




## 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, G.711 u-law, a-law, G.729, H.264 and H.263 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 & call processing 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 usage by extensions in real-time. Neox is ISO Certified Product 27001 : 2013, ISO 14001:2004, ISO 9001:2008.

### 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

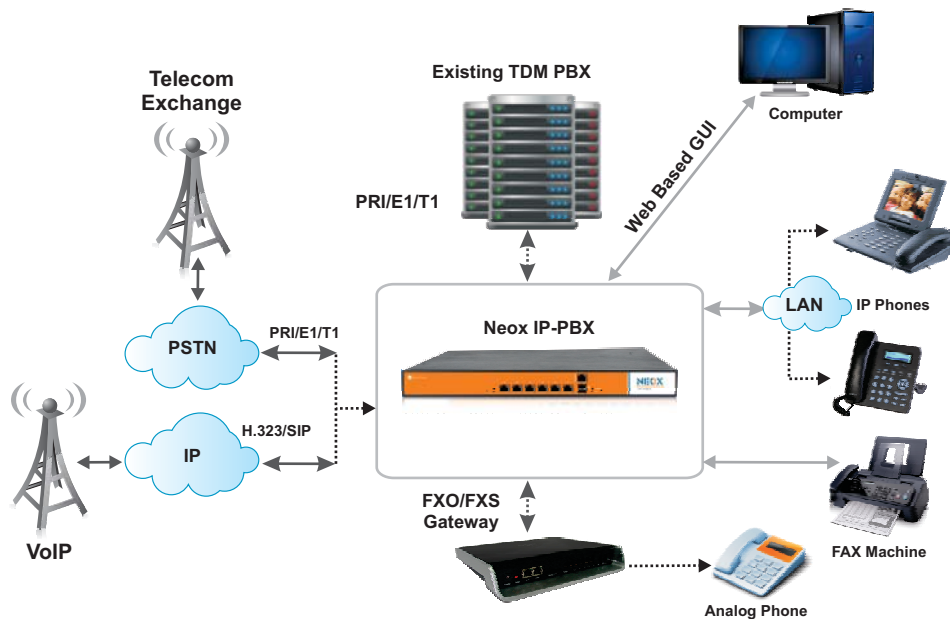
Scalable to 10000 users, in a single box; grow at your own pace with a customized solution to your specific needs.

### Subscriber Portal

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

### Seamlessly integrate into your existing Telephony Architecture

## IP - PBX Deployment

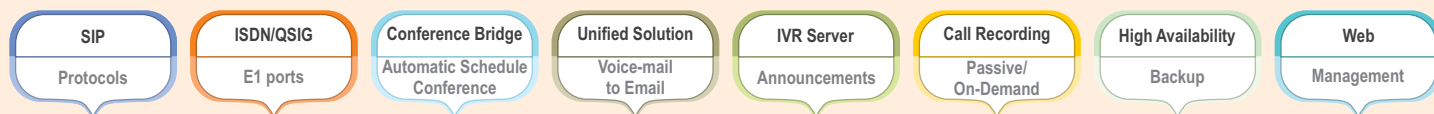


## Neox Variants



Configuration	Neox Plus	Neox Advance	Neox 1500iX
SIP Trunk Support	Yes	Yes	Yes
Number of E1 (ISDN & QSIG)	0/1/2/4	0/1/2/4/8	0/1/2/4/8
Max number of SIP Subscribers	50-400*	Upto 2000*	Upto 10000*
Max number of Call Center Agents	Upto 30	Upto 120	Upto 200
Concurrent Calls VoIP <->E1	0/30/60/120	0/30/60/120/240	0/30/60/120/240
Number of Conference Channels	40	70	100
Voicemail	Yes	Yes	Yes
Message Waiting Indication	Yes	Yes	Yes
Voicemail to Email	Yes	Yes	Yes
Business Features	Yes	Yes	Yes
Voice Recording	Yes	Yes	Yes
Automatic Schedule Conference	Yes	Yes	Yes
Dimensions - H * W * D (cm) Net	5 *44 *30	5 *44 *49	4*440*360
Weight Net	4.73 kg	8.7 kg	5kg
Hardware Specification	Intel E5 Family, Dual core processor, 4GB RAM, 320GB HDD, CPU:2.6GHz or above, Power supply 220 Vac	Intel E5 Family, Quad core processor, 8GB RAM, 500GB HDD, CPU:2.6GHz or above, Power supply 220 Vac	Intel E5 Family, 16 core processor, 16GB RAM, 1TB HDD, CPU:2.6GHz or above, Power supply 220 Vac
NEOX Model No	NP-001-P0/P1/P2/P4	NADV-001-P0/P1/P2/P4/P8	N1500i-001-P0/P1/P2/P4/P8

\* System performance varies based on concurrent recording sessions, No. of 3 Party Integration Interfaces & Environment



## Technical Specification

- **Extensions**
  - › IP Phone / ATA Extensions
  - › FXO / FXS / GSM gateways
  - › Answer and release, hands-free, speaker phone, Softphones
- **Trunk Interface**
  - › VoIP SIP, H.323, G.711 mu-law, a-law, G.729, H.264 and H.263
  - › T1/E1 Phone Lines   › IPv4/IPv6 support
- **Mobility Features**
  - › Extension mobility support via Mobile SIP Client for Android and iPhones
  - › Find me / Follow Me
  - › Voice / Fax to Email
  - › Click to call
- **Call Control**
  - › DOD
  - › Hotline (Boss-secretary feature support via SIP endpoints)
  - › Call Forward (off net and on net)
    - All, Busy, No answer, Based on time, Selective
  - › Automatic Call-back on busy/no reply
  - › Automatic Call Distribution
  - › Call Hold and retrieve
  - › Attendant Transfer
  - › Blind Transfer
  - › Call Parking
  - › Do Not Disturb

- › Direct Inward Dial (DID)
- › Call Waiting
- › Caller ID
- › Group Pickup
- › Customize Extension dialing Plan, system and device configuration
- › 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
- › Call Monitoring, Whispering and Barge-in
- **Form Factor** › Form Factor: 1U Rackmount chassis
- **Voicemail** › Flexible Voicemail Access
- › Voicemail to Email
- › MWI – Message Waiting Indication
- **Conferencing** › Meet Me Conferencing
- › Adhoc Conferencing
- › Automatic Schedule Conference
- **Music on Hold** › Custom Music on Hold
- › Music on Hold
- › Multiple Language Support
- **Call Logging and Reporting** › Managerial Dashboard
- › Passive and On-demand Call Recording
- › Active Calls window displaying state, call duration and caller/callee number
- › Active Endpoints
- › Call Logs
- › Call Data Reporting based on records, calls on a user(extension) basis, system wise, calls through gateways etc. downloadable in PDF, excel or .csv format
- **Web Interface** › System & Subscriber Provisioning
- › Viewing Call Details › Fault Management
- › PBX Element Management System
- › Subscriber Portal › HTTP support
- **Other Features** › Scheduled Global Follow-Me (Hours and Days)

- › Least cost routing › NAT Traversal
- › CDR for incoming and outgoing call analysis
- › Call Paging - Manual or IVR driven
- › Speed Dialing
- › Active Phone Directory › Video Calling
- › Interconnecting VoIP networks and PSTN
- › SNMP based Alert Management
- › Instant Messaging (chat) & Presence
- › High Availability › Logical Partitioning
- › IP Phone Auto Provisioning
- › SIP Video Conference Integration (Optional)
- › provision of bulk add and delete operations on devices and users
- › Alternate Automatic Routing and Auto route selection
- › In-built 3 party video conferencing
- › Abbreviated Dial
- › Distinctive rings and Caller Tune
- › FTP support to archive CDR and recording files
- › SIP Based IP speaker integration
- › Time of day/day of week routing
- › Backup and restore
- › Call Admission Control
- › Multi-location connectivity over existing VPN/MPLS/P2P network

- **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 SterliteTech

Sterlite Technologies' Telecom Software Division – SterliteTech is a global IT product and service provider. It offers pre-integrated BSS, Packet-core, Carrier Wi-Fi solution and enterprise solutions. SterliteTech'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](http://www.neoxsolution.com)



Delivering Smarter Networks

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