topics

- Description
- ODAS programs
- Engineering

## 553-3001-353 Hospitality Features: Description and Operation

**Audience:** System Administrator, Hospitality and health care personnel

**Purpose:** Hospitality servers telephone features for facilities such as hotels, motels, or hospitals.

### Topics

- Background Terminal options, commands, setup, configuration and maintenance
- Automatic Wake Up, Room Status, Message Registration, Maid Identification, Flexible Direct Inward Dialing features
- Message Center incoming calls and requirements
- Property Management System Interface

## 553-3001-357 Mini-Carrier Remote: Service Implementation Guide

**Audience:** System administrator, installer

**Purpose:** Installation, configuration and maintenance of the Mini-Carrier Remote (MCR).

**Topics**

- Description
- Installation and configuration
- Maintenance

## 553-3001-359 Hospitality Integrated Voice Services: Service Implementation Guide

**Audience:** System administrator, installer

**Purpose:** Describes installation, configuration, administration and maintenance of the Nortel Hospitality Integrated Voice Services card.

**Topics**

- Description
- Engineering guidelines
- Installation and configuration
- Operation
- Administration using the CLI
- Maintenance
- Hospitality Integrated Voice Services product integrity

## 553-3001-360 Integrated Recorded Announcer: Service Implementation Guide

**Audience:** System administrator, installer

**Purpose:** Describes Integrated Recorded Announcer operation and applications as well as how to install, configure, administer and maintain Integrated Recorded Announcer.

### Topics

- Description
- Installation and configuration
- Engineering guidelines
- Integrated Recorded Announcer Browser User Interface
- Integrated Recorded Announcer Text-based User Interface
- Integrated Recorded Announcer Telephone User Interface
- Maintenance
- Sound recording, codes and interfaces
- Environmental and electrical regulatory data
- NT8D37 cable connections

## 553-3001-361 NICD Service Implementation Guide

**Audience:** System administrator, installer

**Purpose:** Describes the installation, configuration and maintenance of the Nortel Integrated Call Director (NICD).

### Topics

- Product description
- ICD services and features
- Installing and configuring the ICD card
- Configuration procedures on the ICD card
- Maintenance
- Upgrading ICD
- Security
- Maintenance terminal cable pin assignments

continued ...

### 553-3001-361 NICD Service Implementation Guide (continued ...)

- Product integrity
- Voice prompts
- Administrator BUI input
- Administrator BUI new user defaults

## 553-3001-362 Integrated Call Assistant: Service Implementation Guide

**Audience:** System administrator, Installer

**Purpose:** Describes how to engineer, install, configure, administer and maintain the NT5G01 and NT5G03 Nortel Integrated Call Assistant (ICA).

### Topics

- ICA description
- ICA engineering
- Defining an ICA service number
- Installing ICA card, adapter and cables
- Configuring ICA initial settings
- Configuring ICA (ACD and non-ACD)
- Configuring an ICA service
- Creating and importing a name dialing database
- Configuring the Telephone User Interface
- ICA administration
- ICA fault isolation and card replacement

## 553-3001-363 IP Trunk: Description, Installation, and Operation

**Audience:** System administrator, installer

**Purpose:** Describes how to engineer, install, configure, administer and maintain an IP Trunk 3.01 system.

### Topics

- Overview of IP Trunk 3.01
- System description
- ITG engineering guidelines
- OTM 2.1 (and later) management and configuration of IP Trunk 3.01 (and later)
- Install and configure IP Trunk 3.03 (and later) node
- Provisioning IP Trunk 3.01 (and later) in OTM 2.1 (and later)
- OTM 2.1 (and later) OA&M using OTM 2.1 (and later) applications
- OA&M using the ITG shell CLI and overlays
- Maintenance
- Patches and advisements
- Cable description and NT8D81BA cable replacement
- Environmental and electrical regulatory data
- Subnet mask conversion from CIDR to dotted decimal format
- CLI commands
- Configure a Netgear RM356 modem router for remote access
- Upgrade an ITG Trunk 1.0 node to support ISDN signaling trunks

## 553-3001-365 IP Line: Description, Installation, and Operation

**Audience:** System administrator, installer

**Purpose:** Describes the characteristics, engineering, installation, configuration, administration and maintenance of IP Line and IP Telephony nodes.

### Topics

- Description
- Features
- Personal Directory, Callers List and Redial List
- Codecs
- Installation and configuration summary
- Installation and initial configuration of an IP Telephony node
- Configuration of IP Telephony nodes using OTM 2.2
- Configuration of IP Telephony nodes using Element Manager
- IP Line administration
- IP Line administration using OTM 2.2
- IP Line administration using Element Manager
- Voice Gateway Media Card maintenance
- Voice Gateway Media Card maintenance using OTM 2.2
- Voice Gateway Media Card maintenance using Element Manager
- Convert IP Trunk cards to Voice Gateway Media Cards
- NAT router requirements for NAT Traversal feature
- I/O, maintenance and extender cable description
- RM356 Modem Router
- Product integrity

continued ...

**553-3001-365 IP Line: Description, Installation, and Operation  
(continued ...)**

- Subnet Mask conversion from CIDR to Dotted Decimal Format
- Download IP Line files from Nortel web site

**553-3001-367 Telephones and Consoles: Description, Installation, and Operation**

**Audience:** System administrator, installer

**Purpose:** Provides descriptions, features, specifications, installation, configuration, operation, administration, wiring and power requirements, environmental and safety considerations, add-on modules, data options and software for Meridian analog, digital and modular telephones and attendant consoles.

**Topics**

- Attendant consoles
- M2016S Secure Set
- M3900 description
- M3900 installation and configuration
- M3900 Flash download
- Digital telephones line engineering
- Analog (500/2500-type) telephones
- Meridian Modular Telephones description and installation
- Meridian Modular Telephones add-on modules installation
- M2317 telephone
- M3110, M3310 and M3820 telephones

## 553-3001-368 IP Phones: Description, Installation, and Operation

**Audience:** System administrator, installer

**Purpose:** Describes the installation and administration of the various IP Phones.

### Topics

- IP Phone 2001
- IP Phone 2002
- IP Phone 2004
- IP Phone 2007
- IP Phone Key Expansion Module (KEM)
- IP Phone 2033
- IP Softphone 2050
- Mobile Voice Client 2050
- WLAN Handset 2210, WLAN Handset 2211 and WLAN Handset 2212
- SIP Phone
- Features overview
- 802.1Q description
- Specifications
- IP Phone diagnostic utilities

## 553-3001-369 ISDN Primary Rate Interface: Features

**Audience:** System administrator, installer

**Purpose:** Describes Integrated Services Digital Network (ISDN) and its features.

### Topics

- ISDN product overview
- Connection parameters
- System correlation tables
- Data administration
- ISDN features
- Engineering and configuration guidelines
- Service verification



## 553-3001-370 DECT: Description, Planning, Installation, and Operation

**Audience:** System administrator, installer

**Purpose:** Describes the planning, installation and operation of the Integrated Digital Enhanced Cordless Telecommunications (DECT) system.

### Topics

- Product description
- Engineering guidelines
- Site planning
- Installation and configuration
- System administration
- System maintenance
- Connection a DECT system to OTM DECT using remote modems and Windows 2000
- Adding a DMC8 to a non-SNMP DECT system
- DMC8 debug port
- Performance Collection file samples

## 553-3001-371 DASS2

**Audience:** System administrator, installer

**Purpose:** Describes the DASS2 components, functionality, installation, administration and maintenance.

### Topics

- Overview
- Hardware requirements
- Basic configuration
- DASS2 features
- DCHI installation and removal
- PRI installation and removal
- Clock Controller installation and removal
- Integrated Digital Access (IDA) equipment
- IDA status check and start-up

## 553-3001-372 DPNSS1

**Audience:** System administrator, installer

**Purpose:** Describes the DPNSS1 functionality, requirements, installation, administration and maintenance.

### Topics

- Overview
- Basic configuration
- DPNSS1 features
- DPNSS installation and link configuration
- Clock Controller installation and removal
- DCHI installation and removal
- Integrated Digital Access (IDA) equipment overview
- IDA status check and start-up
- PRI installation and removal

## 553-3001-379 Basic Network Features

**Audience:** System administrator

**Purpose:** Describes networking features, implementation and packages.

### Topics

- Basic/Network Alternate Route Selection
- Network queuing
- Basic and Network Authorization Codes
- Flexible Numbering Plan (FNP)
- Network Speed Call
- Network Call Transfer (NXFER)
- Network Signaling (NSIG)
- Network Traffic measurements

## 553-3001-380 ISDN Basic Rate Interface: Features

**Audience:** System administrator, installer

**Purpose:** Describes the features, concepts, functional and physical characteristics, and engineering guidelines for Integrated Services Digital Network Basic Rate Interface (ISDN BRI).

### Topics

- Functional description
- Engineering guidelines
- ISDN BRI implementation
- Sample configurations
- Setting up ISDN BRI traffic reports
- ISDN BRI features

## 553-3001-411 Software Input/Output: System Messages

**Audience:** System administrator, installer

**Purpose:** Provides information on interpreting and responding to an error message.

### Topics

- System messages by feature
- Critical messages to monitor
- Hexadecimal codes and conversion

## 553-3001-450 Traffic Measurement: Formats and Output

**Audience:** System administrator

**Purpose:** Describes how traffic data is accumulated, processed, output and interpreted.

### Topics

- Traffic overview
- System traffic reports
- Customer traffic reports
- Customer network traffic reports
- Traffic CLI
- National ISDN-2 Call By Call Service Selection

## 553-3001-511 Software Input/Output: Maintenance

**Audience:** System administrator

**Purpose:** Describes the system commands to view and print status, perform background tests, and disable, enable and test system hardware.

### Topics

- Communicating with the system
- Alphabetical list of packages
- Overlay loader and Multi-User Login
- Overlay commands

## 553-3001-517 ISDN Primary Rate Interface: Maintenance

**Audience:** System administrator

**Purpose:** Provides maintenance procedures for ISDN Primary Rate Interface (PRI) capability.

### Topics

- PRI fault clearing
- Quick reference to PRI operations
- Primary Rate Interface maintenance
- D-channel maintenance
- Clock controller maintenance
- ISDN Signaling Link maintenance
- 1.5 Mb DTI/PRI maintenance
- 1.5 Mb ISL maintenance
- 2.0 Mb DTI maintenance
- 2.0 Mb PRI maintenance
- 2.0 Mb ISL maintenance

## 553-3001-518 ISDN Basic Rate Interface: Maintenance

**Audience:** System administrator

**Purpose:** Describes ISDN Basic Rate Interface (BRI) maintenance tools and procedures to assist in identifying faults, locating defective units, correcting problems by fixing or replacing defective units, and verifying operation after the corrections or replacements have been made.

### Topics

- Isolate and correct faults
- Replace ISDN BRI cards
- Test and troubleshoot ISDN BRI terminals

## 553-3001-519 Simple Network Management Protocol: Description and Maintenance

**Audience:** System administrator

**Purpose:** Describes how Simple Network Management Protocol (SNMP) is configured and how it operates.

### Topics

- SNMP system capabilities
- Configuring SNMP
- Traps
- MIBs
- Administration
- Configuring SNMP alarms in HP OpenView NNM

## 553-3011-010 Communication Server 1000M and Meridian 1: Small System Overview

**Audience:** System administrator, installer

**Purpose:** Provides an overview of the general design and features of the small system.

### Topics

- Description and features
- Fiber-optic and IP expansion (only in 553-3011-010)

## 553-3011-120 Communication Server 1000M and Meridian 1: Small System Planning and Engineering

**Audience:** System administrator

**Purpose:** Describes the activities surrounding the planning and engineering of the small system.

### Topics

- Overview of the engineering process
- Regulatory information
- System and site requirements
- Power supplier
- Developing an equipment layout plan for Cabinet systems
- Developing an equipment layout plan for Chassis systems
- System controller cards and software daughterboards
- System expansion
- Small System distribution over a data network
- Circuit cards
- SDI network interfaces
- Card slot and loop assignments
- Design parameters
- System capacities

continued ...

**553-3011-120 Communication Server 1000M and Meridian 1: Small System Planning and Engineering (continued ...)**

- Resource calculations
- Application engineering
- Provisioning
- Worksheets
- Protected memory requirements
- Preprogrammed data
- Reference tables

**553-3011-210 Communication Server 1000M and Meridian 1: Small System Installation and Configuration****Audience:** Installer**Purpose:** Provides installation and configuration instructions for the small system.**Topics**

- Cabinet system equipment
- Chassis system equipment
- Important safety instructions
- Bracing against earthquakes
- Preparing for installation
- Installing the Cabinet system
- Installing the Chassis system
- Mounting the cabinets
- Mounting the chassis
- Connecting the chassis expander to the chassis
- Installing the system ground
- Installing the power supplies for the Cabinet system
- Installing and connecting reserve power supplies for the Cabinet system
- Installing Small System Controller cards on stand-alone systems

continued ...

553-3011-210 Communication Server 1000M and Meridian 1: Small System Installation and Configuration (continued ...)

- Installing fiber expansion
- Installing IP expansion
- Installing optional circuit cards
- Installing and connecting cross-connect terminals
- Installing Power Failure Transfer Units
- Installing and connecting SDI and Ethernet network interfaces
- Starting the Chassis system
- IP Line card configuration
- Installing software
- Survivability
- Connecting the telephones
- Connecting the trunks
- Connecting an external alarm
- Preprogrammed data
- Changing preprogrammed data
- Central Answering Position
- Communication protocol specifications

553-3011-258 Communication Server 1000M and Meridian 1: Small System Upgrade Procedures

**Audience:** Installers

**Purpose:** Provides information for upgrading the small system.

continued ...

**Topics**

- Start here to perform upgrades and expansions
- Upgrading a two-cabinet system with metal cable



**553-3011-258 Communication Server 1000M and Meridian 1: Small System Upgrade Procedures (continued ...)**

- Upgrading a single-cabinet system to Meridian 1 PBX 11C Cabinet
- Upgrading an Option 11E with fiber-optic cable
- Upgrading cabinet hardware
- Upgrading system controller cards
- Fiber-optic and IP expansion overview
- Expanding a Chassis system using fiber-optic or IP connectivity
- Expanding a Cabinet system to Support IP connectivity
- Expanding a Chassis system using IP connectivity
- Assigning TDS/DTR, XTD and SDI functions
- Option 11/11E upgrade from Software Daughterboard or PC Card
- Upgrading or installing software
- Overview of Upgrading to CS 1000 Release 4.5
- Succession 3.– H.323 Gatekeeper database migration
- CS 1000 Release 4.5 upgrade procedures
- Converting a Small System to a branch office
- Upgrading feature set and License parameters
- Software utilities
- Technical Assistance service

## 553-3011-500 Communication Server 1000M and Meridian 1: Small System Maintenance

**Audience:** System administrator

**Purpose:** Provides information for maintaining the small system.

### Topics

- Managing databases
- Customer Configuration Backup and Restore
- Maintenance precautions
- Communicating with the system
- Hardware maintenance tools
- Software maintenance tools
- How to clear faults
- Clearing power faults
- Clearing Common Equipment faults
- Clearing network faults
- Clearing Intelligent Peripheral Equipment faults
- Clearing CCBR faults
- Clearing trunk faults
- Clearing attendant console faults
- Clearing telephone faults
- Replacing equipment
- Simple Network Management Protocol
- Proactive Voice-quality Management
- pbxLink connection failure detection and status reporting enhancement
- Final maintenance procedure
- Technical Assistance service

## 553-3021-010 Communication Server 1000M and Meridian 1: Large System Overview

**Audience:** System administrator, installer

**Purpose:** Provides an overview of the general design and features of the large system.

### Topics

- Description and features
- System architecture

## 553-3021-120 Communication Server 1000M and Meridian 1: Large System Planning and Engineering

**Audience:** System administrator

**Purpose:** Describes the activities surrounding the planning and engineering of the large system.

### Topics

- Overview
- Regulatory information
- System equipment
- Module configuration
- Power and grounding
- Selecting proper wire size
- Preparing a system installation plan
- Design parameters
- System capacities
- Resource calculations
- Application engineering
- Provisioning
- Worksheets
- Protected memory requirements
- Reference tables

# 553-3021-210 Communication Server 1000M and Meridian 1: Large System Installation and Configuration

**Audience:** Installer

**Purpose:** Provides installation and configuration instructions for the large system.

**Topics**

- Introduction
- Preparing for installation
- Placing the fourth module on a column
- Positioning and leveling equipment
- Installing AC power
- Installing overhead cable tray kits
- Installing DC power
- Planning and designating a Main Distribution Frame
- Installing Power Failure Transfer Units
- Configuring the system monitor
- Connecting a system terminal or model
- Cabling Common Equipment in a Single Group system
- Cabling Common Equipment in a Multi Group system
- Cabling network modules and loops
- Cabling lines and trunks
- Powering up the system and initial loading
- Performing acceptance tests
- Installing earthquake bracing
- Adding a module to a column

## 553-3021-258 Communication Server 1000M and Meridian 1: Large System Upgrade Procedures Books 1 to 3

553-3021-258B1 Communication Server 1000M and Meridian 1: Large System Upgrade Procedures Book 1 of 3

553-3021-258B2 Communication Server 1000M and Meridian 1: Large System Upgrade Procedures Book 2 of 3

553-3021-258B3 Communication Server 1000M and Meridian 1: Large System Upgrade Procedures Book 3 of 3

<b>Audience:</b> Installers	<b>Topics</b>	<b>Book</b>
<b>Purpose:</b> Provides information for upgrading the large system.	• General hardware upgrade information	1
	• General software conversion information	1
	• Overview of upgrading to Meridian 1 Internet-enabled systems	1
	• Meridian 1 Internet-enabled systems upgrade procedures	1
	• M.323 Gatekeeper database migration	1
	• Upgrading from Meridian 1 Option 61	1
	• Upgrading from Meridian 1 Option 51	1
	• Upgrading from Meridian 1 Option 51C	1
	• Upgrading from Meridian 1 Option 61C	1
	• Upgrading from Meridian 1 Option 71	2
	• Upgrading from Meridian 1 Option 81	2

continued ...

**553-3021-258 Communication Server 1000M and Meridian 1: Large System Upgrade Procedures Books 1 to 3 (continued ...)**

• Upgrading from Meridian 1 Option 81C	2
• Using the Keycode Retrieval Utility	3
• Replace NT4N46 CP PII Core/Net with NT4N40	3
• Adding a Network Group (NT4N40)	3
• Adding a Network Group (NT4N46)	3
• Adding an NT8D35 Network Group to Option 81 (NT5D60)	3
• Adding a Network Group to Option 81C CP3, CP4 (NT5D21)	3
• Installing IODU/C cards, CP cards, CP memory	3
• Using the Distributor Keycode Application	3
• Terminal and modem connections	3
• Troubleshooting the upgrade	3
• Upgrade checklists	all
• Technical Assistance service	all

## 553-3021-354 Fiber Remote IPE: Description, Installation, and Maintenance

**Audience:** System administrator, installer

**Purpose:** Describes the operation, installation and maintenance of the Fiber Remote Intelligent Peripheral Equipment (IPE) service.

### Topics

- Product description
- Equipment installation and configuration
- Acceptance testing
- Maintenance
- System messages and MMI commands description

## 553-3021-355 Carrier Remote IPE: Description, Installation, and Maintenance

**Audience:** System administrator, installer

**Purpose:** Describes the operation, installation and maintenance of the Carrier Remote Intelligent Peripheral Equipment (IPE) feature.

### Topics

- Carrier Remote IPE production description
- Equipment installation and configuration
- Carrier Remote IPE acceptance testing
- Carrier Remote IPR maintenance
- System messages
- Regulatory approvals
- Connection diagrams and external connectors pin assignment

553-3021-356 Fiber Remote Multi-IPE Interface: Description, Installation, and Maintenance

<b>Audience:</b> System administrator, installer	<b>Topics</b> <ul style="list-style-type: none"> <li>• Product description</li> <li>• Installation and configuration</li> <li>• Remote IPE acceptance testing</li> <li>• Remote IPE maintenance</li> <li>• Peripheral Controller HEX codes and cable connection diagrams</li> </ul>
<b>Purpose:</b> Describes the operation, installation and maintenance of the Fiber Remote Multi-IPE Interface.	

553-3021-500 Communication Server 1000M and Meridian 1: Large System Maintenance

<b>Audience:</b> System administrator	<b>Topics</b> <ul style="list-style-type: none"> <li>• Communicating with the system</li> <li>• How to clear faults</li> <li>• Clearing power faults</li> <li>• Clearing common equipment faults</li> <li>• Clearing network equipment faults</li> <li>• Clearing peripheral equipment faults</li> <li>• Clearing trunk faults</li> <li>• Clearing attendant console faults</li> <li>• Clearing telephone faults</li> <li>• Simple Network Management Protocol</li> <li>• Proactive Voice-quality Management</li> <li>• pbxLink connection failure detection and status reporting enhancement</li> <li>• Final maintenance procedure</li> <li>• Software maintenance tools</li> <li>• Hardware replacement guidelines</li> </ul>
<b>Purpose:</b> Provides information for maintaining the large system.	

continued ...



**553-3021-500 Communication Server 1000M and Meridian 1: Large System Maintenance (continued ...)**

- Hardware maintenance tools
- Routine maintenance
- Replacing equipment
- Technical Assistance service

**553-3031-010 Communication Server 1000S: Overview**

**Audience:** System administrator, installer

**Purpose:** Provides an overview of the general design and features of the system.

**Topics**

- Description and features
- System architecture
- Configuration options

**553-3031-120 Communication Server 1000S: Planning and Engineering**

**Audience:** System administrator

**Purpose:** Describes the activities surrounding the planning and engineering of the system.

**Topics**

- Overview of the engineering process
- Regulatory information
- System components
- Planning reliability strategies
- Data network planning for VoIP
- Telephony planning
- Site requirements
- System controller cards and daughterboards
- Card slot and loop assignments
- Design parameters

continued ...

553-3031-120 Communication Server 1000S: Planning and Engineering (continued ...)

- System capacities
- Resource calculations
- Application engineering
- Protected memory requirements
- Reference tables

553-3031-210 Communication Server 1000S: Installation and Configuration

**Audience:** Installer

**Purpose:** Provides installation and configuration instructions for the system.

**Topics**

- Safety instructions
- Installation procedure summary
- Preparing for installation
- System components
- Rack-mounted CS 1000S components
- Grounding the system
- Small System Controller
- System connections
- System terminal setup and connections
- Installing software on the Call Server
- Configuring the Call Server and MG 1000S network
- Installing software on the MC 1000S
- Verifying the Call Server and MG 1000S network
- Configuring basic telephony features
- Installing software on the Signaling Server
- Configuring IP Telephony nodes

continued ...

**553-3031-210 Communication Server 1000S: Installation and Configuration (continued ...)**

- Installing and configuring IP Phones
- Installing and configuring Voice Gateway Media Cards
- Main Distribution Frame layout and connection
- Installing and connecting analog (500/2500-type) and digital telephones
- Installing and connecting trunks
- Installing and connecting Power Failure Transfer Units
- Installing and connecting external alarms
- Configuring Survivability and the Alternate Call Server
- Preprogrammed data
- Quick Configure

**553-3031-258 Communication Server 1000S: Upgrade Procedures****Audience:** Installers**Purpose:** Provides information for upgrading the system.**Topics**

- Overview
- First steps
- Upgrading the Signaling Server
- Upgrading Voice Gateway Media Card and IP Phone loadware and firmware
- Upgrade software on the Call Server and MG 1000S
- Succession 3.0 H.323 Gatekeeper database migration
- System upgrade utilities

continued ...

**553-3031-258 Communication Server 1000S: Upgrade Procedures  
(continued ...)**

- Centralized Software Upgrade
- Obtain software
- Product compatibility for CS 1000 Release 4.5 software
- Technical Assistance service

**553-3031-500 Communication Server 1000S: Maintenance**

**Audience:** System administrator

**Purpose:** Provides information for maintaining the system.

**Topics**

- Precautions
- Communicating with the system
- Hardware maintenance tools
- Software maintenance tools
- Clearing faults
- Replacing equipment
- Element Manager maintenance
- Media Card maintenance
- Simple Network Management Protocol
- Proactive Voice-quality Management
- pbxLink connection failure detection and status reporting enhancement
- Technical Assistance service

**553-3041-010 Communication Server 1000E: Overview**

**Audience:** System administrator, installer

**Purpose:** Provides an overview of the general design and features of the system.

**Topics**

- Description and features
- System architecture
- Configuration options

## 553-3041-120 Communication Server 1000E: Planning and Engineering

**Audience:** System administrator

**Purpose:** Describes the activities surrounding the planning and engineering of the system.

### Topics

- Overview of the engineering process
- Regulatory information
- System architecture
- Configuration options
- Preparing a system installation plan
- Power and grounding
- Design parameters
- System capacities
- Resource calculations
- Application engineering
- Assigning loops and card slots in the CS 1000E
- Provisioning
- Protected memory requirements
- Numbering Plan recommendation
- Reference tables

## 553-3041-210 Communication Server 1000E: Installation and Configuration

**Audience:** Installer

**Purpose:** Provides installation and configuration instructions for the various systems.

### Topics

- Safety instructions
- Installation summary
- System components
- Telephones
- Rack-mounting the components

continued ...

**553-3041-210 Communication Server 1000E: Installation and Configuration (continued ...)**

- Installing system grounds
- Connecting CS 1000E system components
- Installing software on the CS 1000E
- Connecting MG 1000T system components
- Installing software on a Signaling Server
- Configuring the CS 1000E Call Server
- Configuring a Small System Controller
- Installing software on an MG 1000E Small System Controller
- Installing software on an MG 1000T Small System Controller
- Connecting a Terminal Server
- Configuring a terminal and SDI ports
- Verifying the network
- Installing and configuring a Voice Gateway Media Card
- Installing the Main Distribution Frame
- Configuring an IP Telephony node
- Installing Line cards and cross-connecting telephones
- Installing and configuring IP Phones
- Installing and cross-connecting a trunk card
- Installing and cross-connecting a Power Fail Transfer Unit
- Installing and cross-connecting an external alarm from a PFTU

continued ...

**553-3041-210 Communication Server 1000E: Installation and Configuration (continued ...)**

- Configuring MG 1000T survivability and alternate primary controller
- Basic system telephony configuration
- Configuring IP Peer Networking and managing the Gatekeeper database

**553-3041-258 Communication Server 1000E: Upgrade Procedures****Audience:** Installers**Purpose:** Provides information for upgrading the various systems.**Topics**

- Overview
- First steps
- Upgrading the CP PII Call Servers to CS Release 4.5
- Upgrading to CP PIV
- Upgrading the Signaling Server
- Upgrading the Media Gateway 1000T
- Upgrading Voice Gateway Media Card and IP Phone loadware and firmware
- Upgrade checklists
- System upgrade utilities
- Obtaining software
- Centralized Software Upgrade
- Technical Assistance service

## 553-3041-500 Communication Server 1000E: Maintenance

**Audience:** System administrator

**Purpose:** Provides information for maintaining the various systems.

### Topics

- Precautions
- Hardware maintenance tools
- Software maintenance tools
- Clearing faults
- Replacing equipment
- Media Card maintenance
- Technical Assistance service

## IP2033UG IP Audio Conference Phone 2033 User Guide

**Audience:** IP Phone users

**Purpose:** Using the IP Softphone 2033.

### Topics

- Regulatory and safety information
- About the IP Audio Conference Phone 2033
- Connect the IP Audio Conference Phone 2033 components
- Configure options on the IP Audio Conference Phone 2033
- Make a call
- Answer a call
- While on an active call
- While away from your desk
- Talk with more than one person
- Work without interruption
- Additional call features
- Additional features
- Hospitality features
- Flexible Feature Codes (FFCs)



## IP2050CCUG IP Softphone 2050 Call Center User Guide

**Audience:** IP Phone users    **Topics**

**Purpose:** Using the IP softphone 2050 or the Mobile Voice Client 2050.

- Overview
- Call Control window
- Agent and Supervisor features
- Agent features
- Supervisor features

## IP Phone 20xx User Guides

IP2001UG IP Phone 2001 User Guide

IP2002UG IP Phone 2002 User Guide

IP2004UG IP Phone 2004 User Guide

IP2007UG IP Phone 2007 User Guide

**Audience:** IP Phone users    **Topics**

**Purpose:** Using the IP Phone 2001, IP Phone 2002, IP Phone 2004 and IP Phone 2007.

- Regulatory and safety information (IP Phone 2007 only)
- About the phone
- Enter and edit text (except IP Phone 2001)
- Connect the phone components
- Configure options on the phone
- Make a call
- Answer a call
- While on an active call
- While away from your desk
- Talk with more than one person
- Work without interruption
- Additional call features
- Additional features
- Hospitality features

continued ...

### IP Phone 20xx User Guides (continued ...)

- External server applications
- Flexible Feature Codes (FFCs)
- Accessories

## IP Phone 20xx Call Center User Guides

IP2002CCUG IP Phone 2002 Call Center User Guide

IP2004CCUG IP Phone 2004 Call Center User Guide

IP2007CCUG IP Phone 2007 Call Center User Guide

**Audience:** IP Phone users   **Topics**

**Purpose:** Using the  
IP Phone 2002,  
IP Phone 2004, and  
IP Phone 2007.

- About the phone
- Agent and Supervisor features
- Agent features
- Supervisor features
- Accessories

## IP Phone 20xx Quick Reference Cards

IP2002QRC IP Phone 2002 for Communication Server 1000 Quick  
Reference Card

IP2004QRC IP Phone 2004 for Communication Server 1000 Quick  
Reference Card

IP2007QRC IP Phone 2007 Quick Reference Card

IP2033QRC IP Audio Conference Phone 2033

**Audience:** IP Phone users   **Topics**

**Purpose:** Quick Reference  
Guide to the  
IP Phone 2002,  
IP Phone 2004,  
IP Phone 2007, and  
IP Phone 2033.

- Feature Operation
- Option Menu

## IPKEMUG IP Phone Key Expansion Module User Guide

**Audience:** IP Phone users    **Topics**

**Purpose:** Describes the IP Phone Key Expansion Module (KEM).

- About the IP Phone Key Expansion Module (KEM)
- Installing your IP Phone KEM
- Initializing your IP Phone KEM
- IP Phone KEM controls and settings

## IPXSAUG IP Phone External Server Applications User Guide

**Audience:** IP Phone users    **Topics**

**Purpose:** Describes the use of External Server Applications.

- About the Nortel IP Phones
- External Server Applications

## M2016SUG M2016S Secure Set User Guide

**Audience:** Telephone user    **Topics**

**Purpose:** User Guide for the M2016S telephone.

- About the M2016S Secure Set
- Your set's display
- Your set's features
- Making a call
- Receiving a call
- During a call
- While you are away from your desk
- Talking with more than one person
- Working without interruption
- Special Prefix Code
- Flexible Feature Codes

## MVCIP2050UG IP Softphone 2050 and Mobile Voice Client 2050 User Guide

**Audience:** IP Phone users    **Topics**

**Purpose:** Using the IP Softphone 2050 and the Mobile Voice Client 2050.

- Overview
- IP Softphone 2050 Call Control window
- Installing and setting up the IP Softphone 2050
- Managing contacts with the IP Softphone 2050
- Managing IP Softphone 2050 calls
- IP Softphone 2050 USB Headset Adapter
- IP Softphone 2050 macros
- IP Softphone 2050 menu commands
- Troubleshooting the IP Softphone 2050
- Mobile Voice Client 2050 overview
- Installing and configuring the Mobile Voice Client 2050
- Mobile Voice Client 2050 Call Handling screen
- Managing Mobile Voice Client 2050 calls
- Managing Contacts with Mobile Voice Client 2050
- Personal Directory, Redial List and Callers List
- Mobile Voice Client 2050 settings
- Mobile Voice Client 2050 for expert users

## **N0009978 M2016S Secure Set Quick Reference Guide**

**Audience:** Telephone users

**Purpose:** Quick Reference Guide to the M2016S telephone.

**Topics**

- About the M2016S Secure Set
- M2016S Secure Set features
- M2016S Secure Set display

## **P0609276 Optivity Telephony Manager Desktop User Guide – English**

**Audience:** System administrators

**Purpose:** Describes the Optivity Telephony Manager Desktop Services.

**Topics**

- Using Desktop Services
- Telecom Billing System web reporting

## **WLAN Handset 221x Quick Reference Guides**

WLAN2210QRG WLAN Handset 2210 Quick Reference Guide  
WLAN2211QRG WLAN Handset 2211 Quick Reference Guide

**Audience:** Handset users

**Purpose:** Quick Reference Guide to the WLAN Handset 2210 and WLAN Handset 2211.

**Topics**

- Your handset
- Desktop Charger
- Dual Charger
- Quad Charger (WLAN Handset 2211 only)

## WLAN Handset 221x User Guides

WLAN2210UG WLAN Handset 2210 User Guide

WLAN2211UG WLAN Handset 2211 User Guide

**Audience:** Handset users

### Topics

**Purpose:** Describes the use of the WLAN Handset 2210 and WLAN Handset 2211.

- Regulatory and safety information
- Your handset
- Cleaning your handset
- Basic handset operation
- Features and function activation
- Security
- The headset
- Handset display
- User Option menu
- Call features
- Making calls
- While on an active call
- Incoming calls
- While away from your desk
- Talk with more than one person
- Work without interruption
- Other call features
- Branch Office
- Hospitality features
- Battery packs
- Desktop Charger
- Dual Charger
- Quad Charger (WLAN Handset 2211 only)

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# Documentation changes for CS 1000 Release 4.5

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## Contents

This section contains information on the following topics:

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## Obsolete content

The CS 1000 Release 4.5 library does not contain obsolete hardware and software information. If this information is required, refer to Release 24.00 documentation. Nortel continues to sustain the ordering of Release 24.00 and Release 25.40 documentation on CD-ROM. The documentation is also available in Helmsman on the Nortel web site.

## NTPs introduced in CS 1000 Release 4.5

Table 2 lists the NTPs introduced in CS 1000 Release 4.5.

Table 2  
 NTPs introduced in CS 1000 Release 4.5

NTP Number	NTP Title
553-3001-206	Planning a Network-wide Upgrade
553-3001-207	Main Office Configuration for SRG 50

## NTPs retired in CS 1000 Release 4.5

No NTPs were retired in CS 1000 Release 4.5

## NTPs renumbered and/or with title changes in CS 1000 Release 4.5

Table 3 lists the documents that were renumbered and/or with title changes in CS 1000 Release 4.5.

Table 3  
 NTPs renumbered and/or with title change in CS 1000 Release 4.5

Previous NTP Number	Previous NTP Title	New NTP Number	New NTP Title
553-3001-000	Library Navigator: Communication Server 1000 Release 4.0	No Change	Library Reference Guide: Communication Server 1000 Release 4.5
553-3001-015	What's New for Communication Server 1000 Release 4.0	No Change	What's New for Communication Server 1000 Release 4.5
553-3001-160	Data Networking for VoIP	No Change	Converging the Data Network With VoIP



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# CS 1000 Release 4.5 NTP library listing

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## Contents

This section contains information on the following topics:

<a href="#">Nortel Enterprise Multimedia Documentation CD-ROM . . . . .</a>	<a href="#">97</a>
<a href="#">Detailed NTP listing . . . . .</a>	<a href="#">98</a>

## Nortel Enterprise Multimedia Documentation CD-ROM

**Publication Order number: A0539891 NTLH91AB**

### **Number of CD-ROMs: 2**

Disk1 – Nortel Enterprise Multimedia Systems

Disk 2 – Nortel Enterprise Multimedia Applications

### **Description:**

The Nortel Communication Server 1000 Documentation CD-ROM contains the entire library. The files on the CD-ROM are in Portable Display Format (PDF). To view PDF files, it is necessary to have Adobe Acrobat Reader installed. Nortel Networks recommends using a minimum of Adobe Acrobat Reader Release 4.0.

**Nortel Enterprise Multimedia Documentation CD-ROM package contents**

This package contains the items listed in [Table 4](#).

**Table 4**  
**Nortel Networks Enterprise Multimedia Documentation CD-ROM**

Title	NTP or Order Number
Nortel Networks Enterprise Multimedia Documentation CD-ROM	N0019412 NTLH91AC

**Detailed NTP listing**

The following tables provide:

- [Table 5](#) provides the NTP titles, NTP numbers, and issue numbers for CS 1000 Release 4.5, sorted by NTP Title.
- [Table 6 on page 105](#) provides the NTP titles, NTP numbers, and issue numbers for CS 1000 Release 4.5, sorted by NTP Number.
- [Table 7 on page 112](#) provides the NTP titles, NTP numbers, and issue numbers for CS 1000 Release 4.0, sorted by NTP Category. The NTPs listed are available on the Nortel Networks Communication Server 1000 Documentation CD-ROM.

**Table 5**  
**NTP listing (sorted by NTP Title) (Part 1 of 7)**

<b>NTP Title</b>	<b>NTP Number</b>	<b>NTP Category</b>	<b>Issue</b>
Attendant PC: Description, Installation, and Operation	553-3001-320	Operations	3.00
Automatic Call Distribution: Description	553-3001-351	Operations	3.00
Basic Network Features	553-3001-379	Operations	3.00
Branch Office: Installation and Configuration	553-3001-214	Installation and Commissioning	3.00
Call Detail Recording: Description and Formats	553-3001-350	Operations	3.00
Carrier Remote IPE: Description, Installation, and Maintenance	553-3021-355	Operations	3.00
Circuit Card: Description and Installation	553-3001-211	Installation and Commissioning	3.00
Communication Server 1000E: Installation and Configuration	553-3041-210	Installation and Commissioning	2.00
Communication Server 1000E: Maintenance	553-3041-500	Performance and Fault Management	2.00
Communication Server 1000E: Overview	553-3041-010	Basics	2.00
Communication Server 1000E: Planning and Engineering	553-3041-120	Planning and Engineering	2.00
Communication Server 1000E: Upgrade Procedures	553-3041-258	Upgrades	2.00
Communication Server 1000M and Meridian 1: Large System Installation and Configuration	553-3021-210	Installation and Commissioning	3.00

**Table 5**  
**NTP listing (sorted by NTP Title) (Part 2 of 7)**

NTP Title	NTP Number	NTP Category	Issue
Communication Server 1000M and Meridian 1: Large System Maintenance	553-3021-500	Performance and Fault Management	3.00
Communication Server 1000M and Meridian 1: Large System Overview	553-3021-010	Basics	3.00
Communication Server 1000M and Meridian 1: Large System Planning and Engineering	553-3021-120	Planning and Engineering	3.00
Communication Server 1000M and Meridian 1: Large System Upgrade Procedures	553-3021-258	Upgrades	3.00
Communication Server 1000M and Meridian 1: Small System Installation and Configuration	553-3011-210	Installation and Commissioning	3.00
Communication Server 1000M and Meridian 1: Small System Maintenance	553-3011-500	Performance and Fault Management	3.00
Communication Server 1000M and Meridian 1: Small System Overview	553-3011-010	Basics	3.00
Communication Server 1000M and Meridian 1: Small System Planning and Engineering	553-3011-120	Planning and Engineering	3.00
Communication Server 1000M and Meridian 1: Small System Upgrade Procedures	553-3011-258	Upgrades	3.00
Communication Server 1000S: Installation and Configuration	553-3031-210	Installation and Commissioning	3.00
Communication Server 1000S: Maintenance	553-3031-500	Performance and Fault Management	3.00

**Table 5**  
**NTP listing (sorted by NTP Title) (Part 3 of 7)**

<b>NTP Title</b>	<b>NTP Number</b>	<b>NTP Category</b>	<b>Issue</b>
Communication Server 1000S: Planning and Engineering	553-3031-120	Planning and Engineering	3.00
Communication Server 1000S: Upgrade Procedures	553-3031-258	Upgrades	3.00
Communication Server 1000S: Overview	553-3031-010	Basics	3.00
Communication Server 1000: System Redundancy	553-3001-307	Operations	2.00
DASS2	553-3001-371	Operations	3.00
Converging the Data Network With VoIP	553-3001-160	Planning and Engineering	3.00
DECT: Description, Planning, Installation, and Operation	553-3001-370	Operations	3.00
Dialing Plans: Description	553-3001-183	Planning and Engineering	3.00
DPNSS1	553-3001-372	Operations	3.00
Electronic Switched Network: Signaling and Transmission Guidelines	553-3001-180	Planning and Engineering	3.00
Element Manager: System Administration	553-3001-332	System Administration and Security	3.00
Emergency Services Access: Description and Administration	553-3001-313	Operations	3.00
Equipment Identification	553-3001-154	Planning and Engineering	21.00
Feature Listing	553-3001-011	Basics	11.00
Features and Services: Book 1 of 3 (A to C)	553-3001-306	Operations	14.00

**Table 5**  
**NTP listing (sorted by NTP Title) (Part 4 of 7)**

NTP Title	NTP Number	NTP Category	Issue
Features and Services: Book 2 of 3 (D to M)	553-3001-306	Operations	14.00
Features and Services: Book 3 of 3 (N to Z)	553-3001-306	Operations	14.00
Fiber Remote IPE: Description, Installation, and Maintenance	553-3021-354	Operations	3.00
Fiber Remote Multi-IPE Interface: Description, Installation, and Maintenance	553-3021-356	Operations	3.00
Hospitality Features: Description and Operation	553-3001-353	Operations	3.00
Hospitality Integrated Voice Services: Service Implementation Guide	553-3001-359	Operations	3.00
Integrated Call Assistant: Service Implementation Guide	553-3001-362	Operations	3.00
Integrated Recorded Announcer: Service Implementation Guide	553-3001-360	Operations	3.00
IP Line: Description, Installation, and Operation	553-3001-365	Operations	4.00
IP Peer Networking: Installation and Configuration	553-3001-213	Installation and Commissioning	3.00
IP Phones: Description, Installation, and Operation	553-3001-368	Operations	7.00
IP Trunk: Description, Installation and Operation	553-3001-363	Operations	3.00
ISDN Basic Rate Interface: Features	553-3001-380	Operations	3.00

**Table 5**  
**NTP listing (sorted by NTP Title) (Part 5 of 7)**

<b>NTP Title</b>	<b>NTP Number</b>	<b>NTP Category</b>	<b>Issue</b>
ISDN Basic Rate Interface: Installation and Configuration	553-3001-218	Installation and Commissioning	3.00
ISDN Basic Rate Interface: Maintenance	553-3001-518	Performance and Fault Management	3.00
ISDN Primary Rate Interface: Features	553-3001-369	Operations	3.00
ISDN Primary Rate Interface: Installation and Configuration	553-3001-201	Installation and Commissioning	3.00
ISDN Primary Rate Interface: Maintenance	553-3001-517	Performance and Fault Management	3.00
Library Reference Guide: Communication Server 1000 Release 4.5	553-3001-000	Basics	1.00
Main Office Configuration for SRG 50	553-3001-207	Installation and Commissioning	1.00
Mini-Carrier Remote: Service Implementation Guide	553-3001-357	Operations	3.00
Multifrequency Compelled Signaling: Description, Hardware, and Engineering	553-3001-184	Planning and Engineering	3.00
Nortel Integrated Call Director: Service Implementation Guide	553-3001-361	Operations	3.00
Nortel Integrated Conference Bridge: Service Implementation Guide	553-3001-358	Operations	2.00
Nortel WLAN IP Telephony: Installation and Configuration	553-3001-304	Operations	4.00

**Table 5**  
**NTP listing (sorted by NTP Title) (Part 6 of 7)**

NTP Title	NTP Number	NTP Category	Issue
Office Data Administration System: Description and Engineering	553-3001-352	Operations	3.00
Optivity Telephony Manager: Installation and Configuration	553-3001-230	Installation and Commissioning	3.00
Optivity Telephony Manager: System Administration	553-3001-330	System Administration and Security	3.00
Optivity Telephony Manager: Telemanagement Applications	553-3001-331	System Administration and Security	3.00
Planning a Network-wide Upgrade	553-3001-206	Planning and Engineering	1.00
Product Compatibility	553-3001-156	Planning and Engineering	16.00
Set-Based Administration	553-3001-303	System Administration and Security	6.00
Signaling Server: Installation and Configuration	553-3001-212	Installation and Commissioning	3.00
Simple Network Management Protocol: Description and Maintenance	553-3001-519	Performance and Fault Management	2.00
Software Input/Output: Administration	553-3001-311	System Administration and Security	13.00
Software Input/Output: Maintenance	553-3001-511	Performance and Fault Management	13.00
Software Input/Output: System Messages	553-3001-411	Performance and Fault Management	14.00
Spares Planning	553-3001-153	Planning and Engineering	18.00
Survivable Remote Gateway 50	553-3001-207	Installation and Commissioning	1.00



**Table 5**  
**NTP listing (sorted by NTP Title) (Part 7 of 7)**

NTP Title	NTP Number	NTP Category	Issue
System Management	553-3001-300	System Administration and Security	3.00
System Security Management	553-3001-302	System Administration and Security	10.00
Telephones and Consoles: Description, Installation, and Operation	553-3001-367	Operations	3.00
Traffic Measurement: Formats and Output	553-3001-450	Performance and Fault Management	3.00
Transmission Parameters	553-3001-182	Planning and Engineering	3.00
What's New for Communication Server 1000 Release 4.0	553-3001-015	Basics	2.00

[Table 6](#) provides the NTP titles, NTP numbers, and issue numbers for CS 1000 Release 4.5, sorted by NTP Number. The NTPs listed are available on the Nortel Communication Server 1000 Documentation CD-ROM.

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 1 of 8)**

NTP Number	NTP Title	NTP Category	Issue
553-3001-000	Library Reference Guide: Communication Server 1000 Release 4.5	Basics	1.00
553-3001-011	Feature Listing	Basics	11.00
553-3001-015	What's New for Communication Server 1000 Release 4.5	Basics	1.00
553-3001-153	Spares Planning	Planning and Engineering	18.00
553-3001-154	Equipment Identification	Planning and Engineering	21.00

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 2 of 8)**

NTP Number	NTP Title	NTP Category	Issue
553-3001-156	Product Compatibility	Planning and Engineering	16.00
553-3001-160	Converging the Data Network with VoIP	Planning and Engineering	3.00
553-3001-180	Electronic Switched Network: Signaling and Transmission Guidelines	Planning and Engineering	3.00
553-3001-182	Transmission Parameters	Planning and Engineering	3.00
553-3001-183	Dialing Plans: Description	Planning and Engineering	3.00
553-3001-184	Multifrequency Compelled Signaling: Description, Hardware, and Engineering	Planning and Engineering	3.00
553-3001-201	ISDN Primary Rate Interface: Installation and Configuration	Installation and Commissioning	3.00
553-3001-206	Planning a Network-wide Upgrade	Planning and Engineering	1.00
553-3001-207	Survivable Remote Gateway 50	Installation and Commissioning	1.00
553-3001-211	Circuit Card: Description and Installation	Installation and Commissioning	3.00
553-3001-212	Signaling Server: Installation and Configuration	Installation and Commissioning	3.00
553-3001-213	IP Peer Networking: Installation and Configuration	Installation and Commissioning	3.00
553-3001-214	Branch Office: Installation and Configuration	Installation and Commissioning	3.00
553-3001-218	ISDN Basic Rate Interface: Installation and Configuration	Installation and Commissioning	3.00

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 3 of 8)**

<b>NTP Number</b>	<b>NTP Title</b>	<b>NTP Category</b>	<b>Issue</b>
553-3001-230	Optivity Telephony Manager: Installation and Configuration	Installation and Commissioning	3.00
553-3001-300	System Management	System Administration and Security	3.00
553-3001-302	System Security Management	System Administration and Security	10.00
553-3001-303	Set-Based Administration	System Administration and Security	6.00
553-3001-304	WLAN IP Telephony: Installation and Configuration	Operations	4.00
553-3001-306	Features and Services: Book 1 of 3 (A to C)	Operations	14.00
553-3001-306	Features and Services: Book 2 of 3 (D to M)	Operations	14.00
553-3001-306	Features and Services: Book 3 of 3 (N to Z)	Operations	14.00
553-3001-307	Communication Server 1000: System Redundancy	Operations	2.00
553-3001-311	Software Input/Output: Administration	System Administration and Security	13.00
553-3001-313	Emergency Services Access: Description and Administration	Operations	3.00
553-3001-320	Attendant PC: Description, Installation, and Operation	Operations	3.00
553-3001-330	Optivity Telephony Manager: System Administration	System Administration and Security	3.00

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 4 of 8)**

NTP Number	NTP Title	NTP Category	Issue
553-3001-331	Optivity Telephony Manager: Telemanagement Applications	System Administration and Security	3.00
553-3001-332	Element Manager: System Administration	System Administration and Security	3.00
553-3001-350	Call Detail Recording: Description and Formats	Operations	3.00
553-3001-351	Automatic Call Distribution: Description	Operations	3.00
553-3001-352	Office Data Administration System: Description and Engineering	Operations	3.00
553-3001-353	Hospitality Features: Description and Operation	Operations	3.00
553-3001-357	Mini-Carrier Remote: Service Implementation Guide	Operations	3.00
553-3001-358	Integrated Conference Bridge: Service Implementation Guide	Operations	2.00
553-3001-359	Hospitality Integrated Voice Services: Service Implementation Guide	Operations	3.00
553-3001-360	Integrated Recorded Announcer: Service Implementation Guide	Operations	3.00
553-3001-361	Integrated Call Director: Service Implementation Guide	Operations	3.00
553-3001-362	Integrated Call Assistant: Service Implementation Guide	Operations	3.00
553-3001-363	IP Trunk: Description, Installation, and Operation	Operations	3.00

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 5 of 8)**

<b>NTP Number</b>	<b>NTP Title</b>	<b>NTP Category</b>	<b>Issue</b>
553-3001-365	IP Line: Description, Installation, and Operation	Operations	4.00
553-3001-367	Telephones and Consoles: Description, Installation, and Operation	Operations	3.00
553-3001-368	IP Phones: Description, Installation, and Operation	Operations	8.00
553-3001-369	ISDN Primary Rate Interface: Features	Operations	3.00
553-3001-370	DECT: Description, Planning, Installation, and Operation	Operations	3.00
553-3001-371	DASS2	Operations	3.00
553-3001-372	DPNSS1	Operations	3.00
553-3001-379	Basic Network Features	Operations	3.00
553-3001-380	ISDN Basic Rate Interface: Features	Operations	3.00
553-3001-411	Software Input/Output: System Messages	Performance and Fault Management	13400
553-3001-450	Traffic Measurement: Formats and Output	Performance and Fault Management	3.00
553-3001-511	Software Input/Output: Maintenance	Performance and Fault Management	13.00
553-3001-517	ISDN Primary Rate Interface: Maintenance	Performance and Fault Management	3.00
553-3001-518	ISDN Basic Rate Interface: Maintenance	Performance and Fault Management	3.00

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 6 of 8)**

NTP Number	NTP Title	NTP Category	Issue
553-3001-519	Simple Network Management Protocol: Description and Maintenance	Performance and Fault Management	2.00
553-3011-010	Communication Server 1000M and Meridian 1: Small System Overview	Basics	3.00
553-3011-120	Communication Server 1000M and Meridian 1: Small System Planning and Engineering	Planning and Engineering	3.00
553-3011-210	Communication Server 1000M and Meridian 1: Small System Installation and Configuration	Installation and Commissioning	3.00
553-3011-258	Communication Server 1000M and Meridian 1: Small System Upgrade Procedures	Upgrades	3.00
553-3011-500	Communication Server 1000M and Meridian 1: Small System Maintenance	Performance and Fault Management	3.00
553-3021-010	Communication Server 1000M and Meridian 1: Large System Overview	Basics	3.00
553-3021-120	Communication Server 1000M and Meridian 1: Large System Planning and Engineering	Planning and Engineering	3.00
553-3021-210	Communication Server 1000M and Meridian 1: Large System Installation and Configuration	Installation and Commissioning	3.00
553-3021-258	Communication Server 1000M and Meridian 1: Large System Upgrade Procedures	Upgrades	3.00

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 7 of 8)**

NTP Number	NTP Title	NTP Category	Issue
553-3021-354	Fiber Remote IPE: Description, Installation, and Maintenance	Operations	3.00
553-3021-355	Carrier Remote IPE: Description, Installation, and Maintenance	Operations	3.00
553-3021-356	Fiber Remote Multi-IPE Interface: Description, Installation, and Maintenance	Operations	3.00
553-3021-500	Communication Server 1000M and Meridian 1: Large System Maintenance	Performance and Fault Management	3.00
553-3031-010	Communication Server 1000S: Overview	Basics	3.00
553-3031-120	Communication Server 1000S: Planning and Engineering	Planning and Engineering	3.00
553-3031-210	Communication Server 1000S: Installation and Configuration	Installation and Commissioning	3.00
553-3031-258	Communication Server 1000S: Upgrade Procedures	Upgrades	3.00
553-3031-500	Communication Server 1000S: Maintenance	Performance and Fault Management	3.00
553-3041-010	Communication Server 1000E: Overview	Basics	2.00
553-3041-120	Communication Server 1000E: Planning and Engineering	Planning and Engineering	2.00
553-3041-210	Communication Server 1000E: Installation and Configuration	Installation and Configuration	2.00

**Table 6**  
**NTP listing (sorted by NTP Number) (Part 8 of 8)**

NTP Number	NTP Title	NTP Category	Issue
553-3041-258	Communication Server 1000E: Upgrade Procedures	Upgrades	2.00
553-3041-500	Communication Server 1000E: Maintenance	Performance and Fault Management	2.00

Table 7 provides the NTP titles, NTP numbers, and issue numbers for CS 1000 Release 4.5, sorted by NTP Category. The NTPs listed are available on the Nortel Communication Server 1000 Documentation CD-ROM.

**Table 7**  
**NTP listing (sorted by NTP Category) (Part 1 of 7)**

NTP Category	NTP Title	NTP Number	Issue
Basics	Communication Server 1000E: Overview	553-3041-010	2.00
Basics	Communication Server 1000M and Meridian 1: Large System Overview	553-3021-010	3.00
Basics	Communication Server 1000M and Meridian 1: Small System Overview	553-3011-010	3.00
Basics	Communication Server 1000S: Overview	553-3031-010	3.00
Basics	Feature Listing	553-3001-011	11.00
Basics	Library Reference Guide: Communication Server 1000 Release 4.5	553-3001-000	1.00
Basics	What's New for Communication Server 1000 Release 4.5	553-3001-015	1.00
Installation and Commissioning	Circuit Card: Description and Installation	553-3001-211	3.00



**Table 7**  
**NTP listing (sorted by NTP Category) (Part 2 of 7)**

<b>NTP Category</b>	<b>NTP Title</b>	<b>NTP Number</b>	<b>Issue</b>
Installation and Commissioning	Communication Server 1000E: Installation & Configuration	553-3041-210	2.00
Installation and Commissioning	Communication Server 1000M and Meridian 1: Large System Installation and Configuration	553-3021-210	3.00
Installation and Commissioning	Communication Server 1000M and Meridian 1: Small System Installation and Configuration	553-3011-210	3.00
Installation and Commissioning	Communication Server 1000S: Installation and Configuration	553-3031-210	3.00
Installation and Commissioning	IP Peer Networking: Installation and Configuration	553-3001-213	3.00
Installation and Commissioning	ISDN Basic Rate Interface: Installation and Configuration	553-3001-218	3.00
Installation and Commissioning	ISDN Primary Rate Interface: Installation and Configuration	553-3001-201	3.00
Installation and Commissioning	Branch Office: Installation and Configuration	553-3001-214	3.00
Installation and Commissioning	Optivity Telephony Manager: Installation and Configuration	553-3001-230	3.00
Installation and Commissioning	Signaling Server: Installation and Configuration	553-3001-212	3.00
Installation and Commissioning	Survivable Remote Gateway 50	553-3001-207	1.00
Operations	Attendant PC: Description, Installation, and Operation	553-3001-320	3.00
Operations	Automatic Call Distribution: Description	553-3001-351	3.00

**Table 7**  
**NTP listing (sorted by NTP Category) (Part 3 of 7)**

NTP Category	NTP Title	NTP Number	Issue
Operations	Basic Network Features	553-3001-379	3.00
Operations	Call Detail Recording: Description and Formats	553-3001-350	3.00
Operations	Carrier Remote IPE: Description, Installation, and Maintenance	553-3021-355	3.00
Operations	Communication Server 1000: System Redundancy	553-3001-307	2.00
Operations	DASS2	553-3001-371	3.00
Operations	DECT: Description, Planning, Installation, and Operation	553-3001-370	3.00
Operations	DPNSS1	553-3001-372	3.00
Operations	Emergency Services Access: Description and Administration	553-3001-313	3.00
Operations	Features and Services: Book 1 of 3 (A to C)	553-3001-306	14.00
Operations	Features and Services: Book 2 of 3 (D to M)	553-3001-306	14.00
Operations	Features and Services: Book 3 of 3 (N to Z)	553-3001-306	14.00
Operations	Fiber Remote IPE: Description, Installation, and Maintenance	553-3021-354	3.00
Operations	Fiber Remote Multi-IPE Interface: Description, Installation, and Maintenance	553-3021-356	3.00
Operations	Hospitality Features: Description and Operation	553-3001-353	3.00

**Table 7**  
**NTP listing (sorted by NTP Category) (Part 4 of 7)**

<b>NTP Category</b>	<b>NTP Title</b>	<b>NTP Number</b>	<b>Issue</b>
Operations	Hospitality Integrated Voice Services: Service Implementation Guide	553-3001-359	3.00
Operations	Integrated Call Assistant: Service Implementation Guide	553-3001-362	3.00
Operations	Integrated Recorded Announcer: Service Implementation Guide	553-3001-360	3.00
Operations	IP Line: Description, Installation, and Operation	553-3001-365	4.00
Operations	IP Phones: Description, Installation, and Operation	553-3001-368	8.00
Operations	IP Trunk: Description, Installation and Operation	553-3001-363	3.00
Operations	ISDN Basic Rate Interface: Features	553-3001-380	3.00
Operations	ISDN Primary Rate Interface: Features	553-3001-369	3.00
Operations	Mini-Carrier Remote: Service Implementation Guide	553-3001-357	3.00
Operations	Integrated Call Director: Service Implementation Guide	553-3001-361	3.00
Operations	Integrated Conference Bridge: Service Implementation Guide	553-3001-358	2.00
Operations	WLAN IP Telephony: Installation and Configuration	553-3001-304	4.00
Operations	Office Data Administration System: Description and Engineering	553-3001-352	3.00

**Table 7**  
**NTP listing (sorted by NTP Category) (Part 5 of 7)**

NTP Category	NTP Title	NTP Number	Issue
Operations	Telephones and Consoles: Description, Installation, and Operation	553-3001-367	3.00
Performance and Fault Management	Communication Server 1000E: Maintenance	553-3041-500	2.00
Performance and Fault Management	Communication Server 1000M and Meridian 1: Large System Maintenance	553-3021-500	3.00
Performance and Fault Management	Communication Server 1000M and Meridian 1: Small System Maintenance	553-3011-500	3.00
Performance and Fault Management	Communication Server 1000S: Maintenance	553-3031-500	3.00
Performance and Fault Management	ISDN Basic Rate Interface: Maintenance	553-3001-518	3.00
Performance and Fault Management	ISDN Primary Rate Interface: Maintenance	553-3001-517	3.00
Performance and Fault Management	Simple Network Management Protocol: Description and Maintenance	553-3001-519	2.00
Performance and Fault Management	Software Input/Output: Maintenance	553-3001-511	13.00
Performance and Fault Management	Software Input/Output: System Messages	553-3001-411	14.00
Performance and Fault Management	Traffic Measurement: Formats and Output	553-3001-450	3.00
Planning and Engineering	Communication Server 1000E: Planning and Engineering	553-3041-120	2.00

**Table 7**  
**NTP listing (sorted by NTP Category) (Part 6 of 7)**

<b>NTP Category</b>	<b>NTP Title</b>	<b>NTP Number</b>	<b>Issue</b>
Planning and Engineering	Communication Server 1000M and Meridian 1: Large System Planning and Engineering	553-3021-120	3.00
Planning and Engineering	Communication Server 1000M and Meridian 1: Small System Planning and Engineering	553-3011-120	3.00
Planning and Engineering	Communication Server 1000S: Planning and Engineering	553-3031-120	3.00
Planning and Engineering	Data Networking for Voice over IP	553-3001-160	3.00
Planning and Engineering	Dialing Plans: Description	553-3001-183	3.00
Planning and Engineering	Electronic Switched Network: Signaling and Transmission Guidelines	553-3001-180	3.00
Planning and Engineering	Equipment Identification	553-3001-154	21.00
Planning and Engineering	Multifrequency Compelled Signaling: Description, Hardware, and Engineering	553-3001-184	3.00
Planning and Engineering	Planning a Network-wide Upgrade	553-3001-206	1.00
Planning and Engineering	Product Compatibility	553-3001-156	16.00
Planning and Engineering	Spares Planning	553-3001-153	18.00
Planning and Engineering	Transmission Parameters	553-3001-182	3.00
System Administration and Security	Element Manager: System Administration	553-3001-332	3.00
System Administration and Security	Optivity Telephony Manager: System Administration	553-3001-330	3.00
System Administration and Security	Optivity Telephony Manager: Telemanagement Applications	553-3001-331	3.00

**Table 7**  
**NTP listing (sorted by NTP Category) (Part 7 of 7)**

NTP Category	NTP Title	NTP Number	Issue
System Administration and Security	Set-Based Administration	553-3001-303	6.00
System Administration and Security	Software Input/Output: Administration	553-3001-311	13.00
System Administration and Security	System Management	553-3001-300	3.00
System Administration and Security	System Security Management	553-3001-302	10.00
Upgrades	Communication Server 1000E: Upgrade Procedures	553-3041-258	2.00
Upgrades	Communication Server 1000M and Meridian 1: Large System Upgrade Procedures	553-3021-258	3.00
Upgrades	Communication Server 1000M and Meridian 1: Small System Upgrade Procedures	553-3011-258	3.00
Upgrades	Communication Server 1000S: Upgrade Procedures	553-3031-258	3.00

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# User Guide and Quick Reference Card listing

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## User Guide and Quick Reference Card listing

[Table 8](#) is a listing of currently available telephone and attendant console User Guides and Quick Reference Cards. The User Guides and Quick Reference Cards are available on the Nortel Communication Server 1000 Documentation CD-ROM.

**Note 1:** The following documents cannot be ordered separately. When the hardware is purchased, Nortel automatically includes the corresponding document with it.

**Table 8**  
**User Guide and Quick Reference Card listing (Part 1 of 6)**

Order Number	Title
A0541132 - NTTQ33PA	C4060 Handset Trilingual User Guide
A0779721	Meridian Alerter and Recording Interface User Guide
A0801670	C4010 Ex Quick Reference Card
A0862964 NTKG91BD	C4010/4020 Cordless Handset User Guide
	DECT Handset 4025 Quick Reference Card
	DECT Handset 4025 User Guide
	DECT Handset 4065R Quick Reference Card

**Table 8**  
**User Guide and Quick Reference Card listing (Part 2 of 6)**

Order Number	Title
	DECT Handset 4065R User Guide
A0997039 NTTQ18AA	C4012 User Guide
A0997057 NTTQ26AA	C4030 User Guide
N/A	Bay Stack 460 Power over (POE) Ethernet Switch: User Manual
N/A	Integrated Conference Bridge Tutorial
N/A	Integrated Conference Bridge: Quick Reference Card
N/A	IP Phone 2001 For Nortel Networks Communication Server 1000 Quick Reference Card
N/A	IP Phone 2001 User Guide
N/A	IP Phone 2002 Call Center User Guide
N/A	IP Phone 2002 For Communication Server 1000: Quick Reference Card
N/A	IP Phone 2002 User Guide
N/A	IP Phone 2004 Call Center User Guide
N/A	IP Phone 2004 For Communication Server 1000 Quick Reference Card
N/A	IP Phone 2004 User Guide
N/A	IP Phone 2007 Call Center User Guide
N/A	IP Phone 2007 For Communication Server 1000 Quick Reference Card
N/A	IP Phone 2007 User Guide
N/A	IP Audio Conference Phone 2033 Quick Reference Card
N/A	IP Audio Conference Phone 2033 User Guide
N/A	IP Phone Key Expansion Module (KEM) User Guide



**Table 8**  
**User Guide and Quick Reference Card listing (Part 3 of 6)**

Order Number	Title
N/A	IP Softphone 2050 User Guide
N/A	Mobile Voice Client 2050 User Guide
N/A	IP Softphone 2050 Call Center User Guide
N/A	M2016S Secure Set User Guide
N/A	Integrated Call Director: User Guide
N/A	Integrated Conference Bridge: Administrator Guide
N/A	Integrated Conference Bridge: User Guide
N/A	WLAN Handset 2210 User Guide
N/A	WLAN Handset 2211 User Guide
N0000957	WLAN Handset 2210 Multilanguage Quick Reference Guide
N0000958	WLAN Handset 2211 Multilanguage Quick Reference Guide
N0009978	M2016S Secure Set Quick Reference Guide
P0602200	Full Duplex Handsfree Cartridge Installation and Reference Guide
P0603156	C4012 Quick Reference Card
P0609276	Optivity Telephony Manager Desktop English User Guide
P0609277	Optivity Telephony Manager Desktop French User Guide
P0609278	Optivity Telephony Manager Desktop German User Guide
P0661883	Asynchronous Data User Guide
P0667329	Attendant Administration User Guide
P0677591	Single-Line Telephone Quick Reference Card
P0677592	Multi-Line Telephone Quick Reference Card
P0687153	RS-232 User Guide

**Table 8**  
**User Guide and Quick Reference Card listing (Part 4 of 6)**

Order Number	Title
P0690763	M2317 Quick Reference Card
P0696749	High Speed Data Module User Guide
P0702800	Attendant Administration Quick Reference Card
P0704096	Meridian Modular Telephone Display Quick Reference Card
P0705986	Meridian Programmable Data Adapter User Guide
P0706836	M2250 Display Module installation Quick Reference Card
P0706875	Busy Lamp Field/Console Graphics Module User Guide
P0707561	Attendant Console Stand Installation Quick Reference Card
P0713593	Attendant Supervisory Module Installation Quick Reference Card
P0728490	Guest Wake-Up Quick Reference Card
P0735534	M1250/2250 Attendant Console Quick Reference Card
P0736062	Busy Lamp Field/Console Graphics Module
P0738417	ACD Package-C Supervisor's User Guide
P0740427	Background Terminal User Guide
P0743724	MCA/MCU
P0744255	ACD 500-type Telephone Quick Reference Card
P0744256	M2216 Quick Reference Card
P0744258	ACD Agent User Guide
P0744260	M2317 User Guide
P0744262	Regular Telephone User Guide
P0747008	Customer Controlled Routing User Guide
P0800567	500/2500 Telephones User Guide

**Table 8**  
**User Guide and Quick Reference Card listing (Part 5 of 6)**

Order Number	Title
P0813948	ACD Supervisor's Telephone User Guide
P0813950	Standard Telephone User Guide
P0834426	M1250/M2250 Attendant Console User Guide
P0838286 A0742959	Meridian M2616CT User Guide
P0859508	Meridian Communications Adapter User Guide
P0872254	Analog Terminal Adapter Quick Reference Card
P0872256	Analog Terminal Adapter Installation Sheet
P0902629 A0773349	Meridian Digital Telephones M2216ACD Telephone User Guide
P0903785 A0779719	Analog Terminal Adapter User Guide
P0903805	Meridian Digital Telephones 3901quick Reference Sheet
P0905052	Accessory Connection Module Installation Guide
P0905053	Key-based Expansion Module installation Guide
P0907186	Display-based Expansion Module installation Guide
P0941724	C4050 Cordless Handset User Guide
P0942072	Meridian Digital Telephones M3901 Quick Reference Card
P0942073	Meridian Digital Telephones M3902 Quick Reference Card
P0942074	Meridian Digital Telephones M3903 and M3904 Quick Reference Card
P0942075	Meridian Digital Telephones M3905 Quick Reference Card
P0942076	Full Duplex Hands Free Installation Card (M3900)
P0942352	Meridian Digital Telephones M3905 Quick Reference Guide
P0944089	Attendant PC Unit Quick Reference Guide

**Table 8**  
**User Guide and Quick Reference Card listing (Part 6 of 6)**

Order Number	Title
P0944090	Attendant PC Unit Installation Guide
P0986664	Personal Directory PC Utility Reference Guide
P0989045	DECT Messaging Installation Guide
P0993820	M3900 Series Key-Based Expansion Module Accessory Installation Sheet
P1002622	Meridian Digital Telephones M3902, M3903, M3904 Quick Reference Guide
P1002624	Meridian Digital Telephones M3905 Call Center Quick Reference Guide
P1002625	Meridian Digital Telephones M3901, M3902, M3903, M3904 User Guide
P1002626	Meridian Digital Telephones M3905 User Guide
P1002720	M3905 Handset Installation Sheet
P1014050	C4060 English Quick Reference Card

## Merged/retired NTPs

### Merged/retired NTP listing

[Table 9](#) is a complete listing of all documents that are officially retired/merged, up to and including CS 1000 Release 4.5.

**Table 9**  
**Merged/retired NTP listing (Part 1 of 27)**

NTP Number	Final Issue	Final Issue Date	NTP Title	Merge/ Retirement Notes
167-2191-200	—	October 1979	Power Distribution Plant J2412a	
167-4201-200	—	August 1977	UT1 Power Description, Installation and Maintenance	
169-2181-200	—	October 1984	J2357D Rectifier	
309-3001-100	8.00	October 1997	Electric Switched Network Description	Redundant Content
309-3001-180	5.00	November 2002	Electronic Switched Network: Signaling Guidelines	Merged with 553-3001-180
309-3001-181	5.00	November 2002	Electronic Switched Network: Transmission Guidelines	
553-2001-100	4.00	December 1994	Japanese Features and Services	Redundant Content

**Table 9**  
**Merged/retired NTP listing (Part 2 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2001-110	2.00	December 1991	SL-1 Telephones and Add-on Modules Description	Replaced by 553-3001-108
553-2001-115	2.00	July 1991	Attendant Console and Add-on Modules Description	Replaced by 553-2201-117
553-2001-187	2.00	December 1991	QPC71 E&M/DX Signaling and Paging Trunk Card Description	Merged with 553-3001-106
553-2001-188	2.00	December 1991	Recorded Telephone Dictation Trunk Cards Description	Merged with 553-3001-105
553-2001-190	2.00	December 1991	QPC237 4-Wire E&M/DX Trunk Card Description	Merged with 553-3001-106
553-2001-191	4.00	December 1995	QPC422 Tone Detector Card Description	
553-2001-225	—	September 1977	Miscellaneous Equipment Cable Connections	
553-2001-325	3.00	December 1994	Transmission Testing Capabilities Description and Operation	
553-2001-450	14.00	January 2002	Traffic Measurement formats and output	Replaced by 553-3001-450
553-2031-253	1.00	August 1990	Converting LE to NT	
553-2031-254	1.00	August 1990	Converting LE to ST	
553-2041-254	1.00	August 1990	Converting A to ST	
553-2051-254	1.00	August 1990	Converting M to ST	

**Table 9**  
**Merged/retired NTP listing (Part 3 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2121-253	1.00	August 1990	Converting VLE and XL to XT	
553-2201-110	2.00	December 1991	Meridian M2000 Digital Telephones Description and Specifications	Replaced by 553-3001-108
553-2201-113	2.00	December 1991	Meridian M2317 Telephone	Replaced by 553-3001-108
553-2201-115	2.00	February 1991	Meridian M3000 Touchphone Description and Specifications	Replaced by 553-3001-108
553-2201-116	5.00	December 1992	Meridian Modular Telephones Description and Specifications	Replaced by 553-3001-108
553-2201-151	1.00	August 1990	ST, RT, NT, XT System Engineering	
553-2201-151 Appendix 1	5.00	July 1991	Memory Calculations	Replaced by 553-3001-149
553-2201-151 Appendix 4	—	July 1994	Memory Calculations	
553-2201-152	1.00	September 1986	ST, RT, NT, XT Cutover Procedures	
553-2201-153	2.00	June 1990	ST, RT, NT, XT Equipment Identification	
553-2201-156	—	—	XN, XT Network Module Expansion	
553-2201-181	1.00	December 1989	ST, RT, NT, XT Spares Planning	

**Table 9**  
**Merged/retired NTP listing (Part 4 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2201-18	5.00	April 2000	International Loss and Level Plan: Planning and Engineering	Merged with 553-3001-182
553-2201-182	11.00	April 2000	Summary of Transmission Parameters	
553-2201-183	3.00	December 1991	500/2500 Line Cards Description and Operation	Merged with 553-3001-105
553-2201-184	—	December 1992	SL-1 Line Cards Description	
553-2201-184	—	—	Meridian SL-1 and Console Line Packs Description and Operation	
553-2201-185	2.00	December 1991	CO/FX/WATS Trunks Description	Merged with 553-3001-106
553-2201-186	2.00	December 1991	QPC449 Loop Signaling Trunk Card	Merged with 553-3001-106
553-2201-189	1.00	August 1990	ST, RT, NT, XT Power Engineering	
553-2201-192	3.00	December 1992	QPC513 Enhanced Serial Data Interface Card Description	Replaced by 553-3001-107
553-2201-193	2.00	December 1991	QPC578 Integrated Services Digital Line Card Description	Merged with 553-3001-105
553-2201-194	4.00	December 1991	QPC74 Recorded Announcement Trunk Card Description	Merged with 553-3001-106
553-2201-195	2.00	December 1991	QPC841 Quad Serial Data Interface Card Description	Replaced by 553-3001-107



**Table 9**  
**Merged/retired NTP listing (Part 5 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2201-200	1.00	August 1990	NT, XT General Installation Information	
553-2201-230	—	September 1988	Acceptance Test Manual	
553-2201-500	1.00	August 1990	NT, XT General Maintenance Information	
553-2221-253	1.00	August 1990	Converting N to NT	
553-2231-253	1.00	August 1990	Converting XN to XT	
553-2241-254	1.00	August 1990	Converting S to ST	
553-2261-254	1.00	August 1990	Converting MS to ST	
553-2401-100	1.00	August 1990	NT System Overview	
553-2401-210	—	December 1988	NT Installation Procedures	
553-2401-251	1.00	August 1990	Converting NT to XT	
553-2401-510	—	July 1988	Maintenance Manual I Fault Clearing Procedures for the NT	
553-2411-100	1.00	August 1990	XT System Overview	
553-2411-210	—	June 1988	XT Installation Procedures	
553-2411-510	—	July 1988	Maintenance Manual I Fault Clearing Procedures for the XT	
553-2421-254	1.00	August 1990	Converting SN to ST	
553-2431-100	1.00	August 1990	ST System Overview	
553-2431-200	1.00	August 1990	ST General Installation Information	

**Table 9**  
**Merged/retired NTP listing (Part 6 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2431-210	—	February 1988	ST Installation Procedures	
553-2431-230	—	September 1987	Acceptance Test Manual for the ST	
553-2431-250	1.00	August 1990	Converting ST to RT	
553-2431-500	1.00	August 1990	ST General Maintenance Information	
553-2431-510	—	February 1988	Maintenance Manual I Fault Clearing Procedures for ST	
553-2441-100	1.00	August 1990	RT System Overview	
553-2441-200	1.00	August 1990	RT General Installation Information	
553-2441-210	—	June 1988	RT Installation Procedures	
553-2441-230	—	June 1988	Acceptance Test Manual for the RT	
553-2441-500	1.00	August 1990	RT General Maintenance Information	
553-2441-510	—	June 1988	Maintenance Manual I Fault Clearing Procedures for the RT	
553-2601-200	4.00	April 2000	Remote Peripheral Equipment: Description, installation, and testing	
553-2601-500	3.00	December 1994	Remote Peripheral Equipment Maintenance Procedures	

**Table 9**  
**Merged/retired NTP listing (Part 7 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2601-500 A	—	—	QCA144 1.5 Mb/s Remote Peripheral Equipment Cabinet Appendix A	
553-2611-200	7.00	December 1994	Automatic Number Identification Description	Merged with 553-3001-305
553-2631-100	9.00	January 2002	Call Detail Recording Description and Formats	Replaced by 553-3001-350
553-2631-110	1.00	July 1982	Call Detail Recording Storage Systems Description	Merged with 553-2631-100
553-2631-210	1.00	July 1982	Call Detail Recording Storage Systems Installation	Merged with 553-2631-100
553-2631-310	1.00	July 1982	Call Detail Recording Storage Systems Operation	Merged with 553-2631-100
553-2631-510	1.00	July 1982	Call Detail Recording Fault Clearing Procedures	Merged with 553-2631-100
553-2641-100	—	—	RAN Trunk Description	Replaced by 553-2201-194
553-2671-100	5.00	December 1992	Automatic Call Distribution Basic Features Description	Replaced by 553-2671-110
553-2671-101	5.00	December 1992	Automatic Call Distribution Advanced Features Description	Replaced by 553-2671-110
553-2671-102	5.00	December 1992	Automatic Call Distribution Management Reports	Replaced by 553-2671-112
553-2671-103	5.00	December 1992	Automatic Call Distribution Load Management Reports	Replaced by 553-2671-112

**Table 9**  
**Merged/retired NTP listing (Part 8 of 27)**

NTP Number	Final Issue	Final Issue Date	NTP Title	Merge/ Retirement Notes
553-2671-104	1.00	July 1989	ACD-D Description	Product Manufacturer Discontinued
553-2671-105	1.00	July 1989	ACD-D Description of Management Reports and Displays	Product Manufacturer Discontinued
553-2671-106	1.00	August 1990	ACD-D Networking Description, Installation and Operation	Product Manufacturer Discontinued
553-2671-110	8.00	January 2002	Automatic Call Distribution: Feature Description	Merged with 553-3001-351
553-2671-112	6.00	April 2000	Automatic Call Distribution: Management commands and reports	
553-3671-120	10.00	April 2000	Network ACD: Description and operation	
553-2671-151	—	—	Automatic Call Distribution Feature Engineering	Merged with 553-2671-110
553-2671-151 Appendix 1	1.00	July 1989	ACD-D Ordering Information	
553-2671-200	1.00	July 1989	ACD-D Interface and Software Installation	Product Manufacturer Discontinued
553-2671-300	1.00	June 1980	ACD-D Basic Features Operation and Tests	
553-2671-301	2.00	February 1987	ACD-D Advanced Features Operation and Tests	

**Table 9**  
**Merged/retired NTP listing (Part 9 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2671-304	1.00	July 1989	ACD-D telephone Set Operation and Tests	Product Manufacturer Discontinued
553-2671-310	1.00	July 1989	ACD-D Administration of ACD Customers	Product Manufacturer Discontinued
553-2671-500	1.00	July 1989	ACD-D Maintenance Guidelines	Product Manufacturer Discontinued
553-2681-100	5.00	August 1996	Centralized Attendant Service Description and Engineering	
553-2691-105	9.00	January 2002	Message Center: Description and Operation	Merged with 553-3001-353
553-2701-101	5.00	January 2002	Message Registration: Description and Operation	
553-2311-316	12.0	January 2002	Background Terminal Facility: Description	
553-2801-100	5.00	April 2000	Buffer Interface/Protocol Converter: Description	
553-2801-101	9.00	April 2000	Property Management System Interface: Description	
553-2711-180	6.00	July 1995	Flexible Tone and Digit Switch	
553-2711-190	—	—	SL-1 Pulsed E&M Signalling Trunk Circuit Description	

**Table 9**  
**Merged/retired NTP listing (Part 10 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2721-100	4.00	April 2000	Office Data Administration System Description and Engineering	Replaced by 553-3001-352
553-2731-100	5.00	April 2000	Meridian Data Services Description	
553-2731-101	1.00	October 1986	Meridian Data Services COAX Elimination Description	Product Manufacturer Discontinued
553-2731-106	4.00	December 1994	QPC723, RS-232 Interface Line Card Description, Installation and Operation	
553-2731-107	5.00	December 1994	QMT21 High Speed Data Module Description, Installation and Operation	
553-2731-108	3.00	December 1994	QPC918 High Speed Data Card Description, Installation and Operation	
553-2731-109	5.00	April 2000	Meridian Communications Unit and Meridian Communications Adapter: Description, installation, administration, operation	
553-2731-110	3.00	April 2000	Transparent Data Networking	
553-2731-151	6.00	April 2000	Meridian data features: Traffic engineering and configuration	
553-2731-180	1.00	November 1984	Meridian Data Services Engineering Description and Characteristics	Replaced by 553-2731-100 553-2731-151

**Table 9**  
**Merged/retired NTP listing (Part 11 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2731-200	1.00	November 1984	Meridian Data Services Installation and Configuration	Replaced by 553-2731-151 553-2731-300
553-2731-200 Appendix 1	—	February 1985	Xerox Ethernet System Interface Installation	Product Manufacturer Discontinued
553-2731-200 Appendix 2	—	April 1985	Apple-Macintosh Interface installation	Merged with 553-2731-201
553-2731-200 Appendix 3	—	November 1987	Hewlett-Packard Interface installation	Merged with 553-2731-201
553-2731-200 Appendix 4	—	November 1987	Zenith PC Interface installation	Product Manufacturer Discontinued
553-2731-201	1.00	December 1994	Meridian SL-1 data feature Installation Apple and Hewlett-Packard	Product Manufacturer Discontinued
553-2731-202	1.00	August 1986	Meridian Data Services Asynchronous Interface Line Unit Description and Installation	Product Manufacturer Discontinued
553-2731-203	3.00	December 1994	Enhanced Asynchronous Interface Line Unit Description and Formats	
553-2731-300	4.00	April 2000	Meridian data features: Operations and tests	
553-2731-301	1.00	November 1984	Meridian Data Services COAX Elimination Operation and Tests	Product Manufacturer Discontinued

**Table 9**  
**Merged/retired NTP listing (Part 12 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2741-100 Appendix 1	—	—	2-Mb/s Remote Peripheral Equipment QCA146 cabinet and QSD74 shelf description	
553-2741-200 Appendix 1	—	—	2-Mb/s Remote Peripheral Equipment QCA146 cabinet and QSD74 shelf installation and testing	
553-2741-500 Appendix 1	—	—	2-Mb/s Remote Peripheral Equipment QCA146 cabinet maintenance/equipment replacement	
553-2751-100	11.00	November 2002	Basic and Network Alternate Route Selection: Description	Merged with 553-3001-379
553-2751-103	8.00	November 2002	Basic and Network Authorization Code: Description	
553-2751-101	5.00	November 2002	Network Queuing: Description	
553-2751-102	6.00	November 2002	Coordinated Dialing Plan: Description	Merged with 553-3001-183
553-2751-105	7.00	November 2002	Flexible Numbering Plan: Description, Operation and Administration	
553-2901-102	4.00	April 2000	Feature Group D: Description and Operation	
553-2751-104	3.00	December 1994	Automatic Trunk Maintenance Description	Merged with 553-3001-305



**Table 9**  
**Merged/retired NTP listing (Part 13 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2811-100	4.00	December 1994	Digital Trunk Interface/ Computer-to-PBX Interface Description	
553-2811-200	6.00	December 1994	Digital Trunk Interface/ Computer-to-PBX Interface Installation and Data Administration	
553-2811-500	4.00	December 1994	Digital Trunk Interface/ Computer-to-PBX Interface Maintenance	
553-2831-100	4.00	December 1994	Multi-Tenant Service Description	Merged with 553-3001-305
553-2861-100	4.00	April 2000	Multifrequency Compelled Signaling: Description, Hardware, and Engineering	Replaced by 553-3001-184
553-2901-100	15.00	June 1999	ISDN Primary Rate Interface Description and Administration	Merged with 553-2901-301
553-2901-101	—	—	International ISDN PRI Product and Features Overview	
553-2901-110	—	—	Meridian Link ISDN/AP General Guide	
553-2901-200	11.00	August 1996	ISDN Primary Rate Interface Installation	Merged with 553-2901-201
553-2901-201	7.00	January 2002	ISDN Primary Rate Interface Installation	Merged with 553-3001-201

**Table 9**  
**Merged/retired NTP listing (Part 14 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-2901-300	4.00	December 1990	ISDN Primary Rate Interface Administration	Merged with 553-2901-100
553-2901-301	9.00	January 2002	International ISDN Primary Rate Interface: Feature description and administration	Merged with 553-3001-369 553-3001-380
553-2901-500	11.00	October 1997	ISDN Primary Rate Interface Maintenance	Merged with 553-2901-501
553-2901-501	6.00	January 2002	ISDN PRI: Maintenance	Merged with 553-3001-517
553-2911-100	—	—	2-Mb/s Digital Trunk Interface Feature Description	
553-2911-200	—	—	2-Mb/s Digital Trunk Interface Installation	
553-2911-500	—	—	2-Mb/s Digital Trunk Interface General Maintenance	
553-2911-510	—	—	2-Mb/s Digital Trunk Interface Fault Clearing Procedures	
553-2931-100	—	—	2-Mb/s Remote Peripheral Equipment Description and engineering guidelines	
553-2931-200	—	—	2-Mb/s Remote Peripheral Equipment Installation acceptance procedures	
553-2931-500	—	—	2-Mb/s Remote Peripheral Equipment Maintenance and fault-clearing procedures	

**Table 9**  
**Merged/retired NTP listing (Part 15 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3001-012	4.00	June 1999	North American Feature Listing	Merged with 553-3001-011
553-3001-020	6.00	April 2000	Fiber Remote IPE: Description, Installation, and Maintenance	Replaced by 553-3021-354
553-3001-021	4.00	April 2000	Carrier Remote IPE: Description, Installation, and Maintenance	Replaced by 553-3021-355
553-3001-022	3.00	April 2000	Fiber Remote Multi-IPE Interface: Description, Installation, and Maintenance	Replaced by 553-3021-356
553-3001-023	3.00	April 2000	Mini-Carrier Remote: Description, Installation, and Maintenance	Replaced by 53-3001-357
553-3001-100	17.00	January 2002	System Overview	Replaced by 553-3021-010
553-3001-101	8.00	June 1999	Upgrade Overview Upgrading to Meridian 1 System Options	
553-3001-102	1.06	June 2002	Meridian Integrated Conference Bridge: Service Implementation Guide	Replaced by 553-3001-358
553-3001-103	1.00	May 2000	Meridian Integrated Voice Services: Description, Installation, Administration, and Maintenance	Replaced by 53-3001-359

**Table 9**  
**Merged/retired NTP listing (Part 16 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3001-105	7.00	January 2002	Line Cards: Description	Merged with 553-3001-211
553-3001-106	7.00	January 2002	Trunk Cards: Description	
553-3001-107	7.00	January 2002	Serial Data Interface Cards: Description	
553-3023-211	2.00	November 2002	Circuit Card Reference	
553-3001-211	18.00	January 2002	Circuit Card Installation and Testing	
553-3001-191	4.00	April 2000	NT7D16 Data Access Card: Description and Operation	
553-3001-195	7.00	April 2000	Multi:purpose Serial Data Link: Description	
553-3001-110	3.00	December 1994	NT6D82 Power System Description, Installation and Maintenance	
553-3001-110	7.00	September 1999	Meridian 1 Guide for the UK	
553-3001-111	—	—	Digital Clock Controllers, Installation and Administration	Merged with 553-2901-201
553-3001-112	5.00	May 2002	Meridian Integrated RAN: Description, Installation, and Operation	Replaced by 553-3001-360
553-3001-113	1.00	July1997	Meridian Integrated RAN Description, Installation and Operation	Merged with 553-3001-112

**Table 9**  
**Merged/retired NTP listing (Part 17 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3001-115	9.00	January 2002	Meridian 1 Guide for the UK: Options 11C: 81C	
553-3001-114	3.00	April 2000	Meridian 1 European Digital Telephones	Merged with 553-3001-367
553-3001-108	10.00	January 2002	Meridian 1 Telephones: Description and Specifications	
553-3001-215	12.0	January 2002	Telephone and Attendant Console Installation	
553-3001-216	5.00	January 2002	M3900 Series Meridian Digital Telephones: Description, Installation and Administration	
553-2201-117	10.00	January 2002	Attendant Consoles: Description	
553-2201-180	5.00	January 2002	Digital Telephones Line Engineering	
553-3001-116	2.00	April 2000	Meridian Internet Telephony Gateway (ITG) Trunk 1.0/ Basic Per: Trunk Signaling: Description, Installation and Operation	
553-3001-117	2.00	April 2000	Meridian Integrated Personal Call Director: Description, Installation, Administration, and Maintenance	Replaced by 553-3001-361

**Table 9**  
**Merged/retired NTP listing (Part 18 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3001-118	2.00	April 2000	Meridian Integrated Call Assistant (MICA): Engineering, Installation, Administration and Maintenance	Replaced by 553-3001-362
553-3001-119	2.00	April 2000	Meridian Internet Telephony Gateway (ITG) Line 1.0/IP Telecommuter: Description, Installation and Operation	
553-3001-120	15.00	January 2002	Installation Planning	Merged with 553-3021-120
553-3001-149	12.0	January 2002	Capacity Engineering	
553-3001-151	15.00	January 2002	System Engineering	
553-3001-152	11.00	January 2002	Power Engineering	
553-3001-210	16.00	January 2002	System Installation Procedures	553-3021-210
553-3001-109	6.00	April 2000	Cabling Guide	
553-3001-150	8.00	June 1999	Upgrading to Meridian 1 System Options	
553-3001-161	3.00	December 1991	NT8D03 Analog Line Card Description	
553-3001-161	—	—	NT5K02 and NT5K03 Analog Line Cards Description	
553-3001-162	3.00	December 1991	NT8D02 Digital Line Card Description	Merged with 553-3001-105
553-3001-163	4.00	December 1992	NT8D09 Analog Message Waiting Line Card Description	Merged with 553-3001-105

**Table 9**  
**Merged/retired NTP listing (Part 19 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3001-171	5.00	August 1993	NT8D14 Universal Trunk Card Description	Merged with 553-3001-106
553-3001-172	4.00	August 1993	NT8D15 E&M Trunk Card Description	Merged with 553-3001-106
553-3001-173	—	—	United Kingdom Trunk Card Description	Merged with M1 UK Guide P0912437
553-3001-174	—	—	Generic Central Office Trunk Cards Description and Installation	Merged with 553-3001-106
553-3001-181	2.00	August 1993	NT8D41 Serial Data Interface Paddle Board Description	Replaced by 553-3001-107
553-3001-202	2.00	February 2003	IP Trunk: Description, Installation and Operation	Replaced by 553-3001-363
553-3001-203	2.00	April 2000	Meridian BRAnch VOice 1.0: Description, Installation, and Operation	Replaced by 553-3001-364
553-3001-204	4.00	November 2002	IP Line: Description, Installation, and Operation	Replaced by 553-3001-365
553-3001-206	2.00	April 2000	802.11 Wireless IP Gateway Description, Installation and Operation	Replaced by 553-3001-366
553-3001-217	2.00	November 2002	Internet Terminals: Description	Replaced by 553-3001-368
553-3001-232	1.00	October 2003	Element Manager: Installation and Configuration	Replaced by 553-3001-365 553-3001-212

**Table 9**  
**Merged/retired NTP listing (Part 20 of 27)**

NTP Number	Final Issue	Final Issue Date	NTP Title	Merge/ Retirement Notes
553-3001-250	14.00	August 1996	Upgrading System Installation through Release 21	
553-3001-250 Appendix 1	14.00	August 1996	Upgrading System Installation through Release 21	
553-3001-251	6.00	July 1995	Disk Drive Upgrade Procedures	Merged with 553-3001-259
553-3001-253	—	—	System Options 21, 61, 71 Shelf Upgrades to Meridian 1	
553-3001-258	6.00	January 2002	Upgraded Systems Installation: Upgrade to Options 51C, 61C, 81C	Merged with 553-3021-258
553-2001-320	23.00	January 2002	Software Conversion Procedures	
P0912862	2.00	April 2000	Call Processor Field Memory Upgrade	
553-3001-259	2.00	April 2000	Fiber Network Fabric Reference Guide	
553-3001-305	15.00	June 1999	Features and Services	Merged with 553-3001-306
553-3001-300	6.00	January 2002	System Management	Merged with 553-3001-300
553-3001-301	9.0	January 2002	System Management Applications	
553-3023-300	1.00	November 2002	System Management Description	



**Table 9**  
**Merged/retired NTP listing (Part 21 of 27)**

NTP Number	Final Issue	Final Issue Date	NTP Title	Merge/ Retirement Notes
553-3001-320	3.00	June 2001	Meridian/Succession Attendant PC: Software Installation Guide	Merged with 553-3001-320
553-3001-221	3.00	June 2001	Meridian/Succession Attendant PC: Software Quick Start Guide	
553-3001-222	2.00	June 2001	Meridian/Succession Attendant PC: LAN Interface Installation Guide	
553-3001-220	3.00	June 2001	Meridian/Succession Attendant PC: Software Installation Guide	
553-3001-366	1.00	October 2003	802.11 Wireless IP Gateway	Replaced by 553-3001-304
553-3001-400	16.00	June 1999	Input/Output Guide (N.A.)	Merged with 553-3001-311
553-3001-500	15.00	January 2002	General Maintenance Information	Merged with 553-3021-500
553-3001-510	13.00	January 2002	Fault Clearing	
553-3001-520	17.00	January 2002	Hardware Replacement	
553-3001-570	—	—	Power Monitor/common Equipment Auxiliary Shelves Description and Installation	

**Table 9**  
**Merged/retired NTP listing (Part 22 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3011-100	14.00	January 2002	Option 11C and 11C Mini: Technical Reference Guide	Split into 553-3001-211 553-3001-367 553-3011-010 553-3011-120
553-3011-310	14.00	November 2002	1.5Mb DTI/PRI: Description, Installation and Maintenance	Split into 553-3001-517 553-3001-201
553-3011-311	10.00	November 2002	ISDN BRI: Hardware Installation and Maintenance	Split into 553-3001-218 553-3001-518
553-3011-315	14.00	November 2002	2.0Mb DTI/PRI: Description, Installation and Maintenance	Split into 553-3001-517 553-3001-201
553-3021-208	2.00	December 2000	Option 11C Mini: Expansion using Fiber Optic and IP Connectivity guide	Merged with 553-3011-258
553-3021-250	9.00	January 2002	Option 11C and 11C Mini: Upgrade Procedures Guide	

**Table 9**  
**Merged/retired NTP listing (Part 23 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3021-209	3.00	April 2000	Option 11C Mini: Planning and Installation Guide	Merged with 553-3011-210
553-3011-331	2.00	January 2002	Option 11C Survivability: Operation and Configuration Guide	
553-3011-320	8.00	April 2000	Option 11C and 11C Mini: Central Answering Position Guide	
553-3011-330	6.00	April 2000	Option 11C and 11C Mini: Customer Configuration Backup and Restore Guide	
553-3021-210	7.00	January 2002	Option 11C Planning and Installation Guide	Split into 553-3011-120 553-3011-210 553-3011-010
553-3023-001	1.00	November 2002	Library Navigator	Merged with 553-3001-000
553-3023-100	1.00	June 2001	Terminals Reference Guide	Merged with 553-3001-217
553-3023-101	1.00	November 2002	System Overview	Replaced by 553-3031-010
553-3023-102	2.00	April 2003	Planning and Engineering Guidelines	Replaced by 553-3031-120
553-3023-103	1.00	November 2002	Data Networking Guidelines	Replaced by 553-3001-160

**Table 9**  
**Merged/retired NTP listing (Part 24 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3023-110	1.00	June 2001	Applications Guide	Merged with 553-3023-101
553-3023-210	3.00	April 2003	Installation and Configuration	Replaced by 553-3031-210
553-3023-220	2.00	April 2003	IP Peer Networking	Replaced by 553-3001-213
553-3023-221	2.00	April 2003	Branch Office	Replaced by 553-3001-214
553-3023-222	1.00	November 2002	Element Management	Merged with 553-3023-232 Issue 1.00 and 553-3023-332 Issue 1.00
553-3023-258	1.00	November 2002	Upgrades	Replaced by 553-3031-258
553-3023-311	1.00	June 2001	Administration Input/Output Guide	Merged with 553-3001-311
553-3023-411	1.00	June 2001	Messages Input/Output Guide	Merged with 553-3001-411
553-3023-510	2.00	November 2002	Maintenance	Replaced by 553-3031-500
553-3023-511	1.00	June 2001	Maintenance Input/Output Guide	Merged with 553-3001-511
553-3131-250	—	—	Compact Planning, Installation, Fault Clearing and CCBP	Merged with 553-2671-110

**Table 9**  
**Merged/retired NTP listing (Part 25 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3601-101	5.00	September 2002	DECT: Site Planning Guide	Merged with 553-3001-370
553-3601-102	3.00	September 2002	DECT: Provisioning Records	
553-3601-103	5.00	September 2002	DECT Overview	
553-3601-203	6.00	September 2002	DECT Installation Guide	
553-3601-301	5.00	September 2002	DECT Operation Administration and Maintenance	
553-3901-100	8.00	January 2002	ISDN Basic Rate Interface: Product Description	Merged with 553-3001-380
553-3901-300	8.00	January 2002	ISDN Basic Rate Interface: Administration	
553-3901-200	7.00	January 2002	ISDN Basic Rate Interface: Installation	Merged with 553-3001-218
553-3901-330	6.00	April 2000	ISDN Basic Rate Interface: Acceptance Testing	
553-3901-500	7.00	January 2002	ISDN Basic Rate Interface: Maintenance	Merged with 553-3001-518
553-3911-100	6.00	January 2002	DASS2 Product Overview Guide	Merged with 553-3001-371
553-3911-200	6.00	January 2002	DASS2 Installation Guide	
553-3911-300	7.00	January 2002	DASS2 Features and Services Guide	
553-3911-500	6.00	January 2002	DASS2 Maintenance Guide	

**Table 9**  
**Merged/retired NTP listing (Part 26 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
553-3921-100	7.00	January 2002	DPNSS1 Product Overview Guide	Merged with 553-3001-372
553-3921-200	6.00	January 2002	DPNSS1 Installation Guide	
553-3921-300	8.00	January 2002	DPNSS1 Features and Services Guide	
553-3921-500	6.00	January 2002	DPNSS1 Maintenance Guide	
631-4511-100	—	—	BIX* In-Building Cross-Connect System Material Installation and Servicing (Wall-Mounted System)	
631-4511-200	—	—	BIX* In-Building Cross-Connect System Material Description	
N/A	—	—	E1 Lineside	Merged with 553-3001-105
N/A	—	—	T1 Lineside	Merged with 553-3001-105
N/A	6.00	October 2000	Task Fault Clearing Guide	
N/A	6.00	October 2000	Task System Programming Guide	
N/A	6.00	April 2000	IODU/C	
P0914248	2.00	June 2001	CP FNF Upgrade	

**Table 9**  
**Merged/retired NTP listing (Part 27 of 27)**

<b>NTP Number</b>	<b>Final Issue</b>	<b>Final Issue Date</b>	<b>NTP Title</b>	<b>Merge/ Retirement Notes</b>
P0914249	2.00	June 2001	CP FNF Description, Installation and Administration Guide	
553-3023-100	1.00	June 2001	Terminals Reference Guide	Merged with 553-3001-217 Issue 2.00
553-3023-110	1.00	June 2001	Applications Guide	Merged with 553-3023-101 Issue 1.00 and 553-3023-102 Issue 1.00
553-3023-311	1.00	June 2001	Administration Input/Output Guide	Merged with 553-3001-311 Issue 10.00
553-3023-411	1.00	June 2001	Messages Input/Output Guide	Merged with 553-3001-411 Issue 11.00
553-3023-511	1.00	June 2001	Maintenance Input/Output Guide	Merged with 553-3001-511 Issue 11.00





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# Appendix A: Terminology

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## Product families terminology

In Communication Server 1000 Nortel Technical Publications (NTPs), the following systems are referred to generically as “system”:

- Communication Server 1000S (CS 1000S)
- Communication Server 1000M (CS 1000M)
- Communication Server 1000E (CS 1000E)
- Meridian 1

The following systems are referred to generically as “Small System”:

- Communication Server 1000M Chassis (CS 1000M Chassis)
- Communication Server 1000M Cabinet (CS 1000M Cabinet)
- Meridian 1 PBX 11C Chassis
- Meridian 1 PBX 11C Cabinet

The following systems are referred to generically as “Large System”:

- Communication Server 1000M Half Group (CS 1000M HG)
- Communication Server 1000M Single Group (CS 1000M SG)
- Communication Server 1000M Multi Group (CS 1000M MG)
- Meridian 1 PBX 51C
- Meridian 1 PBX 61C
- Meridian 1 PBX 81
- Meridian 1 PBX 81C

## Terminology history

### Branch Office

In Succession 3.0, the term “*branch office*” was used as follows:

- *To refer to a place or location.* In this case, the term was not capitalized. For example, “The MG 1000B platform is designed to support a *branch office*.”
- *To refer to a service option* that extended Succession 1000 functionality to a remote site. In this case, the term was capitalized. For example, “The *Branch Office* service offers survivability.”
- *To refer to a hardware platform* comprised of Media Gateway components. In this case, the term was capitalized. For example, “The *Branch Office* is comprised of an MG 1000B Core and an optional MG 1000B Expander.”

In CS 1000 Release 4.0, the term “*branch office*” was used as follows:

- *To refer to a place or location.* In this case, the term is not capitalized.
- *To refer to a service option* that extends CS 1000 functionality to a remote site. In this case, the term is capitalized.

To refer to the hardware platform or hardware components that support a Branch Office configuration, the term *Media Gateway 1000B (MG 1000B)* is used. For more information, see *Branch Office: Installation and Configuration* (553-3001-214).

## Communication Server for Enterprise 1000 (CSE 1000)

In CSE Release 2.0 (also known as “X21”), the term “*CSE 1000*” referred to an IP-based PBX. In Succession Release 3.0, the term “*CSE 1000*” was replaced by “*Succession 1000*”. In CS 1000 Release 4.0, the term “*Succession 1000*” was replaced by “*Communication Server 1000S*”.

Table 10 shows how this change has been implemented in product names.

**Table 10**

**Terminology changes: Communication Server for Enterprise (CSE)**

<b>Succession 3.0</b>	<b>CS 1000 Release 4.0</b>
CSE 1000	Communication Server 1000S
CSE 2000	Communication Server 2000
CSE MX	Multimedia Communication Server 5100 (MCS 5100)

## i2050 Mobile Voice Client

In CS 1000 Release 4.0, the term “*i2050 Mobile Voice Client*” was replaced by “*Mobile Voice Client 2050*”.

## Internet Telephone/IP Phone

In CS 1000 Release 4.0, the term “*Internet Telephone*” was replaced by “*IP Phone*”. Table 11 shows how this change has been implemented in product names.

**Table 11**  
**Terminology changes: Internet Telephone**

Succession 3.0	CS 1000 Release 4.0
i2001 Internet Telephone	IP Phone 2001
i2002 Internet Telephone	IP Phone 2002
i2004 Internet Telephone	IP Phone 2004
i2050 Software Phone	IP Softphone 2050
i24 Key Expansion Module	IP Phone Key Expansion Module
Internet Telephone Installer Password	IP Phone Installer Password
Temporary Internet Telephone Installer Password	Temporary IP Phone Installer Password

## Incremental Software Management

In CS 1000 Release 4.0, the term “*Incremental Software Management*” was replaced by “*License*”. Table 12 shows how this change has been implemented in product names.

**Table 12**  
**Terminology changes: Incremental Software Management**

Succession 3.0	CS 1000 Release 4.0
ISM parameters	Licenses
SIP Virtual Trunks ISM	SIP Access Port License
IP Peer H.323 Trunks ISM	H.323 Access Port License

**Table 12**  
**Terminology changes: Incremental Software Management**

<b>Succession 3.0</b>	<b>CS 1000 Release 4.0</b>
IP User ISM (High-end)	IP User License
IP User ISM (Low-end)	Basic IP User License
Wireless User ISM	DECT User License
Wireless Visitor User ISM	DECT Visitor User License

## Meridian

The term “*Meridian*” represents a Nortel product family. In CS 1000 Release 4.0, the term “*Meridian*” was removed from several product names. Table 13 shows how this change has been implemented.

**Table 13**  
**Terminology changes: Meridian**

<b>Succession 3.0</b>	<b>CS 1000 Release 4.0</b>
Meridian Integrated Call Assistant (MICA)	Integrated Call Assistant
Meridian Integrated Conference Bridge (MICB)	Integrated Conference Bridge
Meridian Integrated Personal Call Director (MIPCD)	Integrated Call Director
Meridian Integrated Recorded Announcement (MIRAN)	Integrated Recorded Announcer
Meridian Integrated Voice Service (MIVS)	Hospitality Integrated Voice Services

## Media Gateway

The term “*Media Gateway*” refers to a hardware platform that is used in CS 1000 systems. In a *CS 1000E*, the Media Gateway platform is called a

*Media Gateway 1000E*. In a *CS 1000S*, it is called a *Media Gateway 1000S*. The *Media Gateway 1000B* platform and *Media Gateway 1000T* platform are additional options.

The term “*Media Gateway*” can also refer to the components that comprise a Media Gateway platform. In this context, one can use the terms “*Media Gateway*” and “*Media Gateway Expander*.” In the past, a Media Gateway was called a “*WAN Gateway*”.

## Peripheral Equipment (PE)

On CS 1000 systems, Intelligent Peripheral Equipment (IPE) is supported, but Peripheral Equipment (PE) is not supported.

## Remote Office 9150

In CS 1000 Release 4.0, the term “*Remote Office 9150*” was replaced by “*Remote Gateway 9150*”.

## Succession

The term “*Succession*” represents a Nortel product family. Within this family, the term “*Succession 1000*” represents the name of an IP-based PBX, while “*Succession Call Server*” represents the name of a component.

In CS 1000 Release 4.0, the family name “*Succession*” was replaced by “*CS 1000*”, while the product name “*Succession 1000*” was replaced by “*CS 1000S*”.

In addition, the term “*Succession*” was removed from the name of several components in CS 1000 systems (CS 1000E, CS 1000M, and CS 1000S).

Table 14 shows how this change has been implemented in product names.

**Table 14**  
**Terminology changes: Succession**

<b>Succession 3.0</b>	<b>CS 1000 Release 4.0</b>
Succession 1000	Communication Server 1000S
Succession 2000	Communication Server 2000
Succession Branch Office	Media Gateway 1000B
Succession Call Server	Call Server
Succession Element Manager	Element Manager
Succession Media Card	Media Card
Succession Signaling Server	Signaling Server
Succession System Controller	Small System Controller







Nortel Communication Server 1000

## **Library Reference Guide**

Communication Server 1000 Release 4.5

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