



The Gateway to converge IP Multimedia Communications



Transforming **ENTERPRISE COMMUNICATION** with **NEXT-GENERATION CAPABILITIES**

Enabling a gamut of advanced features based on next-generation SIP, H.323, MGCP Protocols, it offers technology versatility, cost-efficiency and extreme flexibility blended with desired scalability. Clad with a variety of rich and flexible features, the solution supports a range of IP Phones, Analog Gateways as well as ATA Devices. Moreover, Neox IP-PBX also easily integrates with your current network environment.

Neox IPPBX is a cost-effective hybrid VoIP solution that enables enterprises to offer cutting-edge, secure and reliable IP-PBX features & functionality over packet and circuit based networks. Its powerful yet user-friendly interface facilitates secure user authentication and authorization, thus allowing customers to self-provision services as per individual requirement. Enterprise system administrators can also monitor calls and track billing by extensions in real-time.

Product Highlights

Location independent IP-Phone connectivity

Neox IP-PBX solution provides secure, reliable PBX functionality including an extension dialing program, call transfer, three-way calling, call forwarding, voice mail, and global follow-me. The extensions can be set up in virtually any locations i.e. Remote employees can use the company's IP-PBX network and their own extensions wherever they roam globally.

Intuitive Controls for Enterprise Managers and Individuals

Enterprise employees can use global follow-me to schedule call forwarding to other advanced SIP extensions, to mobile phones, or to voice mail to ensure access to inbound calls at all times. Voice Mail messages can be retrieved through a web interface or sent to the individual's email address. An auto-attendant feature ensures that all inbound calls are answered and routed properly.

Unified Messaging Solution

The solution provides integrated Voicemail, Fax, Email Notification and Instant Messaging features. Voicemails and Faxes can be merged with email by getting them delivered to your inbox. Instant Messaging allows real-time, direct, text-based communication between two or more users.

Cost-saving LCR functionality

With Least Cost Routing always use the call route with the lowest cost rating.

Interactive Voice Response (IVR) Server

This IVR system can respond with a pre-recorded audio to enable automatic call answering without Human Intervention.

Call Recording

Record all or specific calls either passively or on - demand. Administrators can configure and playback the recorded files through GUI. It ensures high level of customer satisfaction and improved employee productivity while also meeting legal requirements.

Conference Bridge

A built-in conference bridge component allows users to effortlessly host multiple callers on a dial-in bridge at no extra cost.

Security

Adequate security readiness with RADIUS authentication, Account and Password management with multiple privilege levels, Encrypted access and secure interface (SSL, SSH, HTTPS), SIP trunk authentication and -Basic Firewall with content filtering

Web-Management Console for system monitoring & subscriber provisioning

Neox IP-PBX facilitates effortless configuration and maintenance through its user friendly web-based interface facilitating a secure user authentication and authorization.

Reliable Linux Operating System

Neox IP-PBX solution runs on a reliable Linux operating system, which increases security, provides ease of administration to linux-savvy administrators and reduces the solution cost.

Automatic Call Distribution (ACD)

The solution has the intelligence to enable distribution of incoming calls to specific group of agents. It also enable enterprise to advertise their offerings to customers, using pre-defined IVR.

Networking

The system supports private networking over SIP or PRI trunks, QSIG Networking and SIP Trunking to low-cost PSTN

Scalability

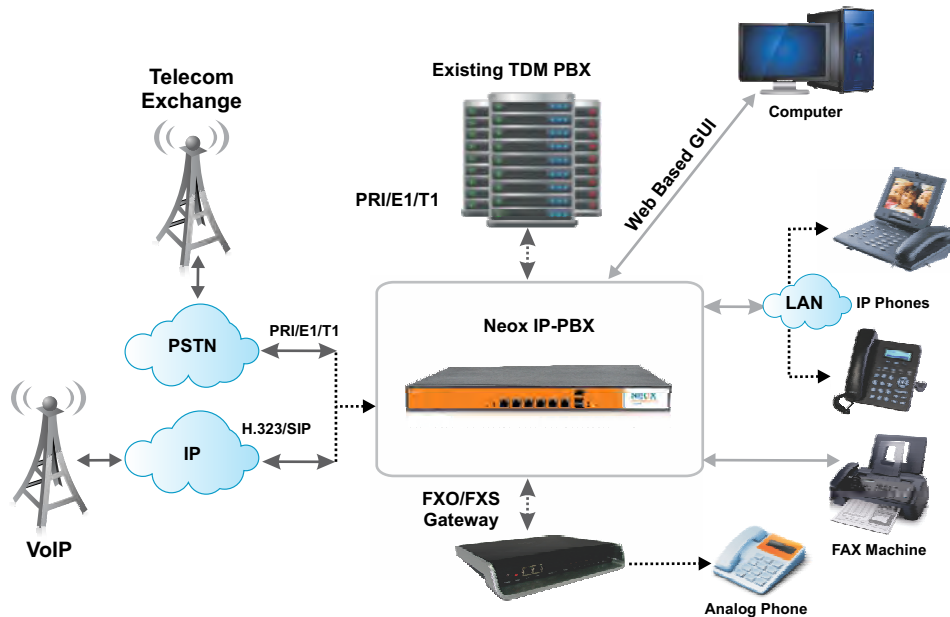
Scalable to 2000 concurrent ports, in a single box; grow at your own pace with a customized solution to your specific needs.

Subscriber Portal

It allows user to configure and customize features as per their requirement.

Seamlessly integrate into your existing Telephony Architecture

IP - PBX Deployment

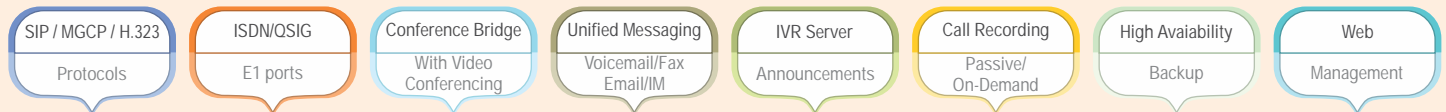


Neox IP-PBX Variants



Configuration	Neox Plus	Neox Advance
Number of SIP Trunks	10	10
Number of E1 (ISDN & QSIG)	0/1/2	0/1/2/4
Max number of SIP Subscribers	50-400*	Upto 2000*
Concurrent Calls VoIP <-> E1	0/30/60	0/30/60/120
Number of Conference Channels	40	40
Voicemail	Yes	Yes
Message Waiting Indication	Yes	Yes
Voicemail to Email	Yes	Yes
Business Features	Yes	Yes
Voice Recording	Yes	Yes
Automatic Schedule Conference	Yes	Yes
Dimensions - H * W * D (mm) Net	45 * 440 * 290	-
Dimensions - H * W * D (mm) Gross	190 * 680 * 430	-
Weight Net / Weight Gross	4.7 kg / 8.07 kg	-

*System performance varies based on No. of 3rd Party Integration Interfaces & Environment



Technical Specification

- **Extensions**
 - › IP Phone / ATA Extensions
 - › Analog Gateway
- **Trunk Interface**
 - › VoIP SIP, H.323
 - › T1/E1 Phone Lines
- **Mobility Features**
 - › Find me / Follow Me
 - › Click to Dial
 - › Voice / Fax to Email
 - › Call Forward
 - All
 - Busy
 - No answer
 - Based on time
 - Selective
 - › Call Forward
- **Call Control**
 - › Automatic Call-back
 - › Automatic Call Distribution
 - › Hold
 - › Attendant Transfer
 - › Blind Transfer
 - › Call Parking
 - › Do Not Disturb
 - › Direct Inward Dial (DID)
 - › Call Waiting
 - › Caller ID
 - › Group Pickup
 - › Extension dialing Plan
 - › Call Restriction
 - › Three-way calling
 - › Call Barring

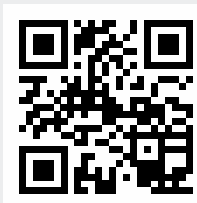
- › Hunt Groups (Sequential, Random, Simultaneous)
 - › Account codes
 - › Calling Card
 - › Subscriber Provisioning
 - › White list specific set of IP addresses
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- **Dimensions and Form Factor**
 - › Height: 1.7" (43mm)
 - › Width: 17.2" (437mm)
 - › Depth: 25.6" (650 mm)
 - › Form Factor: 1U Rackmount chassis
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- **Voicemail**
 - › Flexible Voicemail Access
 - › Voicemail to Email
 - › MWI – Message Waiting Indication
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- **Conferencing**
 - › Meet Me Conferencing
 - › Adhoc Conferencing
 - › Automated Schedule Conference
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- **Music on Hold**
 - › Custom Music on Hold
 - › Music on Hold
 - › Multiple Language Support
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- **Call Logging and Reporting**
 - › Managerial Dashboard
 - › Passive and On-demand Call Recording
 - › Active Calls › Active Endpoints
 - › Call Logs › Call Data Reporting
-
- **Web Interface**
 - › System & Subscriber Provisioning
 - › Viewing Call Details › Fault Management
 - › PBX Element Management System
 - › Subscriber Portal

- **Other Features**
 - › IAD / CPG centralized auto-provisioning
 - › Scheduled Global Follow-Me (Hours and Days)
 - › Least cost routing › NAT Traversal
 - › CDR for incoming and outgoing call analysis
 - › Speed Dialing
 - › Active Phone Directory › Video Calling
 - › Interconnecting VoIP networks and PSTN
 - › SNMP based Alert Management
 - › Instant Messaging › High Availability
 - › Logical Partitioning
 - › IP Phone Auto Provisioning
 - › Transcoding (Optional)
 - › Video Conference Integration (Optional)
 - › Lync Integration (Optional)
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- **Operating Environment/Compliance**
 - › RoHS: RoHS Compliant
 - › Operating Temperature: 10° to 35° C (50° to 95° F)
 - › Non-operating Temperature: -40° to 70° C (-40° to 158° F)
 - › Operating Relative Humidity: 8% to 90% (non-condensing)
 - › Non-operating Relative Humidity: 5 to 95% (non-condensing)

About Elitecore Technologies

Elitecore Technologies is a global IT company, providing Billing & Revenue Management Solution, Carrier Wi-Fi Solution and Core Network Session Control Softwares. Elitecore Technologies is a part of Sterlite Technologies Limited, a leading global provider of solutions for the high-speed data transmission and power transmission networks.

Elitecore's enterprise line of business offers Neox VoIP Solution available in different range of appliance models that enables Next Generation Voice Services offered to ISP, Small and Medium Enterprise, Call Centres, ITes and Telcos over Wireline and Wireless Networks. Neox has more than 100 installations in India and abroad. For more information visit www.neoxsolution.com



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