

ETERNITY PENX

OFFER DOCUMENT

NIRAV SUKHADIYA



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1. DOCUMENT PURPOSE

Scope of Document

This document summarizes the procedure of migrating ETERNITY PE to SARVAM UCS SMB platform as well as describes license activation process for SARVAM UCS SMB platform.

Intended Audience

This document is intended for use only by Matrix authorized channel partners, distributors, sales managers, sales, marketing, engineering, order management, documentation, and training personnel.

Revision History

Document Date	Description
14 th August 2019	Document Version 1.0

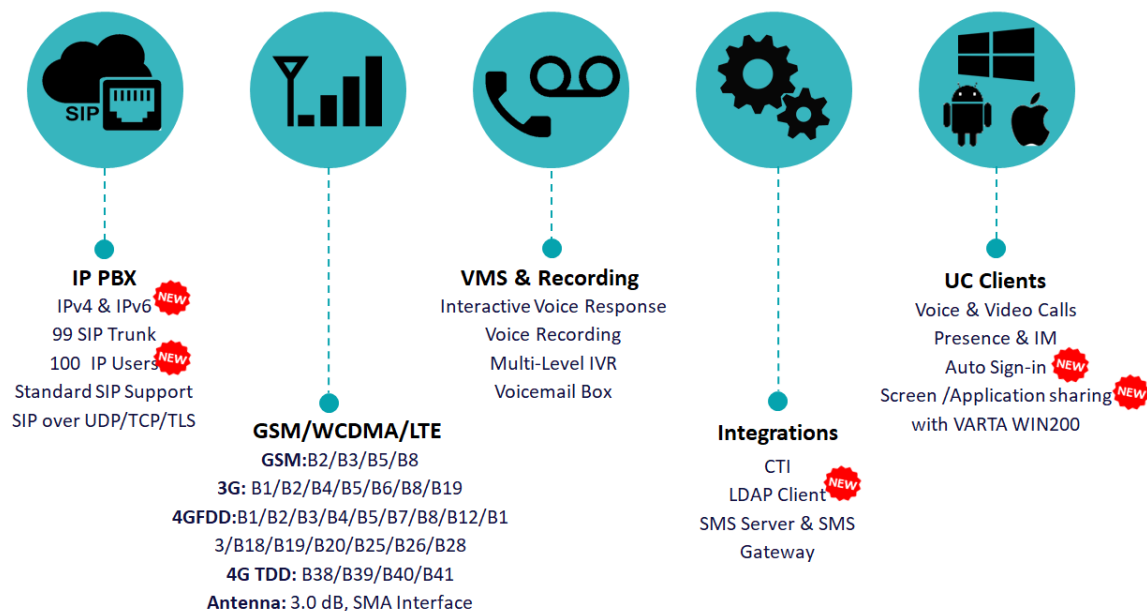
2. PRODUCT INTRODUCTION

After upgrading ETERNITY NE, GE, ME and LE in NX Solution, now we are adding ETERNITY PE in NX Solution. With the hardware upgradation with “VoIP DSPs” which we are currently using in ETERNITY GENX, ME-LENX platform, gives our product the opportunity to increase the number of SIP users and enhance other existing functions to offer better products in the market. In addition to this, our product will become competitive in terms of features such as IP at core, IP PBX SMB segment.

Owing to this, Matrix has come up with new range of PBX; ETERNITY PENX, which mainly target SMB market segment. Eternity PENX is an integrated IP-PBX with seamless mobility. The new PENX platform offers higher RAM and flash with enhanced features of SARVAM application. In addition to this, with SARVAM application, user will also get benefit of advanced features such as VMS V7, VARTA etc.

In New ETERNITY PENX, Matrix boasts an offering of IP users up to 100 with a license fee. However, to provide convergence with traditional technology, PENX now runs on SARVAM UCS platform. So, it will allow customers to access new features of SARVAM which was not available in ETERNITY.

3. KEY FEATURES



Product Offerings

ETERNITY PENX	
Application	SARVAM UCS SMB
Free IP USER	5
Free UC Clients	5
Free VoIP Channel	4
Free VMS Channel	4

Note: Above table indicates details of built-in license offered with ETERNITY PENX.

4. PRODUCT SPECIFICATION

System Capacity	ETERNITY PENX
Universal slots	6
FXS Ports (SLT)	48
DKP Port	16
IP User	100
FXO Ports (CO)	16
PRI ports	2
GSM/3G/LTE Ports	8
SIP Trunks	99
Max. VoIP Channel	64
Max. VMS Channel	16
IP-IP All (transcoding)	20
Max. IP to IP Call (DRTP)	40
Max. IP to TDM Call	40
TDM-TDM	Non-Blocking
No of Voice Module	16
Simultaneous Voice module Playback	5
Total Number Of Audio conference (system Wide)	48
Max. Number of Simultaneous 3-party conference	16
VoIP Protocol	SIP,SDP,RTP,SRTP
Network Protocol	IPV6,IPV4,TCP,UDP,VLAN,DHCP,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	Gigabit port
WAN	Gigabit port
Voicemail	Yes
Call Recording	2170 Hr.
Max. External Storage	32GB

Inter USB Port	1
External USB Port	1
Environment	Operation Range: 0°C to 45°C, Storage Range: -20°C to +70°C, Operating Humidity: 5-95% RH Non-Condensing
Mounting	1U Rack Mount

5. FEATURE AT A GLANCE

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

Advance Features

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

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

Cost Management

Call Budget on Extension	Call Cost Calculation (CCC)	Call Duration Control (CDC)
Call Budget on Trunk	Call Cost Display	Toll Control


Station Message Detail Recording (SMDR)

Station Message Detail Recording-Online	Station Message Detail Recording-Report	Station Message Detail Recording-Storage
Station Message Detail Recording-Posting		

SMS Server

Bulk SMS	SMS Server - Mail Settings	SMS Server Reports
SMS Routing	SMS/Email Group	SMS over IP

Voice Mail Features

Accessing your Mailbox	Recording Conditional Greetings	Accessing the General Mailbox
Alarms and Reminders	Message Verification	Forwarding Messages
VMS DISA Login	Message Notification	Email Based Notification
Sending Messages	Mailbox Settings	Message Wait Notification via Call
Redirecting Message	Listening to Messages	Dial by Name
Auto & Scheduled Backup of VMS 	Leaving a Message	Dial by Extension Number

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

Language Support

- English
- French
- Deutsch
- Spanish
- Portuguese
- Italian

Certification

- TEC-ER
- CE EMI-EMC
- CE Safety (IEC 62368-1)
- UL Listed 60950-1
- RoHS
- FCC Part 15-B
- FCC Part68

7. HOW TO BUY

Product licensing

License	Description
SARVAM UCS SMB	LICENSE FOR UNIFIED COMMUNICATION SERVER FOR A SMALL-MEDIUM BUSINESS RUNNING ON ETERNITY PENX.
SARVAM HOSPITALITY SMB	LICENSE FOR HOSPITALITY FUNCTIONS SUITE FOR SARVAM UCS SMB TO SUPPORT HOSPITALITY FUNCTIONS AND FEATURES USED IN A HOTEL-MOTEL.
SARVAM HOSPITALITY E911 SMB	LICENSE FOR SARVAM UCS SMB TO ENABLE DIALING OF EMERGENCY NUMBER 911 TO ENABBLE DIALING OF EMERGENCY NUMBER 911 IN THE HOSPITALITY MODE.
SARVAM PMS SMB	LICENSE FOR PROPERTY MANAGEMENT SYSTEM INTERFACE FOR SARVAM UCS SMB TO CONNECT WITH 3RD PARTY PROPERTY MANAGEMENT SYSTEM (PMS) USED IN A HOTEL-MOTEL.
SARVAM QSIG SMB	LICENSE FOR QSIG INTERFACE FOR SARVAM UCS SMB TO CONNECT WITH OTHER MATRIX OR 3RD PARTY PBX FOR SEAMLESS CALLING AND INTERWORKING OF CERTAIN PBX FEATURES.
SARVAM CTI SMB	LICENSE TO ENABLE CTI (TAPI 2.2) FUNCTIONALITY FOR SARVAM UCS SMB TO CONNECT TO 3RD PARTY CTI APPLICATION.
SARVAM GATEWAY SMB	LICENSE FOR SARVAM UCS SMB TO SUPPORT GATEWAY FUNCTIONS IN ADDITION TO UCS FUNCTIONS. THIS LICENSE ALLOWS USING SARVAM AS UCS AND GATEWAY SIMULTANEOUSLY. THIS IS DIFFERENT FROM DEDICATED UMG GATEWAY APPLICATION.
SARVAM VOCODER CHNL4	LICENSE FOR ACTIVATING 4 VOCODER CHANNELS. COMMON FOR ALL SMB AND ENTERPRISE UCS SERVERS.
SARVAM VOCODER CHNL16	LICENSE FOR ACTIVATIG 16 VOCODER CHANNELS. COMMON FOR ALL SMB AND ENTERPRISE UCS SERVERS.
SARVAM VMS CHNL4	LISENCE FOR ACTIVATING 4 VMS CHANNELS. COMMON FOR ALL SMB AND ENTERPRISE UCS SERVERS.

SARVAM IPSUB5	LICENSE FOR 5 IP SUBSCRIBERS FOR SARVAM UCS TO CREATE 5 VOIP SUBSCRIBERS. COMMON FOR ALL SMB AND ENTERPRISE UCS SERVERS.
SARVAM IPSUB10	LICENSE FOR 10 IP SUBSCRIBERS FOR SARVAM UCS TO CREATE 10 VOIP SUBSCRIBERS. COMMON FOR ALL SMB AND ENTERPRISE UCS SERVERS.
SARVAM IPSUB50	LICENSE FOR 50 IP SUBSCRIBERS FOR SARVAM UCS TO CREATE 50 VOIP SUBSCRIBERS. COMMON FOR ALL SMB AND ENTERPRISE UCS SERVERS.
SARVAM VARTA USER5E	LICENSE FOR 5 VARTA UCS SOFT CLIENTS WITH ESSENTIAL FEATURES. SARVAM UCS SMB NEEDS THIS LICENSE TO REGISTER ANDROID/IOS/WINDOWS UCS CLIENTS. THIS LICENSE IS NOT REQUIRED FOR HARDWARE IP-PHONES. COMMON FOR ALL TYPES OF SMB AND ENTERPRISE UCS SERVERS.
SARVAM VARTA USER10E	LICENSE FOR 10 VARTA UCS SOFT CLIENTS WITH ESSENTIAL FEATURES. SARVAM UCS SMB NEEDS THIS LICENSE TO REGISTER ANDROID/IOS/WINDOWS UCS CLIENTS. THIS LICENSE IS NOT REQUIRED FOR HARDWARE IP-PHONES. COMMON FOR ALL TYPES OF SMB AND ENTERPRISE UCS SERVERS.
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SARVAM VARTA USER5P	LICENSE FOR 5 VARTA UCS SOFT CLIENTS WITH PROFESSIONAL FEATURES. SARVAM UCS SMB NEEDS THIS LICENSE TO REGISTER ANDROID/IOS/WINDOWS UCS CLIENTS. THIS LICENSE IS NOT REQUIRED FOR HARDWARE IP-PHONES.
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SARVAM VARTA USER5C	LICENSE FOR 5 VARTA UCS SOFT CLIENTS WITH COLLABORATION FEATURES. SARVAM UCS SMB NEEDS THIS LICENSE TO REGISTER ANDROID/IOS/WINDOWS UCS CLIENTS. THIS LICENSE IS NOT REQUIRED FOR HARDWARE IP-PHONES.
SARVAM VARTA USER10C	LICENSE FOR 10 VARTA UCS SOFT CLIENTS WITH COLLABORATION FEATURES. SARVAM UCS SMB NEEDS THIS LICENSE TO REGISTER

	ANDROID/IOS/WINDOWS UCS CLIENTS. THIS LICENSE IS NOT REQUIRED FOR HARDWARE IP-PHONES
SARVAM VARTA USER50C	LICENSE FOR 50 VARTA UCS SOFT CLIENTS WITH COLLABORATION FEATURES. SARVAM UCS SMB NEEDS THIS LICENSE TO REGISTER ANDROID/IOS/WINDOWS UCS CLIENTS. THIS LICENSE IS NOT REQUIRED FOR HARDWARE IP-PHONES
SARVAM SMS SERVER SMB	LICENSE FOR SARVAMUCS SME TO ENABLE SMS SERVER FUNCTIONALITY TO CONNECT ANY EMAIL CLIENT AND SEND/RECEIVE EMAIL TO SMS AND VISA VERSA OVER GSM SIM INSTALLED ON GSM INTERFACE CARD
SARVAM SMS GATEWAY SMB	LICENSE TO ENABLE SMS GATEWAY FUNCTIONALITY FOR SARVAM UCS SMB TO CONNECT TO 3RD PARTY SMS GATEWAY CLIENTS (SMPP v3.4) TO SEND/RECEIVE SMS OVER GSM SIM INSTALLED ON GSM INTERFACE CARD

Ordering Information

- The System and product license need to be ordered by partner same as existing process.

Contact Information

For product feedback & suggestions, please contact telecom.productmanagement@matrixcomsec.com

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