

# 3COM NBX V3001 ANALOG PLATFORM R6.5

Economical, standards-based IP telephony platform with a range of built-in applications, full feature-set and analog central office trunk interfaces



Standards-based 3Com V3001 Analog platforms offer a comprehensive set of features, all in a compact form factor for particularly cost-effective and practical deployment.

## OVERVIEW

The 3Com® NBX® V3001 Analog platform offers small- and medium-sized organizations moving to a Voice over Internet Protocol (VoIP) architecture a full-featured IP telephony solution. Its ease of use allows non-technical personnel to make individual or system-wide changes with the click of a mouse. The system's ability to scale up to 1,500 devices and to support standards-based protocols, including Session Initiation Protocol (SIP), gives organizations the confidence to choose the NBX solution for their current and future telecom needs.

With a built-in analog gateway interface, the platform can connect up to four analog loop-start central office lines directly to the Public Switched Telephone Network (PSTN), reducing configuration time and its related expense. Additionally, the NBX V3001 Analog solution—in combination with an NBX Expansion Chassis—accommodates further communications options via T1/E1, PRI, analog and BRI trunking.

To increase productivity and reduce operating costs, the solution also features a host of integrated applications, including voice messaging that provides a voice mailbox with auto-setup for every user, call center software that enhances the efficiency of agents in a queue, as well as easy to set-up hunt groups, auto-attendant, supervisory monitoring and call reporting. E-mail integration, supported on any IMAP4-compliant e-mail system, offers the ability to share a common inbox for e-mail and voice messages. Plus, V3001 Analog solutions let organizations centrally manage IP telephony services via the web with the 3Com NBX NetSet™ management application.

## KEY BENEFITS

### PROTECT INVESTMENT WITH MULTIPLE PROTOCOL SUPPORT

NBX V3001 Analog platforms with R6.0 and higher system software can operate in either of two modes: Standard NBX or SIP mode. Standard NBX mode uses the traditional protocol on which six generations of 3Com NBX applications have been built since 1998, while SIP mode allows the platform to communicate with third-party SIP-compliant devices and applications. 3Com's goal of ensuring its customers access to continuously evolving telecom standards, maximizes functionality and the return on investment (ROI) from NBX solutions.

### INCREASE PRODUCTIVITY WITH BUILT-IN NBX AUTOMATIC CALL DISTRIBUTION (ACD)

Call center hotline, help desk and telesales staff work more efficiently with NBX ACD software included in the V3001 Analog platform. Two agent licenses are packaged with each platform and additional licenses are available with key-code activation. Supervisors obtain real-time, up-to-the-minute vital statistics on call center performance via voice monitoring or on their computer screens with PC-based software.

### EASE IP TELEPHONY IMPLEMENTATION

Standards-based design, including switched IEEE 802.3af Power over Ethernet (PoE) support, facilitates seamless integration with existing network infrastructure. The web-based NBX NetSet management utility, hosted by the NBX platform, provides intuitive system configuration that lets organizations avoid the need to train personnel in using command line interfaces or new programming languages.



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## KEY BENEFITS (continued)

### MATCH IP PHONE CHOICES TO ANY APPLICATION AND BUDGET

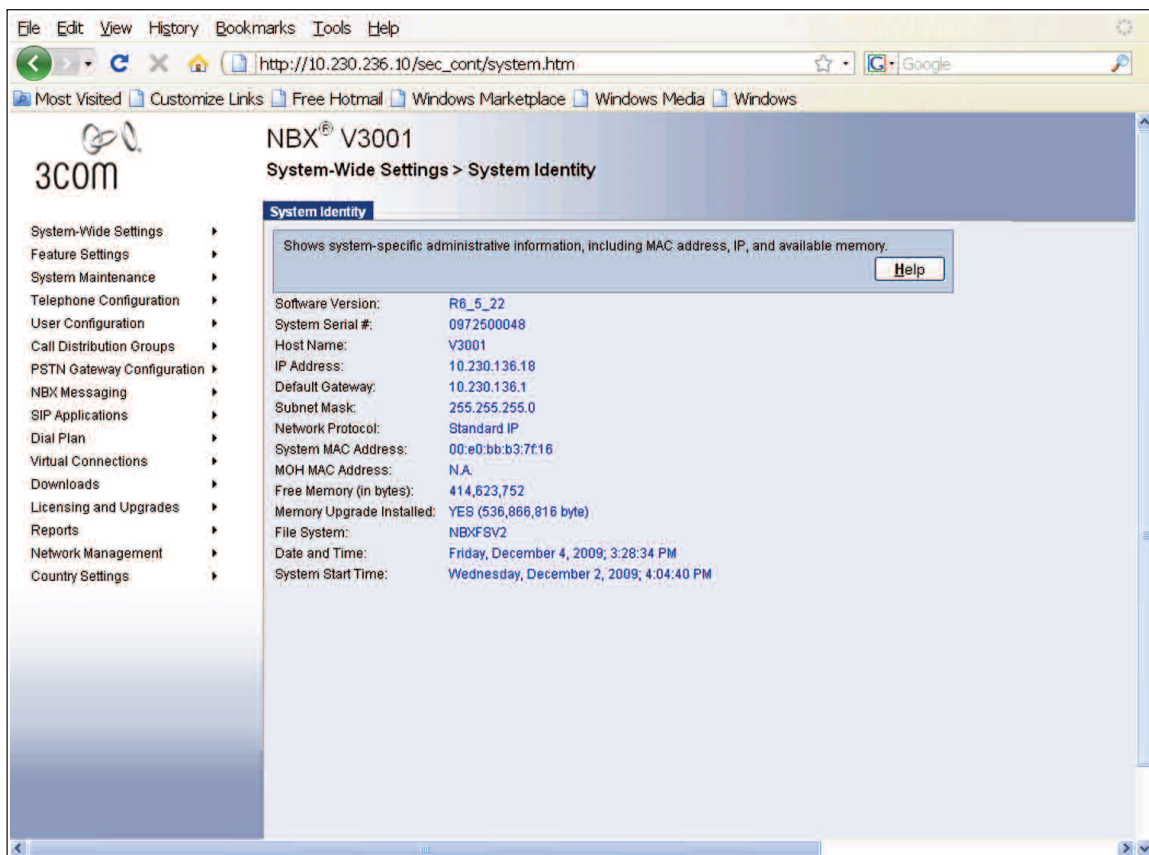
3Com helps organizations leverage existing infrastructure investments by offering a range of IP phone choices, all with robust feature-sets. Options include 10/100/1000 Mbps Ethernet/IP phones, softphones, receptionist consoles and cordless phones that run in either standard NBX or SIP call control mode.

### COST-EFFECTIVELY MEET EVOLVING NEEDS

Organizations can boost capacity or add functionality with practical key-coded software upgrades that let them align their needs and budget. With cost-saving incremental licensing, they can scale their NBX system up to 1,500 devices (lines/stations with maximum of 720 PSTN lines).

### CREATE SEAMLESS MULTISITE VOICE NETWORKS

NBX V3001 Analog solutions connect not only branch sites to corporate offices, but also remote and home office workers to main office convergence services.



The NBX NetSet management interface provides point-and-click setup for the most basic or the most complex telephony features.

## FEATURE SUMMARY

Support for traditional voice and multimedia communications

Embedded applications including voice messaging, auto-attendant, and call center software

Interoperability with SIP-compliant devices, applications, and endpoints

Browser-based NBX NetSet management tool to ease system setup and maintenance

Compliance with Section 508 of the United States Rehabilitation Act that regulates electronic and information technology accessibility for persons with disabilities

Management options that include SYSLOG, SNMP, SNT, NBX Multisite Backup Tool and NBX Dial Plan Editor

Inclusion of 15 phone licenses with base system purchase

Multilingual NBX NetSet end-user support for United States English, Latin American Spanish, Brazilian Portuguese and Italian

## SPECIFICATIONS

### PORT CONNECTIONS

WAN: via external router with IP-ToS support

LAN: two 10/100 uplink ports

### ANALOG DEVICES

Support for 2500 series-compatible analog devices, including cordless phones, fax machines, night bells and door ringers; two FXS port included on a V3001 platform with optional support for additional analog devices via the NBX Expansion Chassis and Analog Station card

### NETWORK, PRIORITIZATION AND AUDIO COMPRESSION STANDARDS

H.323, G.711, G.729a/b, ADPCM, G.722, 802.1d, 802.1p, 802.1q, 802.2, 802.3af, 802.11, IP, IP-ToS, DiffServ, TCP/IP, UDP/IP, DHCP, DNS

### APPLICATION STANDARDS

SIP, TAPI 2.1, TAPI/WAV, iMAP4, HTTP, H.323, SMTP/MIME, VPIM

### MANAGEMENT

Built-in 3Com NBX NetSet utility; 3Com Network Supervisor support

### NBX VOICEMAIL LANGUAGES/ DIALECTS

Chinese (Cantonese), Chinese (Mandarin), English (Australian), English (United Kingdom), English (United States), French (Parisian), German, Hebrew, Italian, Spanish (Castilian), Spanish (Latin American), Russian

### POWER REQUIREMENTS

NBX V3001 Analog platform: 100-120 VAC, 50-60 Hz, 1A

220-240 VAC, 50-60 Hz, 0.5A

### POWER DISSIPATION

NBX V3001 Analog platform: 50 W

IP Phones: 8 W (maximum)

### CHASSIS/CALL PROCESSOR DIMENSIONS AND WEIGHT

Height: 4.445 cm (1.75 in)

Width: 48.815 cm (17.25 in)

Depth: 37.465 cm (14.75 in)

Weight: 5.68805 kg (11.54 lb)

### 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

### NETWORK ACCESS STANDARDS

National Requirements FCC Part 68 (United States), CS03 (Canada),

### SAFETY

UL 60950-1: 27 March 2007

CSA 22.2 No. 60950-1-07: 2007

EN 60950-1: 2006

IEC 60950-1: 2005 Edition 2

AS/NZS 60950-1: 2003/ + Amendment 1: 2006

### EMISSIONS

FCC Part 15 Class A

EN 55022: 1994/A1, 1995/A2, 1997/ Class A

RoHS-compliant

### IMMUNITY

EN 55024: 1998

## ORDERING INFORMATION

### PRODUCT DESCRIPTION

### 3COM SKU

NBX V3001 Analog Platform R6.5	3CR10800A
NBX Single-Site Upgrade to R6.0 (includes right-to-use licenses and keys for R4.2,R4.3,R5.0 and R6.0)	3C10503
NBX V3001 512 MB Memory Upgrade Kit (required for more than 250 device licenses and/or to enable SIP)	3C10245

Visit [www.3com.com](http://www.3com.com) for more information about 3Com network solutions.

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