



Ample Trails



ETERNITY NENX

UC Platform for SOHO & SMB

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- NENX Introduction
- Product Overview
- Product Feature Set
- Technical Specifications



Challenges of SMB & SOHO

- Productivity
- Reliability
- Complexity
- Reachability for Remote Employees
- Costly Solutions

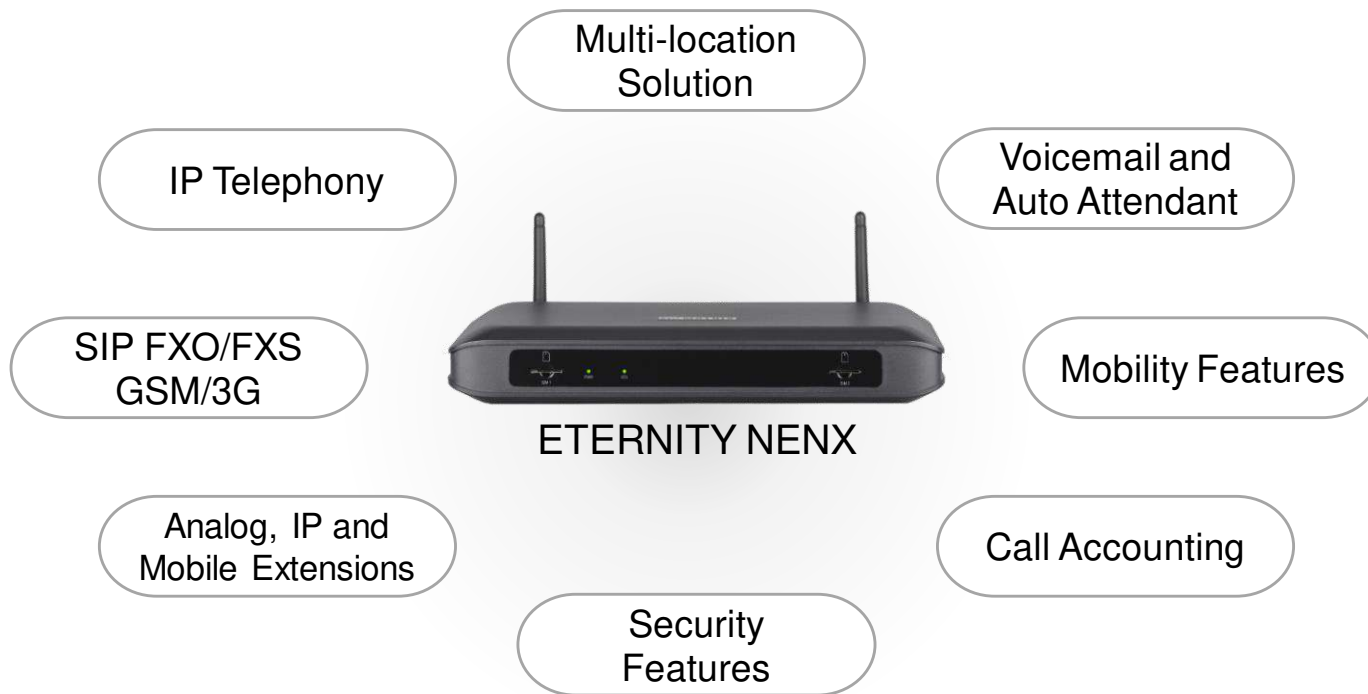


Presenting: ETERNITY NENXIP50

ETERNITY NENXIP50 – UC Platform for SOHO and SMB

- Powerful Server with Embedded Linux Based Architecture
- Reliable Solution for Small Office Set-ups
- Simplified Architecture with Built-in Resources – No more Licensing/Annual Cost
- Enterprise-Grade Features
- Mobility Features
- Cost Effective Solution

Product Overview



IP Telephony Benefits

- Remote Configuration and Management
Easier to install and configure
- VOIP Calls to connect with every User
Cost Saving
- Eliminate Vendor Lock in
- Connect Multiple Branches
VOIP connectivity with feature transparency
- Connect Remote/Field Users
Mobility features
- Increased Mobility and Flexibility
Use your Own Device (UYOD)
- Video Calling/Screen Sharing



Built-in Resources

ETERNITY NENXIP50 is a UC Platform designed specially for SOHO and SMB set-ups with all resources inbuilt.

- 50 IP Users
- 8 VOIP Trunks
- 8 IP to TDM Calls
- 25 IP to IP Calls
- 6 Party Conferencing
- 8 Video Calls
- 4 Voice Mail Channels (Optional)
- 2 GSM/3G Ports (Optional)

Voicemail System

Voicemail System

- Individual Mailbox for All Users
- Built In Auto Attendant
- 128 IVR Prompts and GUI Upload
- Supports Multi-Lingual prompts & Language change option

No Separate Server

- Built-in 1152 Hours Recordings
- Scheduled Backup transfer to Network PC/Drive

Built In Call Recording

- Call Recording for all Incoming, Outgoing & Internal Calls
- On Demand Call Tapping

License Free Environment

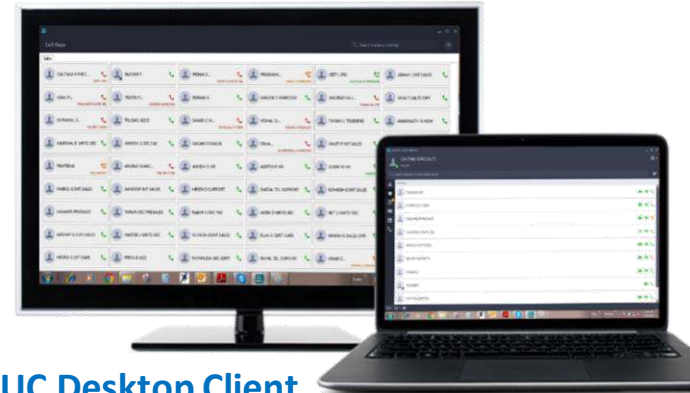
- No license required for any:
 - Individual Mailbox
 - Call Recording
 - Voicemail to Email

Mobility

- 1000 DSS and 600 BLF Keys
- Call Management Features
- Corporate Directory Integration
- Drag & Drop Conference
- Presence and Chat
- Contact Group
- Auto Sign-in of Mobile Extensions
- Outlook Integration
- Siri Integration
- Screen Sharing



UC Mobile Client




UC Desktop Client

CAS – Call Accounting Software

- 12000 Call Detail Record of Outgoing, Incoming and Internal Calls
- Filters like Call Duration, Calling Number, Trunk, Extension, PIN Dialing etc. helps in Call Analysis
- Print SMDR Reports can be Printed directly from the web GUI of the system
- Call Cost Calculations – Trunk wise as well as Time based
- Call Budgeting – Trunk wise – Control the cost of phone calls made from any Trunk
- **No third party CAS (Call Accounting Software) required.**

SMDR Report


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Extension

Department Group Properties

Extension Over Q-SIG

Call Forward - All Extensions

Trunk Properties ▶

Status ▶

Voice Mail Memory Status

Day/Night Mode

Holiday Table

Authority Code

PIN Configuration

SMDR Management ▼

- OG Call Report
- IC Call Report
- Internal Call Report
- SMDR - Online
- SMDR - Delete Call Record

SMS Server ▶

Reports ▶

Dial In Conference - Cancel

SA Password

SA Timer

System Activity Log

SMDR Outgoing Calls Report

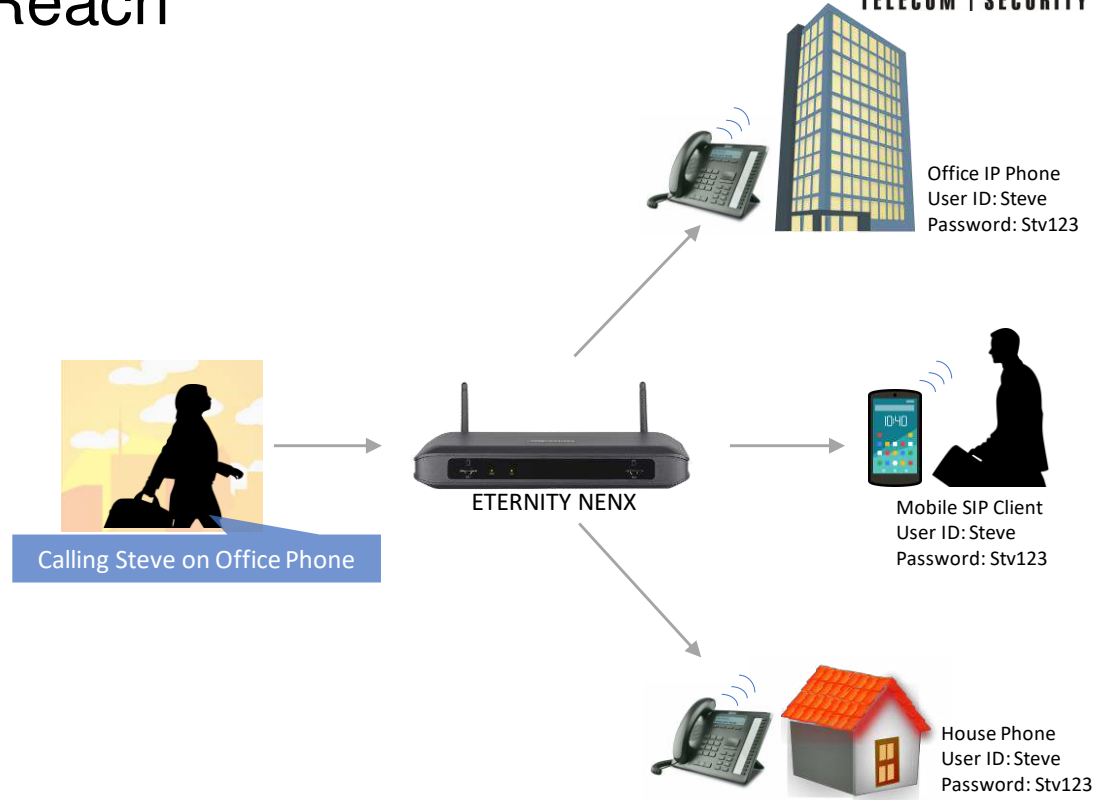
As On 06-11-2015(Thu) At 10:03

		Originated on		Terminated on	
Extension	000000 To 999999	CO	001 To 128	CO	001 To 128
Date	05-01-2005 To 12-31-2037	BRI	001 To 032	BRI	001 To 032
Time	00:00 To 23:59	T1E1	001 To 008	T1E1	001 To 008
Department Group	000 To 000	E&M	001 To 128	E&M	001 To 128
Dur (sec)	000	MOB	001 To 064	MOB	001 To 064
Account No	000 To 000	SIP	001 To 032	SIP	001 To 032
Authority Code	000 To 000	LD	001 To 032	LD	001 To 032

Sr. No.	Extension	Authority Code	Trunk	Called No.	Date	Time	Duration	Units	Amount	Call Type
1	3001	000	V001	5001	04-17-2015	15:24	8	1	1.10	I
2	3001	000	V001	3001	04-17-2015	15:53	12	1	1.10	I
3	3001	000	V001	3001	04-17-2015	15:56	14	1	1.10	I
4	3001	000	V001	3001	04-17-2015	15:57	13	1	1.10	I
5	3001	000	V001	3001	04-18-2015	07:03	8	1	1.10	I
6	3001	000	V001	2001	04-18-2015	07:04	35	1	1.10	I
7	3001	000	V001	3001	04-18-2015	07:05	4	1	1.10	I
8	V001	000	V001	8128983142	04-18-2015	07:16	1	1	1.10	GI
9	3001	000	V001	3001	04-18-2015	07:17	15	1	1.10	I
10	V001	000	V001	8128983142	04-18-2015	07:19	8	1	1.10	GI
11	V001	000	V001	3001	04-21-2015	08:20	1	1	1.10	GI
12	V001	000	V001	3001	04-21-2015	08:20	3	1	1.10	GI

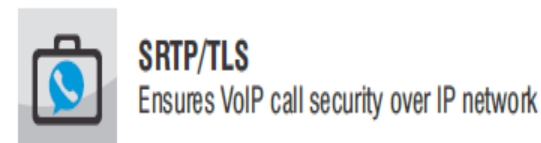
Mobility – One Number Reach

- Allows Same Extension Number to be registered on 3 different Device
- Eliminate the chance of Missed Call
- Receive calls on mobile extension even when somebody calls your office desk extension
- Make calls with office CLI display though calling from any virtual location

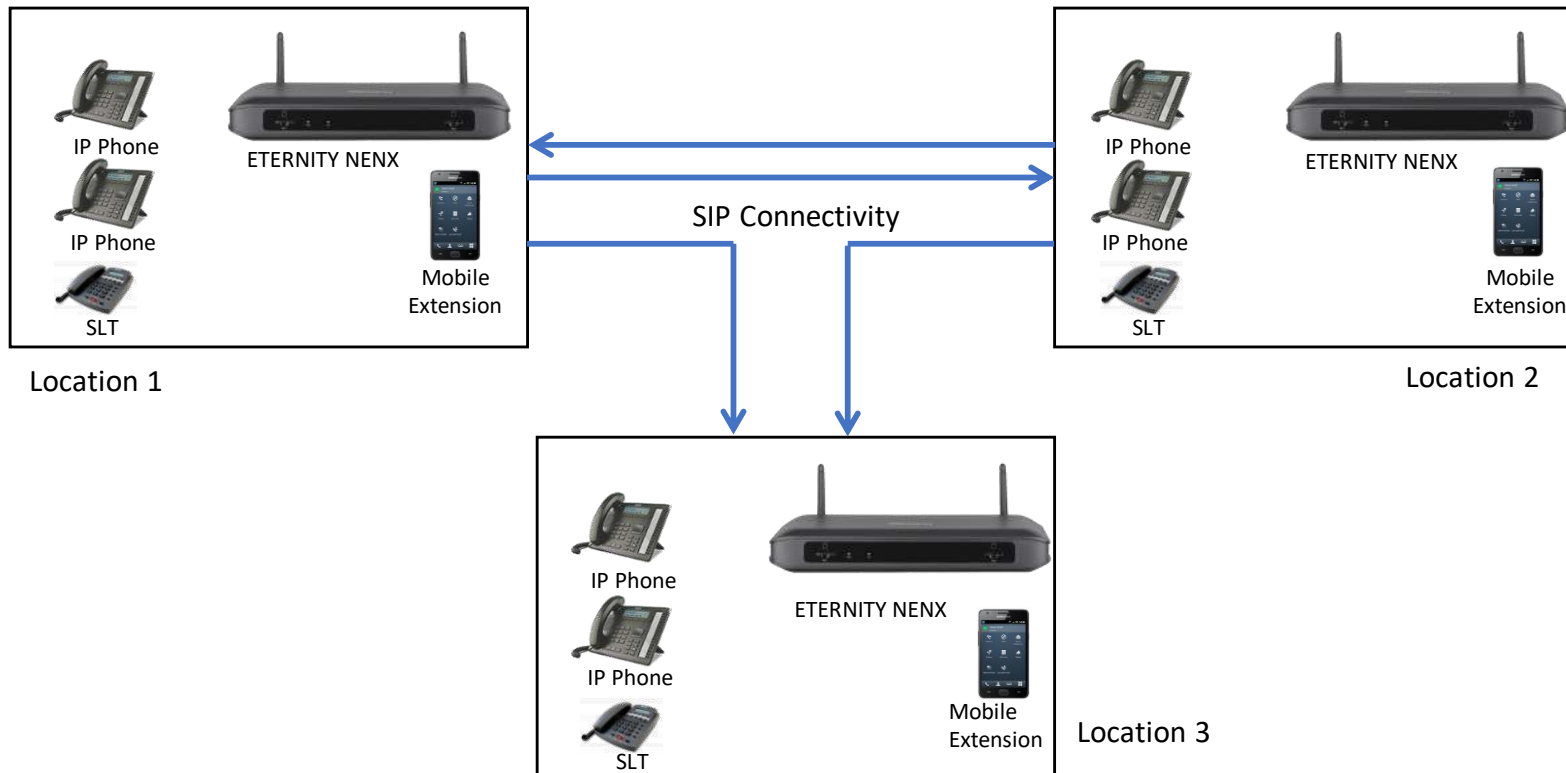


Security Features: Protocols and Measures

- Web Login Restriction: You can allow only pre-defined IP to authorize to login into the system to configure or to access any functionality
- SRTP Functionality: Uses only SRTP (SAVP) for transporting the speech packets
- HTTPS Browsing: HTTPS is a protocol for secure communication over a computer network which is widely used on the Internet
- Black List IP Address: Matrix blacklists the IP Address from which an unauthorized attempt is made for registration



Multi-Branch Connectivity using IP Networking



Flexible Phone Options



IP Phones



Android/iOS
Softphone Clients



IP-DECT



Analog Phones



SIP Phones



PC Soft phones

Technical Specifications

Particulars	NENX312	NENX416	NENXIP50
FXO Ports (CO)	3	4	4
FXS Ports (SLT)	12	16	2
GSM/3G Ports	2	2	2
IP Users	50	50	50
VoIP Trunks (SIP)	8	8	8
Max. VoIP CHNL	8	8	8
Max. VMS CHNL	4	4	4
Max. IP to IP Call	25	25	25
Max. IP to TDM Call	8	8	8

Technical Specifications

VoIP Protocol	SIP, SDP, RTP, SRTP
Network Protocol	IPv6, IPv4, TCP, UDP, DHCP, VLAN, DynDNS, PPPoE, QoS, STUN
Transport Protocol	UDP, TCP, TLS
Codec	G.711(A-law, μ -law), G.723, G.729AB, GSM-FR, iLBC
DTMF	RTP (RFC2833), SIP Info, IN-Band
LAN	1 x 10/100 Mbps
Voicemail	Yes
T.38 Fax	Yes
Max. External Storage	32GB
USB	1 (With Factory fitted 8 GB Pen-drive)
Power	24VDC 2.5Amp
Size	320.2 x 51.1 x 208.1 mm
Power Consumption	15W
Environment	Operation Range: 0°C to 45°C, Storage Range: -20°C to 65°C, Operating Humidity: 5-95% RH Non-Condensing
Mounting	1U Rack Mounting

Call Management Features

- Abbreviated Dialling
- Access Codes
- Account Codes
- Alternate Number Dialling
- Auto Answer
- Auto Call Back (ACB)
- Auto Redial
- Automatic Number Translation
- Barge-In
- Busy Lamp Field
- Call Back on Trunk Ports
- Call Chaining
- Call Duration Display
- Call Forward
- Call Forward-Remote
- Call Forward-Scheduled
- Call Forward-When Not Registered
- Call Hold
- Call Park
- Call Logs
- Call Pick Up
- Call Toggle
- Call Transfer
- Conference-3 Party
- Conference-Multiparty
- Dial-In Conference
- Department Call
- Dial by Name
- Distinctive Rings
- Do Not Disturb (DND)
- DSS Call Pick-Up
- Dynamic Lock
- Emergency Conference
- Emergency Detection and Reporting
- Emergency Dialling
- Flexible Numbers
- Follow Me
- Forced Answer
- Forced Call Disconnection
- Handover and Handoff
- Hotline Conflict
- Hot Desking
- Internal Call Restriction
- Last Caller Recall
- Last Number Redial
- Intercom
- Live Call Supervision
- Macros
- Mobility Extension
- Multi-Stage Dialing
- Mute
- Number Lists
- OFF-Hook Alert
- One Touch Transfer
- Paging
- PIN Dialing
- Pre-set Call Forward
- Quick Dial
- Raid
- Reminder
- Shared Call Appearance
- Dialling
- Call Progress Tones

Maintenance & Troubleshooting

- System Activity Log
- System Security
- VoIP Debug
- System Fault Log
- Configuration Backup/Restore
- VMS Debug
- System Log Notification
- Firmware Management
- System Details
- System Debug
- Default Settings
- PCAP Trace
- Restart the System
- Network Diagnosis
- Network Drive Settings

Call Routing / Trunking

- Closed User Group (CUG)
- Closed User Group-with Exchange ID
- Dial Plan for SIP Extension
- Least Cost Routing
- Trunk Auto Answer
- Trunk Call Waiting
- Trunk Reservation
- Class of Service (COS)
- CLI Based Routing

Advanced Features

- Auto Attendant
- Conversation Recording
- Day Night Mode
- COSEC Integration
- BCCH Selection
- AC Impedance Test
- Holiday Table
- Direct Station Selection Console
- Gain Settings
- SMTP
- Flash Timer
- SMS Gateway
- Apple Push Notification Service Support
- Daylight Saving Time (DST)
- LDAP Client
- Direct Dialing-In (DDI)
- Logical Partition
- Music on Hold (MOH)
- Real Time Clock (RTC)
- PC/Laptop Telephony Integration
- Auto Sign-In for Softphones
- Remote Programming
- Cancel All Station Features
- Extended IP Phone/VARTA UC Client - Operation
- Power Fail Transfer
- Uploading Custom MoH
- Room Monitor
- Static Routing Table
- System Configuration
- Call Taping
- Time Zone Display
- Alarms
- Direct Inward System Access (DISA)
- License Management
- Presence and IM
- Selective Port Access
- Self-Ring Test
- SIM Card Balance and Recharging
- RCOC (Return Call to Original Caller)



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THANK YOU!



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