



## DATA SHEET

# SuperStack® 3 NBX Networked Telephony Solution

## Key Benefits

Scalable communications for offices requiring up to 600 stations.

### Highly Scalable

Supports up to 750 devices (including up to 360 PSTN lines).

### Converged Voice and Data Communications

Delivers integrated, simultaneous voice and data over the LAN and WAN.

### Extensive Applications

Includes built-in robust call processing, voice mail, computer telephony integration (CTI) and unified messaging.

The SuperStack 3 NBX networked telephony solution delivers a hearty call-processing feature-set, and an extensive suite of applications right over your local area network (LAN) and wide area network (WAN). 3Com's newest addition to the NBX 25 and NBX 100 communications system product line provides support for up to 750 devices (lines/stations), enabling businesses worldwide to manage operations more efficiently, improve customer relations, economize on costs, and enhance productivity.

### Open Architecture

Standards-based architecture supports traditional PSTN connections and IP telephony protocols and standards, and enables easy integration with 3rd party applications through standard protocols and API's.

### Radical Simplicity

User-friendly interfaces and web-based administration for easy and quick administrative and user programming.

Ideal for businesses and branch offices with up to 600 users per location, this full-featured business communications solution features third-generation software and a new, robust Ethernet/Fast Ethernet (10/100BASE-T) hardware platform, which expands the NBX product family and addresses the growing needs of larger organizations.

The SuperStack 3 NBX networked telephony solution includes a variety of new enhancements that dramatically improve system performance and make the system easy to use. Now, businesses can count on a host of benefits, including reductions in administrative and maintenance costs.

## Control costs and manage call flow with reporting capabilities

### An Integrated Platform

By combining voice and data services over a single Ethernet/Fast Ethernet LAN infrastructure, the SuperStack 3 NBX networked telephony solution does more than simply eliminate duplicate cabling. Companies lacking a LAN can take advantage of the benefits of owning one, with applications such as file sharing, e-mail, print sharing, and shared Internet connectivity.

### Proven Availability and Reliability

The SuperStack 3 NBX solution features a robust end-to-end architecture that ensures maximum system availability. Based on the VxWorks real-time operating system, from Wind Rivers, the call-processing environment of the SuperStack 3 NBX solution ensures that communications remain operational at all times.

Additional built-in availability features include resilient 10/100 Mbps Ethernet uplink ports with fail-over, optional redundant power supplies, and mirrored hard drives. The solution also is compatible with 3Com redundant power supply technology and the 3Com Ethernet Power Source, which provides uninterruptible power over the LAN for NBX business telephones. These features combined provides a strong end-to-end architecture that ensures maximum system uptime.

### Radically Simple to Use and Operate

The 3Com SuperStack 3 NBX networked telephony solution puts you in control of the phone system. The NBX NetSet™ administration utility, which has been enhanced for the SuperStack 3 NBX solution delivers simple, systemwide management from any desktop in the network. All routine administrative functions are performed via a standard Web browser. With minimal training, anyone can learn how to add new users and make systemwide changes.

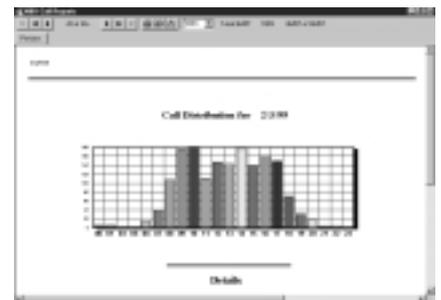
### Enhanced Management Tools

With this next-generation solution, 3Com adds additional management capabilities to the already extensive list of tools that come with the NBX 100 system. In addition to NBX NetSet enhancements, you can take advantage of the 3Com Network Supervisor (version 3.0 or greater) application, which enables you to build a network topology map and perform network device, health-monitoring from any PC on the network.

### Automatic Route Selection (ARS) Minimizes Costs, Improves Efficiency

Uncontrolled telephone use can be a major headache. The SuperStack 3 NBX networked telephony solution solves this problem by providing a comprehensive dial plan that routes calls based on up to 32,768 ARS parameters, enabling calls to be connected via the most cost-effective line. The system determines whether a user is allowed to place a call. If the call is allowed, the system instantly routes the call to the appropriate PSTN or WAN facility—T1, E1, local analog, or voice over IP (VoIP) across a corporate WAN backbone—by comparing the number dialed to the established dial plan rule, enabling a multisite uniform dial plan.

### Call Detail Reporting (CDR)



Call detail reporting (CDR) lets you track and report on phone usage.

CDR provides extensive reporting and monitoring capabilities, enabling you to easily track pattern usage, identify bottlenecks, and manage call flow. This powerful reporting tool also lets you control costs by

## Perform on-screen dialing with built-in CTI services

allowing users to assign account codes—even to active calls—while tracking usage in CDR. For example, if a partner in a law office receives a call from a client, the partner can press a feature button and enter the client's account number into the system for recording and billing purposes.

### Time-of-Day Service Modes

Organizations can program the SuperStack 3 NBX networked telephony solution to automatically respond up to four different times during a given day using customer-defined service modes—such as Open, Closed, Lunch, and Other. Each service mode can be assigned its own automated attendant greeting and call-routing path. And, service modes can be manually overridden.

### Multiple Phones and PC Application Interfaces

No single phone set is appropriate for every kind of user, and most companies want to plug analog devices, such as fax machines and speakerphone adjuncts, into their voice/data networks. That's why the SuperStack 3 NBX networked telephony solution supports a wide range of phone choices in addition to the family of IP-based multiline NBX 1102 and 2102 business phones, which offer 18 programmable and 10 preprogrammed services.

Using the NBX business phone isn't the only way to place and receive phone calls. For example, call center workers can enjoy hands-free operation directly from their desktop computer using a headset and NBX pcXset PC client software. Internal service people and supervisors can leave their desks and still stay connected via ordinary cordless phones. And, the NBX attendant console provides additional functions and flexibility for telephone operators.

In addition, companies can save money by placing inexpensive analog phones in common areas, such as kitchens and lobbies, easily connecting them to the SuperStack 3 NBX solution via the NBX analog adapter or NBX analog terminal card.

### Computer Telephony Integration (CTI) Services



CTI lets you dial directly from applications, such as Microsoft Outlook.

The SuperStack 3 NBX solution includes TAPI (telephony application programming interface)-enabling software, which allows customers to integrate third-party CTI programs for advanced office applications. For example, companies can use contact management and database applications that allow customer service and order entry personnel to receive instant screen "pop-ups" of customer records with incoming calls. Also, CTI enables on-screen point-and-click calling directly from the computer.

### Flexible Call- Routing and Management

Whether a business operates a formal call center or an informal sales group, timely and efficient inbound call-management is key to continued success and customer satisfaction. The SuperStack 3 NBX networked telephony solution supports these critical needs with an array of sophisticated call- routing and call-management features.

## Take advantage of call center capabilities

### **Multiple and Multilevel Automated Attendant**

When callers reach an automated attendant, multilevel menus let them identify and select their calling destination as quickly as possible. Using the NBX NetSet administration utility, organizations can create up to 20 levels of main menus and submenus, enabling callers to quickly route themselves to the appropriate individual or department.

SuperStack 3 NBX solution customers can also customize inbound routing by creating up to 99 automated attendants, each with its own custom greeting, main menu, and submenu selections. This lets organizations segregate traffic by office location, department, or division. Even two businesses sharing office staff can have their own automated attendants.

### **Programmable Hunt and Calling Groups**

The SuperStack 3 NBX networked telephony solution includes built-in linear and circular hunt groups with up to 48 groups for call center applications, such as customer service, technical support, and order entry. With linear hunting, users are organized into groups that share a common group extension. Inbound calls are handled following a sequential, predefined (top down) order. In circular hunt groups, calls are delivered automatically to the next available group member; this helps guard against missed calls and ensures that all users share the call load. If no group member is available, the system stacks callers in a queue or provides alternate coverage.

### **Call Center Expansion**

Should the sophistication of your call center needs grow, the system can expand to incorporate the advanced, automatic call distribution function of the NBX Call Center or the integrated phone, as well as Web, e-mail, and fax, customer interaction solutions of 3Com Contact Advantage™, a leading integrated IP-contact solution.

### **Migration Path to Converged Networks**

The best products are those that satisfy today's needs while giving customers the freedom and flexibility to integrate new applications in the future. The SuperStack 3 NBX networked telephony solution satisfies these needs by providing an easy migration path to converged networks. This path is a logical first step for companies looking to integrate key components of their voice and data networks today with a foundation for migrating to a single, cohesive, and cost-effective infrastructure in the future.

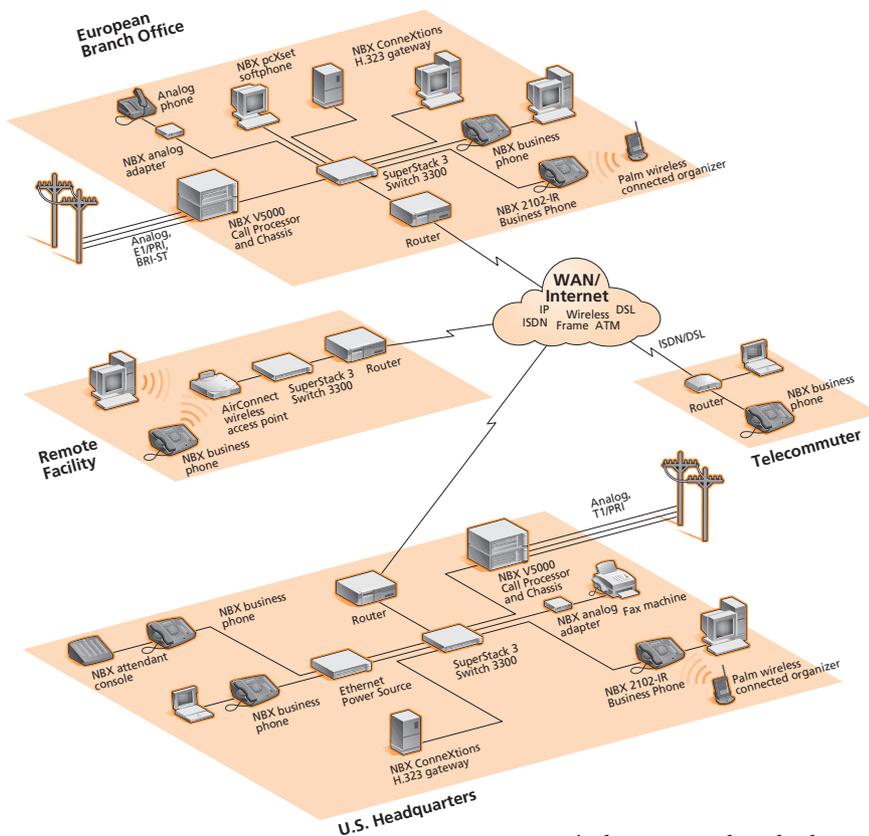
## Typical Integrated Applications

### **Small Office/Branch Office/Telecommuter Connectivity**

The SuperStack 3 NBX networked telephony solution is the ideal way for companies to provide full-featured, comprehensive telephone services, coupled with traditional LAN and Internet access, to remote offices and telecommuters.

The SuperStack 3 NBX solution eliminates the need for a dedicated PBX system at each remote office. Instead, remote offices can connect their NBX business phones via an IP router to their SuperStack 3 NBX solution that resides on a WAN at corporate headquarters. Besides reducing costs and simplifying administration, this solution gives remote users equal access to the

## SUPERSTACK® 3 NBX NETWORKED TELEPHONY SOLUTION



Connect multiple sites and remote workers

company's data network, telephony, and messaging services. Likewise, telecommuters can connect to headquarters via a virtual private network for real-time telephony and voice messaging.

### Headquarters and Satellite-Office Connectivity

#### Branch-to-Branch IP Dialing

You can create uniform dialing plans between offices using traditional multisite networking such as T1/E1 PRI QSIG or T1 clear-channel signaling. Or you can take advantage of low-cost, high-quality Voice over IP (VoIP) across your WAN or the Internet by installing 3Com NBX ConneXtions H.323 gateways between sites.

With NBX ConneXtions gateways, companies can replace costly tie-line facilities between locations and reroute intra-company telephone calls over their WAN backbones, further leveraging their WAN investments.

## SuperStack® 3 NBX Networked Telephony Solution Components

### SuperStack 3 NBX V5000 Call Processor



The SuperStack 3 NBX V5000 call processor supports up to 750 devices (including up to 360 PSTN lines) and functions as a call processor, voice mail server, IMAP 4 server, and Web server. Built-in features include:

- Two resilient switched 10/100 LAN uplink ports with fail-over service
- One universal autosensing 110/220 V, 50/60 Hz power supply (power lead must be requested on order)
- Primary system hard disk (disk mirroring kit sold separately)
- Standard connectors for "music-on-hold" and external paging features
- System device and key-code upgrade options for devices ranging from 250 to 500, 250 to 750, or 500 to 750
- Three base models—
  - 250 devices plus one universal power supply
  - 250 devices plus dual resilient universal power supplies
  - 750 devices plus dual resilient universal power supplies

### SuperStack 3 NBX V5000 Call Processor, Disk Mirroring Kit

The SuperStack 3 NBX V5000 call processor disk mirroring kit is an optional upgrade that creates a duplicate copy of the primary system disk's database and message store. It provides additional protection by ensuring fail-over protection in the event the primary system disk ceases to operate.

### SuperStack 3 NBX V5000 Chassis



Shown with optional cards

The SuperStack 3 NBX V5000 chassis is a compact, four-slot unit that can be mounted in a standard 19-inch data rack. It includes the following features:

- Two resilient switched 10/100 LAN uplink ports with fail-over services
- One 10 Mbps shared Ethernet uplink port for legacy network integration
- Supports entire suite of NBX interface cards and system modules
- Universal autosensing 110/220 V 50/60 Hz power supply (power lead must be requested on order)
- 3Com SuperStack II Advanced Redundant Power System uplink connector

### NBX Business Phone



The 3Com NBX business phone provides an advanced, multiline telephone set with easy-to-use, advanced features and functions available at the push of a button. Available in gray and white, the NBX business phone comes in three models featuring the following:

- Built-in speakerphone with hands-free answer services with mute
- Two line, 16 or 24 character LCD with Caller ID support
- LCD internal directory dialing via "soft" keys
- Wireless infrared communications port to enable dialing from Palm OS-based organizers (NBX 2102-IR model only)

- 10/100 Ethernet or Fast Ethernet connectivity (NBX 2102 and NBX 2102-IR models), or 10 Mbps shared Ethernet connectivity on the NBX 1102 series
- One-button access to voice-messaging services
- 18 programmable buttons (6 with LEDs) for features such as line appearances or speed-dial
- 10 preprogrammed button services including Hold, Transfer, Conference, and Program
- Ethernet-device connectivity port for connecting a computer to the same 10/100 switched Ethernet connection (NBX 2102 and NBX 2102-IR) or to a shared hub port (NBX 1102)

### 3Com NBX 1105 Attendant Console



NBX business phone and attendant console

The 3Com NBX 1105 attendant console is a full-function Direct Station Select (DSS) and Busy Lamp Field (BLF) adjunct that lets you manage calls for an entire organization from a central location. Standard features include:

- 50 programmable buttons with LEDs
- Two-level (high/low) programmable memory with shift key
- Four additional programmable buttons for frequently-used functions
- Standard 10BASE-T LAN connection

Programmable features include the following:

- DSS support
- BLF status for extensions
- Support for both unannounced (blind) and announced transfer
- CO line appearances
- Speed dials—personal and systemwide paging zones

**NBX Complement Attendant Software**



This software solution, for Windows 95/98/ME/2000/NT, offers telephone operators another powerful way to tap into SuperStack 3 NBX solution capabilities. Using a mouse, keyboard, and NBX business phone (with or without an attached NBX attendant console), the receptionist can easily answer and transfer calls from their Windows-based PCs. Additional features let users quickly locate employees listed in the directory using search parameters such as Name and Department.

**NBX pcXset Client Software**



3Com NBX pcXset PC telephone client software, for Windows 95/98/2000/NT, enables users to enjoy all the features and functions of the SuperStack 3 NBX networked telephony solution directly from their desktop computers, without using a telephone. Users can place and receive calls directly from their PCs using a headset, mouse, and keyboard. Ideally suited for call centers and informal call groups, pcXset software provides the same

features and user interface as the NBX business phone; and it enables shortcut keys for speedy call-handling.

**NBX Analog Adapter**



This adapter connects one analog 2500 series single-line (corded or cordless) phone, a Group 3 fax machine, or an external alert or bell to the SuperStack 3 NBX networked telephony solution. Features include:

- One RJ-11 port
- One RJ-45 connection port
- 10 Mbps shared Ethernet hub port to connect an Ethernet-ready device to the network
- Supports switch-hook transfer services
- Supports voice mail, off-site notification, and hunt/calling groups

**NBX ConneXtions Gateway**

NBX ConneXtions is an H.323 gateway that enables the SuperStack 3 NBX networked telephony solution to connect via IP networks to other telephone systems equipped with H.323 gateways. This provides the benefits of a traditional telephone tie-line and off-premise extension circuits at reduced costs. Unlike other H.323 gateways, NBX ConneXtions enables audio to travel as data packets throughout the LAN and across the WAN, thus eliminating multiple digital-to-analog conversions. Other H.323 clients can log in to the gateway and be recognized by the SuperStack 3 NBX solution.

## Boost business with powerful messaging services

### Advanced PowerMail eXchange™ (APX) Messaging System



Using standard applications such as Microsoft Outlook Express, you can manage your voicemail messages just like you do your email messages.

Every SuperStack 3 NBX networked telephony solution includes the APX messaging system, a powerful software system used for call-answering, routing, and messaging. In addition to conventional telephone messaging services, the APX system supports unified messaging, which provides users with a single, universal inbox for both voice and e-mail. With unified messaging, users can access, scan, play, and save voice messages on their computers using any IMAP4-compatible e-mail client, such as Microsoft Outlook Express or Eudora. The SuperStack 3 NBX solution ships with four automated-attendant ports and 400 hours of voice message storage. The system can expand to support up to 72 automated attendant ports via simple software upgrades.

### Automated Attendant Module

The APX automated attendant module is designed to answer every incoming call or serve as a backup when no one is available to answer. Callers can dial by extension, name, or department.

With the APX module, you can generate a set of custom greetings and activate the appropriate one based on the time of day. The module is designed to answer calls quickly and move them through the system

without delay. Because it can answer as many as 12 calls simultaneously, it allows growing businesses to respond effectively to fluctuating call volumes without adding staff. The module also supports both multiple and multilevel automated attendant operations, enabling users and departments to set up custom greetings for incoming calls and custom routing to suit their needs.

The module includes the following features:

- Up to 99 automated attendant greetings per system
- Up to 20 submenus per automated attendant "trees"
- Up to 9 menu choices per automated attendant menu
- Programmable automated attendant "trees" via the NetSet administration utility
- NetSet setup and testing to ensure proper configuration before implementation

### APX Voice Messaging Module

The APX messaging module uses personal greetings to answer calls when a user is unavailable. Administrators can program the system to forward callers to the APX messaging system immediately or after two to eight rings.

#### Message Notification and Retrieval

The APX system alerts users to new messages via an LED message-waiting light on the NBX business phone and via the phone's built-in display, which tells the user the number of new and saved messages. Retrieving messages is as simple as pressing the MSG button and entering a password.

#### Off-Site Notification and Retrieval

The APX system notifies users of new or urgent messages via a pager, telephone, or cellular phone. Voice messages can be retrieved easily using any touchtone telephone.

**User Control**

With APX messaging, users maintain individual control over calls and messages. Users can set up their own mailboxes, create personal greetings, and manage new and old messages using options such as Save, Delete, Reply, and Forward, and attaching private and/or urgent labels to those messages. Users can also address messages by name, extension, or distribution list for sending fast and easy messages to groups of coworkers. The SuperStack 3 NBX networked telephony solution even notifies you of new messages via alternate numbers, including your pager.

**NBX Interface Cards****NBX Analog Line Card (4-port)**

- Connects up to four Loop Start PSTN telephone lines via RJ-11 interfaces
- Supports Caller ID services—where available and purchased separately from a regional Bell operating company
- Provides an RJ-11 power failure "cut-over" port
- SuperStack 3 NBX solution supports a maximum of 90 cards

**NBX T1/PRI Trunk Card**

- Connects a T1 circuit to the SuperStack 3 NBX solution
- Supports up to 24 DSO (T1) voice channels per card
- RJ-45 PSTN interface
- Supports E&M T1 (standard T1) or ISDN PRI signaling services
- Framing types: ESF, multiframe with CRC4, double frame (multiframe without CRC4), F4, F12, F72
- Line-coding types: B8ZS, AMI, HDB3
- CO switch protocol types: AT&T 5ESS custom, DMS custom, National ISDN NI-1, National ISDN NI-2, basic QSIG ("slave" only mode)

- SuperStack 3 NBX solution supports a maximum of 12 T1 cards
- Supports PRI/QSIG "basic slave" signaling (clocking required from CO or third-party PBX)

**NBX E1/PRI Trunk Card**

- Supports E1 connectivity via PRI signaling
- Framing types: multiframe with CRC4, double frame (multiframe without CRC4)
- Line-coding types: B8ZS, AMI, HDB3
- CO switch protocol types: ETSI, basic QSIG ("slave" only mode)
- Supports 30 voice channels per card
- RJ-45 PSTN interface
- SuperStack 3 NBX solution supports a maximum of 12 E1 cards
- Supports PRI/QSIG "basic slave" signaling (clocking required from CO or third-party PBX)

**NBX BRI-ST Trunk Card**

- Connects up to eight ISDN BRI-ST circuits (2B+D) to the SuperStack 3 NBX solution
- Supports up to eight concurrent voice channels per card
- Four RJ-45 PSTN interfaces
- Supports digital Caller ID services
- CO switch protocol types: ETSI or manual TEI
- SuperStack 3 NBX solution supports a maximum of 45 cards

**NBX Analog Terminal Card (4-Port)**

- Connects up to four analog 2500 series single-line (corded or cordless) phones, a Group 3 fax machine, and external alert or bell
- Supports voice mail, off-site notification, and hunt/calling groups
- Includes four standard RJ-11 ports
- Supports switch-hook transfer services
- Supported by NetSet administration utility and APX call-coverage

## Make changes easily with Web-based administration

### NBX 10BASE-T Hub Card (8-port)

- Features eight 10 Mbps shared Ethernet ports and RJ-45 interfaces
- Cost-effective, single box deployment for single sub-LAN locations

### NetSet Administration Utility

#### Administrative Programming

The NetSet utility guides administrators through the process of setting up the system and performing all administration tasks step by step. Using a graphical interface, administrators can set up a user's extension number, class of service, button mappings, call privileges, and CDR tracking. In addition, administrators can:

- Create and change up to 99 system wide speed dials
- Add or modify call answer, routing destinations, and coverage options on a systemwide basis
- Add or modify call-forwarding services to ensure that all calls are answered promptly
- Change system parameters
- Perform troubleshooting
- Program the APX system
- Set up "hunt" and "calling" groups
- Program multiple, multilevel automated attendants

### User Programming

With the NetSet utility, users can perform the following tasks from their Web browser:

- Set and change passwords
- Assign and change one-touch speed-dials
- Create and change up to 100 personal speed-dials
- Create and change BLF services
- Select from among nine different ringer tones or set to "silent ring"
- Find telephone extensions of other users
- Manage new message notification services, including off-site notification to pagers and cellular phones
- Modify call coverage destinations
- Access user manuals online
- View members within their of hunt and calling groups



With a single interface and online documentation, the NBX NetSet administration utility makes the process of managing the phone system easy and convenient for both administrators and users.

## Specifications

### Dimensions and Weight

#### SuperStack 3 NBX V5000 Chassis and Call Processor

Width: 20 in (50.8 cm)  
 Height: 11.5 in (29.21 cm)  
 Depth: 17 in (43.18 cm)  
 Weight: 23 lb (10.35 kg), chassis and packaging;  
 30 lb (13.5 kg), call processor and packaging

#### Language Support

US English, UK English, Australian English, Parisian French, German, Mexican Spanish, Castilian Spanish, Italian, Mandarin Chinese, and Cantonese Chinese

#### Port Connections

Four-port analog (PSTN) line card  
 T1/PRI trunk card to connect a standard T1 circuit  
 E1/PRI trunk card to connect a standard E1 circuit  
 BRI-ST card to connect up to eight ISDN BRI-ST circuits (2B+D)  
 Eight-port 10BASE-T (LAN) hub card  
 Two 10/100 Mbps switched Ethernet uplink ports on the NBX V5000 call processor  
 Two 10/100 Mbps switched Ethernet ports, and one shared Ethernet uplink port on the NBX V5000 chassis

#### SuperStack 3 NBX Solution Capacity

Supports up to 750 devices, but no more than 360 lines

#### SuperStack 3 NBX Solution Requirements

NBX V5000 call processor  
 NBX V5000 chassis  
 NBX PSTN line interface module(s)  
 Appropriate NBX worktop choices  
 Appropriate 10/100 shared and switched Ethernet LAN/WAN infrastructure

#### PSTN Requirement

Network connections: "loop start" analog lines, T1/PRI circuit, E1/PRI circuit, or BRI-ST circuit as required for PSTN connection

#### LAN/WAN Protocol Support

10/100BASE-T, 802.1p/Q, 802.2, 802.3 IP, IP-TOS, H.323,  
 IP router with IP-TOS class of service prioritization services required for IP WAN connections

#### Application Protocol Support

TAPI 2.1, TAPI/WAV, IMAP 4, HTTP

### Bundled Third-Party Software

Microsoft Internet Explorer  
 Microsoft Outlook Express  
 Microsoft Front Page  
 Microsoft NetMeeting

### Management and Training

Built-in NBX NetSet browser-based administration utility and training tool  
 3Com Network Supervisor Version 3.0 network mapping and monitoring administration suite

### Service and Support

Standard voice product line warranty support in effect for two years from time of delivery from 3Com. Call 1 800 NET 3COM for details.

### Power Requirements

Call Processor: 85-264 VAC, 47-63 Hz, 3 A  
 Chassis: 85-264 VAC, 47-63 Hz, 2.5 A

### Power Dissipation

Call Processor: 150 W  
 Chassis: 130 W  
 Phones: 5 W

### Environmental Ranges

Operating temperature: 0 to 40° C (32 to 104° F)  
 Storage temperature: -40 to +70° C (-40 to +158° F)  
 Humidity: 5% to 85% noncondensing

### Configuration

Total system devices: 750 ports (maximum), but no more than 360 CO lines  
 Number of analog lines: 90 cards (maximum)  
 Number of T1 circuits: 12 cards (maximum)  
 Number of E1 circuits: 12 cards (maximum)  
 Number of BRI-ST lines: 45 cards (maximum)

### Standards-Network Access

National Requirements FCC Part 68, Canada CS03 CTR4/A1 (Commission Decision 98/520/EC)

### Safety

UL/CUL 1950 3rd Edition  
 IEC 60950: 1991 + A1, A2, A3 & A4. National deviations for Europe and Australia

### Emissions

FCC Part 15 Class A and B  
 EN 55022:1994/A1:1995/A2:1997 Class A  
 VCCI Class A  
 AS/NZS 3548:1995 Class A

## Ordering Information

### SuperStack 3 NBX V5000 Chassis

Includes one four-slot chassis, autosensing 110/220 V, 50/60 Hz AC power lead, 19-inch rack-mounting ears. 3C10200

### SuperStack 3 NBX V5000 Call Processor 250

Includes autosensing 110/220 V, 50/60 Hz AC power lead, 19-inch rack-mounting ears. Features 2 load-sharing redundant AC inputs. 3C10201

### SuperStack 3 NBX V5000 Call Processor 250-2PWR

Includes autosensing 110/220 V, 50/60 Hz AC power lead, 19-inch rack-mounting ears. Features 2 load-sharing redundant AC inputs. 3C10202

### SuperStack 3 NBX V5000 Call Processor 750-2PWR

Includes autosensing 110/220 V, 50/60 Hz AC power lead, 19-inch rack-mounting ears. Features 2 load-sharing redundant AC inputs. 3C10203

### SuperStack 3 NBX V5000 Call Processor License Upgrades

250 to 500 devices (includes device key-code, 128 MB SIMM) 3C10204  
 250 to 750 devices (includes device key-code, 128 MB SIMM) 3C10205  
 500 to 750 devices (device key-code only) 3C10206

### SuperStack 3 NBX V5000 Call Processor Disk

Mirroring Kit 3C10207

### 3Com NBX 1102 Business Phone

Gray: 3C10121  
 3C10121-UK  
 3C10121-EUR  
 3C10121-ANZ  
 White: 3C10122  
 3C10122-UK  
 3C10122-EUR  
 3C10122-ANZ

## Ordering Information

**3Com NBX 2102 Business Phone** 3C10226A (gray)  
3C10227A (white)

**3Com NBX 2102-IR Business Phone**  
Includes infrared port for Palm Computing  
OS-based organizer CTI and dialing services.  
3C10228IRA (gray)  
3C10229IRA (white)

**3Com NBX Analog Line Card** 3C10114A  
3C10114A-ANZ  
3C10114A-EUR

**3Com NBX T1/PRI Trunk Card** 3C10116C

**3Com NBX E1/PRI Trunk Card** 3C10165A

**3Com NBX BRI-ST Trunk Card** 3C10164A-ST

**3Com NBX Analog Terminal Card** 3C10117A  
3C10117A-UK

**3Com NBX 1105 Attendant Console**  
Gray: 3C10123  
3C10123-UK  
3C10123-EUR  
3C10123-ANZ

White: 3C10124  
3C10124-UK  
3C10124-EUR  
3C10124-ANZ

**3Com NBX Power Adapter Kit** 3C10125  
3C10125-UK  
3C10125-EUR  
3C10125-ANZ

**3Com Ethernet Power Source**  
12-port 3C10220  
24-port 3C10222  
One NBX telephone power splitter is required per  
NBX business phone for use with Ethernet Power  
Source.

**3Com NBX Telephone Power Splitter, 12-pack**  
3C10223

**3Com NBX Analog Adapter** 3C10120  
3C10120-UK  
3C10120-EUR

**3Com IP Site License**  
Requires key-code for activation.  
3Com NBX IP Site License 3C10131  
3Com NBX IP On-The-Fly Site License 3C10132  
3Com IP On-The-Fly upgrade from IP Serve 3C10133  
License requires one IP address per MAC address  
(all devices and CO ports).

**3Com NBX ConneXtions Licenses**  
The following require a key-code for activation:

2-port license	3C10141
4-port license	3C10142
8-port license	3C10143
16-port license	3C10144
32-port license*	3C10147
64-port license*	3C10148
100-port license*	3C10149

**3Com NBX pcXset Licenses**  
The following require a key-code for activation:

3-user license	3C10151
10-user license	3C10152
25-user license	3C10153
Unlimited-user license	3C10154

**3Com SuperStack 3 NBX APX Voice-Mail Upgrades**  
The following require a key-code for activation:

4-port to 6-port	3C10211
4-port to 12-port	3C10212
4-port to 24-port	3C10213
4-port to 48-port	3C10214
4-port to 72-port	3C10215
6-port to 12-port	3C10217
6-port to 24-port	3C10218
6-port to 48-port	3C10190
6-port to 72-port	3C10191
12-port to 24-port	3C10193
12-port to 48-port	3C10194
12-port to 72-port	3C10195
24-port to 48-port	3C10197
24-port to 72-port	3C10198
48-port to 72-port	3C10237

**NBX .WAV Application Ports\***

2-port	3C10260
4-port	3C10261
8-port	3C10262
16-port	3C10263
24-port	3C10264
48-port	3C10265
96-port	3C10266
750-port	3C10267

**3Com NBX Business Set User Guide 5-pack**  
3C10171

**3Com SuperStack 3 NBX Resource Pack CD-ROM**  
3C10185

**3Com SuperStack 3 NBX Resource Pack**  
Includes manuals, CD-ROM and user guides  
3C10186

**3Com NBX Business Set Quick-Reference Card**  
5-pack 3C10175

**SuperStack II Advanced Redundant Power System**  
3C16075B

**SuperStack II Advanced Redundant Power System**  
100W, Type 2 power module 3C16074

**SuperStack II Advanced Redundant Power System**  
**Y-Cable** 3C16078

**Ethernet Infrastructure Options**  
3Com Family of Ethernet Switches/Hubs  
The 3Com SuperStack 3 NBX networked telephony  
solution is compatible with the following  
SuperStack products: SuperStack 3 Switches:  
10/100/1000 Mbps; series 1100, 3300, 3900, 4007, 4900  
SuperStack II hubs: dual speed 10/100

**3Com NBX 10BASE-T Hub Card** 3C10115A

\*Requires systems software, revision 3.0 or greater.

3Com Corporation, Corporate Headquarters, 5400 Bayfront Plaza, P.O. Box 58145, Santa Clara, CA 95052-8145

To learn more about 3Com solutions, visit [www.3com.com](http://www.3com.com). 3Com Corporation is publicly traded on Nasdaq under the symbol COMS.

Copyright © 2001 3Com Corporation. All rights reserved. 3Com, NBX, and SuperStack are registered trademarks of 3Com Corporation. The 3Com logo is a trademark of 3Com Corporation. All other company and product names may be trademarks of their respective companies. Printed in U.S.A. on recycled paper 400671-001 03/01

