



MATRIX IP-PBX-KTS RANGE OF PRODUCTS

- ENTERPRISE IP-PBX
- SMB IP-PBX
- HOSPITALITY IP-PBX
- PLCC IP-PBX
- SOHO IP-PBX
- SOHO PBX
- OFFICE-IN-A-BOX
- USER TERMINALS



MATRIX R&D

All Matrix products are indigenously designed passing through various development stages beginning with Product Conceptualization, Hardware Design, Software Designing and Engineering. With more than 35% of its human resources dedicated to the development of new products, Matrix R&D is the foundation of its growth and sustenance. The R&D team designs products conforming to relevant international standards. Matrix makes substantial investment in R&D tools and equipment to stay abreast of the latest technological changes. The Indian Ministry of Science and Technology has granted DSIR (Department of Scientific & Industrial Research) recognition to the Matrix R&D Center for its contribution to the Industry.



MATRIX MANUFACTURING

Based at Vadodra in India, Matrix Manufacturing unit is operated and managed by a team of professionally qualified and dedicated engineers. The structure houses various sections like Production, Quality Control and Supply Management with a production capacity of about 1,000,000 ports per annum. With more than 50 products, Matrix Manufacturing has been delivering cutting-edge technology products for more than two decades now.



MATRIX MARKETING

The marketing team at Matrix strongly believes in value-based marketing and strong networking. Right from product conceptualization, designing to the commercial marketing, Matrix adopts a completely global approach. Backed by an extensive network of more than 500 channel partners across the globe, Matrix ensures that the products serve the customer needs faster and longer. Various Marketing Tools and activities including strong marketing collaterals, solution designing, online and print media communication, promotional and networking activities are very elemental to Matrix Marketing.



MATRIX TECHNICAL SUPPORT

A full-fledged Technical Support Centre offers 24x7 support to Matrix Customers and Channel Partners. Manned by trained and efficient engineers the Technical Support Centre offers upfront, proactive and prompt assistance. Dedicated regional support teams expertize in offering local support services. Latest CRM tools are used for faster problem solving and assistance. The support technicians conduct regular in-house and field training, providing understanding of the product and its features.

MATRIX AT A GLANCE

- 50+ Telecom Products
- 700+ Man-years of R&D Experience
- 500+ Channel Partners
- 350,000+ Satisfied Customers
- 3,500,000+ Line-units installed
- 15,000,000+ Calls Connected Everyday
- Growing at 1500+ Line-units a Day
- Global Footprint
- Quality Certifications: CE, FCC, TEC, RoHS



Matrix PBX range of products offers interfaces such as IP, GSM/3G, T1/E1 PRI, ISDN BRI, E&M, CO (FXO), Analog Extension (FXS), Digital Extension (DKP), Magneto Phones, IP Extension and Mobile Extension. They come in different foot-prints to match the communication needs of any organization.



PBX-KTS Application Areas

Matrix PBXs and Key Phone Systems meet the varied communication requirements of customers from diverse industries, businesses and institutions. These products find application in:

- SOHO (Small Offices Home Offices)
- Call Centers
- Hospitality PBX
- Service Providers
- Businesses and Enterprises
- Power Utilities
- Housing Complexes
- Defence PBX

MATRIX RANGE OF PBXs AND KEY PHONE SYSTEMS ALONG WITH THEIR KEY SPECIFICATIONS:

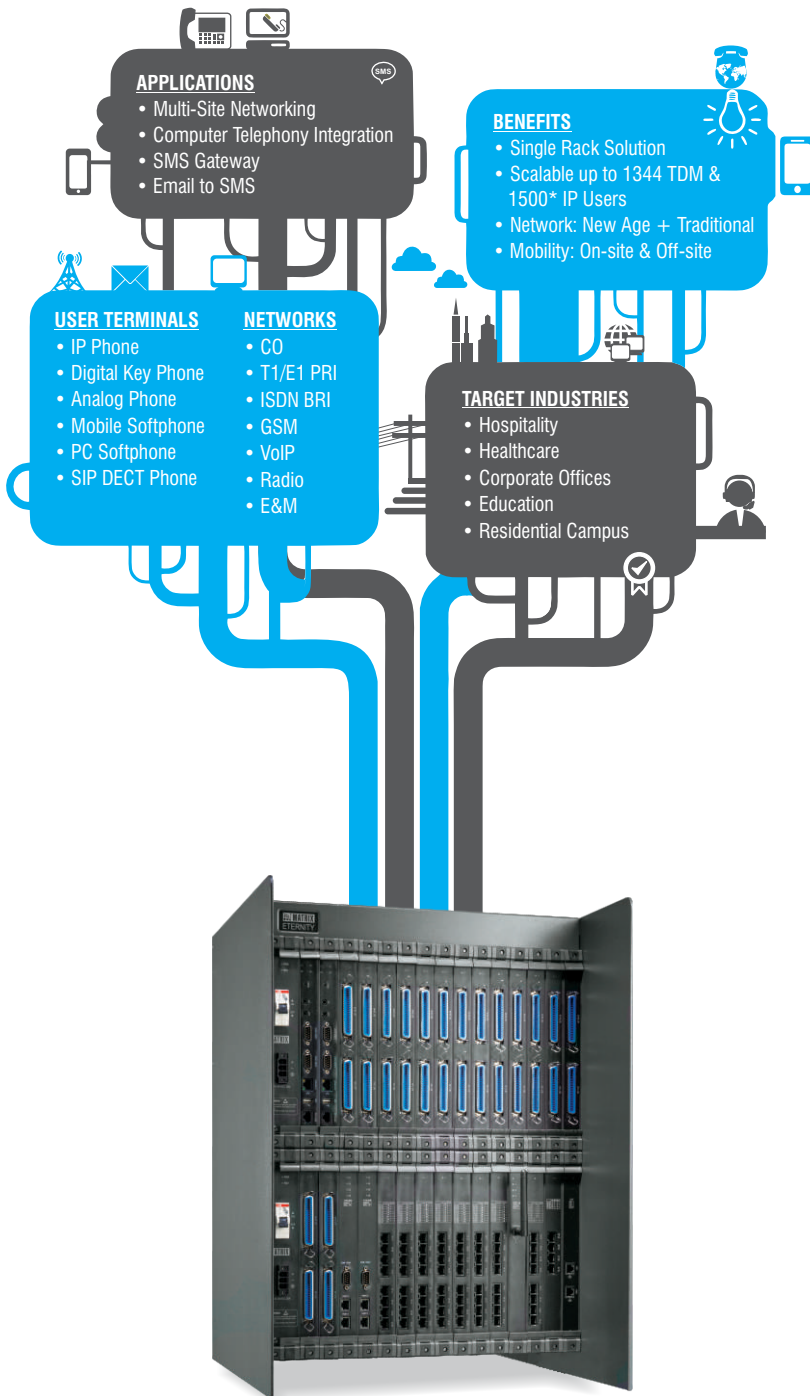
PBXs and Key Phone Systems Key Specifications	VISIONPRO206 VISIONPRO308 VISIONPRO412	ETERNITY NE4/NE6/ NE312/NE416	ETERNITY PE6SP	ETERNITY GE6S ETERNITY GE12S	ETERNITY ME16S	ETERNITY LE
Connectivity						
CO (FXO)	Yes	Yes	Yes	Yes	Yes	Yes
ISDN BRI	-	-	Yes	Yes	Yes	Yes
ISDN T1/E1/PRI	-	-	Yes	Yes	Yes	Yes
GSM/UMTS (3G)	-	Yes	Yes	Yes	Yes	Yes
VoIP	-	Yes	Yes	Yes	Yes	Yes
E&M	-	-	-	Yes	Yes	Yes
Analog Phone	Yes	Yes	Yes	Yes	Yes	Yes
Digital Key Phone	-	Yes	Yes	Yes	Yes	Yes
Operator Console (DSS)	-	Yes	Yes	Yes	Yes	Yes
IP Phone	-	Yes	Yes	Yes	Yes	Yes
Magneto Phone	-	-	-	Yes	Yes	Yes
Auxiliary Ports						
External Music Port	-	-	Yes	Yes	Yes	Yes
Sensor Port	-	-	-	Yes	Yes	-
Relay Port	-	-	-	Yes	Yes	-
Public Address System Port	-	-	Yes	Yes	Yes	Yes
Features						
Auto-Attendant	Yes	Yes	Yes	Yes	Yes	Yes
CLI-DTMF	Yes	Yes	Yes	Yes	Yes	Yes
CLI-FSK	Yes	Yes	Yes	Yes	Yes	Yes
Multi-participants Conference	3	6	15	15	21	45
Hotel-Motel Features	-	-	Yes	Yes	Yes	Yes
PMS Interface	-	-	Yes	Yes	Yes	Yes
Voice Messages	Yes	Yes	Yes	Yes	Yes	Yes
SMDR (Call Detail Record)	-	Yes	Yes	Yes	Yes	Yes
Remote Programming	Yes	Yes	Yes	Yes	Yes	Yes
PC based Programming	-	Yes	Yes	Yes	Yes	Yes
Conference Dial-in	-	Yes	Yes	Yes	Yes	Yes
Return Call to Original Caller	-	Yes	Yes	Yes	Yes	Yes
Call Budget on Trunks	-	Yes	Yes	Yes	Yes	Yes
Call back on Trunks	-	Yes	Yes	Yes	Yes	Yes
Mobile Extension	-	Yes	Yes	Yes	Yes	Yes
Security Dialer	-	-	Yes	Yes	Yes	Yes
Voice Mail System	-	Yes	Yes	Yes	Yes	Yes
Scheduled Call Forward	-	Yes	Yes	Yes	Yes	Yes
Abbreviated Dialing	-	Yes	Yes	Yes	Yes	Yes
Authority Code	-	-	Yes	Yes	Yes	Yes
Virtual Extension	-	Yes	Yes	Yes	Yes	Yes
Call Taping	-	Yes	Yes	Yes	Yes	Yes
Computer Telephony Integration	-	Yes	Yes	Yes	Yes	Yes
Email to SMS	-	Yes	Yes	Yes	Yes	Yes

ENTERPRISE IP-PBX

Matrix offers a wide range of enterprise switches to meet the diverse and specific needs of medium and large enterprises. These solutions have evolved out of an in-depth understanding of the way modern businesses operate. Providing a high performance, reliable and expandable communication infrastructure, these products enhance organizational productivity by leaps and bounds.

ETERNITY LE

Matrix ETERNITY LE is a powerful enterprise communication solution designed to transcend all technological, organizational and geographical boundaries. This thorough breed solution offers advanced functionality backed by reliability and flexibility that today's growing enterprises expect from a communication solution. Its advanced call capabilities and comprehensive features ensure that the organization is more responsive, alert and aptly empowered to do more. It offers scalability up to 1500* IP and 1344 TDM users.



45-Party
Conference



CTI



IP Telephony



Mobile
Extensions



Email to SMS



Voice Mail

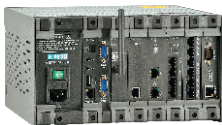
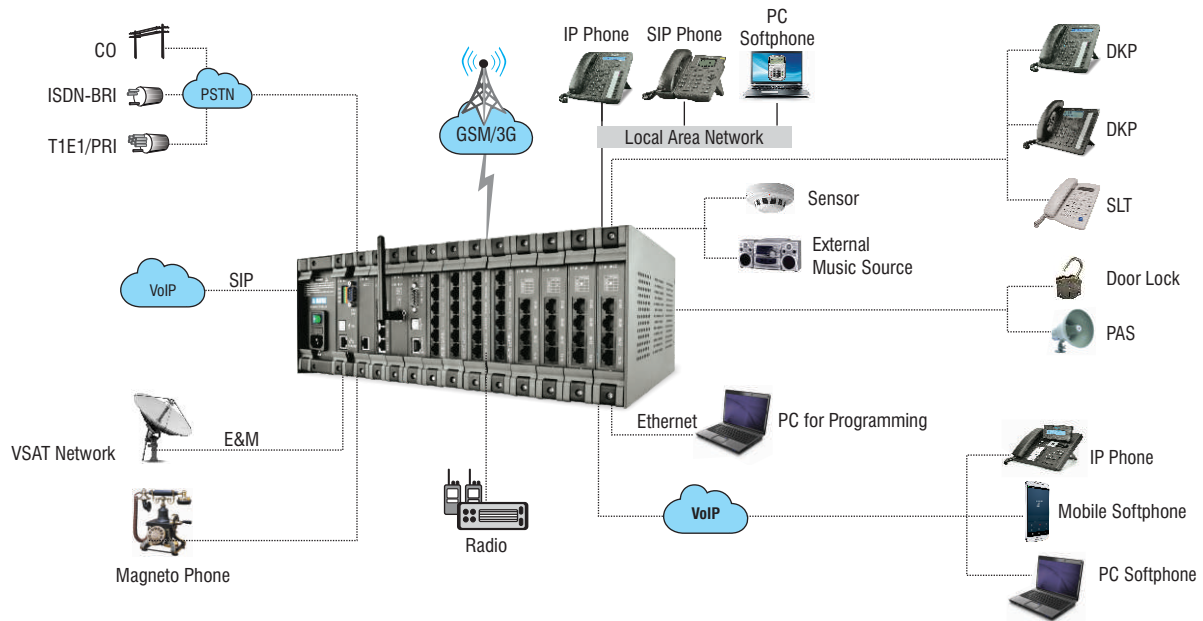
Key Features

- Auto-Attendant
- Automatic DISA
- Call Budget on Trunk
- Call back on Trunk
- Call Detail Record of 12,000 calls
- Call Forking (IP Extensions)
- Caller-ID based Routing
- Class of Service
- Conference Dial-In
- Dynamic DNS
- External Music Port
- Hot-Swap (ETERNITY ME/LE)
- Hot Standby (ETERNITY ME/LE)
- Mobile Trunks and Extensions
- NAT and STUN Support
- Presence and IM
- Public Address System Port
- Relay Port
- QSIG (T1/E1 PRI)
- Registrar Server
- Return Call to Original Caller (RCOC)
- Scheduled Call Forward
- Security Dialer
- Sensor Port
- SNMP
- Universal Routing with Least Cost
- Video Conferencing
- Voice Mail
- Web based Programming

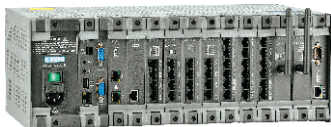
* From onwards ETERNITY LE V12R5.1.3 VoIP Card V2R6

ETERNITY GE/ME - The IP-PBX with Seamless Mobility and Universal Connectivity

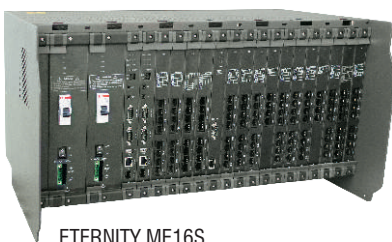
ETERNITY GE, ME is a family of IP-PBX solutions. It is specially designed to meet growing enterprise applications. It can offer solution for organizations having requirement up to 999 IP and 512 TDM users.



ETERNITY GE6S



ETERNITY GE12S



ETERNITY ME16S

ETERNITY GE: The all-integrated communication platform for growing enterprises ETERNITY GE is offered in two variants with 6 and 12 universal slots. All the cards including CPU and Power Supply are interchangeable.

ETERNITY ME: The complete communication system for mid-size enterprises ETERNITY ME is offered in a single variant with 16 universal slots

Connectivity

- Single Line Telephone (SLT)
- Digital Key Phone (DKP)
- Operator Console (DSS)
- IP Phone (SIP)
- Magneto Phone
- Voice Mail System
- Analog CO Line (TWT)
- ISDN BRI (TE/NT)
- T1/E1/PRI
- GSM/3G (Mobile)
- VoIP Trunk
- Radio (HF/VHF/UHF)
- E&M Line

MULTI-SITE CONNECTIVITY



- Seamless Connectivity
- Reduce Telephony Cost
- Centralized Management

HOSPITALITY SOLUTIONS



- Ready Integration with PMS & CAS
- Enhanced Guest Services
- Communication Cost Control

BUSINESS MOBILITY SOLUTION



- GSM/3G Mobile Extensions
- Mobile Softphone Client
- Radio (HF/VHF/UHF)

CALL CENTER SOLUTION



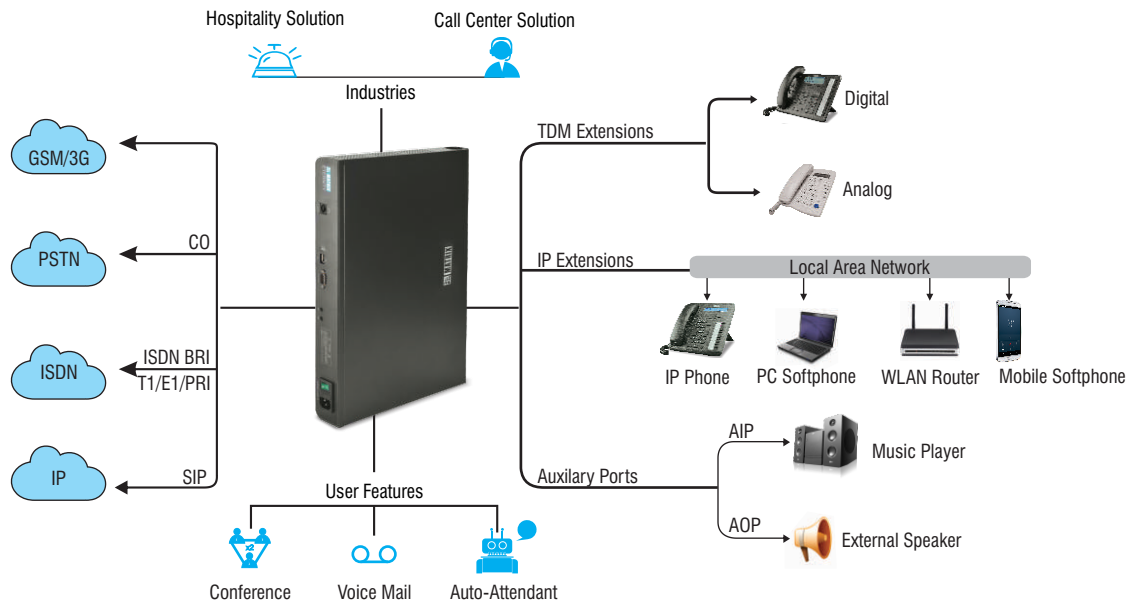
- TAPI 2.2 Support
- Develop Applications; ACD, IVR, Voice Logger, Dialer etc.
- Integrate Customer Database

SMB IP-PBX

ETERNITY PE - The SMB IP-PBX with Seamless Mobility and Universal Connectivity

Modern growing businesses require communication systems to be more agile and productive with limited resources. Presenting Matrix ETERNITY PE – The SMB IP-PBX designed specifically for small and mid-sized businesses destined to become tomorrow's enterprises.

ETERNITY PE offers interface to all-pervasive legacy and new generation wireless telephony networks like POTS, ISDN, GSM/3G and VoIP for seamless connectivity and least cost routing. Further, ETERNITY PE offers flexibility to choose from a variety of user terminals such as analog phones, digital key phones, IP phones, SIP softphone, SIP handsets and even mobile phones as office extensions. This flexibility provides complete freedom from being tied to your desk and ability to communicate from anywhere.



Application & Benefits

- Maintain traditional networks along-with new-age networks.
- Enterprise grade features that improve image, save money and provide connectivity.



- Compact Footprint: Saves Mounting Space Utilization
- Easy to Manage: Web based Remote Management

Connectivity

- Single Line Telephone (SLT)
- Digital Key Phone (DKP)
- Operator Console (DSS)
- IP Phone (SIP)
- Voice Mail System
- Analog CO Line (TWT)
- ISDN BRI (TE/NT)
- T1/E1 PRI (TE/NT)
- GSM/3G (Mobile)
- VoIP Trunk

Key Features

- Auto-Attendant
- Call Budget on Trunk
- Call back on Trunk
- Call Detail Record of 12,000 Calls
- Call Forking (IP Extensions)
- Class of Service
- Caller-ID based Routing
- Dynamic DNS
- External Music Port
- Mobile Trunks and Extensions
- NAT and STUN Support
- Presence and IM
- Public Address System Port
- Registrar Server
- QSIG (T1/E1 PRI)
- Return Call to Original Caller (RCOC)
- Security Dialer
- Universal Routing with Least Cost
- Video Conferencing
- Web based Programming

HOSPITALITY IP-PBX

The Communication Lifeline of Hospitality Industry

Matrix offers a wide range of products for the hospitality industry. Designed after an intensive research of a number of leading hotels, these products offer features that have been developed for the hospitality industry with the singular objective of enhancing efficiency and maximizing customer satisfaction.

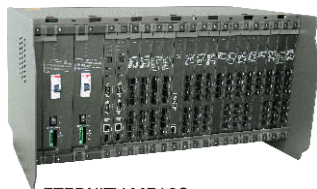


ETERNITY PE6SP



ETERNITY GE12S

ETERNITY GE6S



ETERNITY ME16S



ETERNITY LE



FRONT DESK MANAGEMENT



In today's highly competitive market, hoteliers are looking for ways to differentiate themselves. Professional service, rich guest experience and systematic hotel activities builds the reputation of hotels and creates a loyal customer base. Guest-centric hotels require specialized communication solution to automate hotel operations and enable staff to quickly respond from anywhere within the hotel property.

Matrix offers a complete hospitality solution for small budget to luxury hotels with 40 to 1500 rooms. Based on the cutting-edge IP technology and state-of-the-art design, Matrix hospitality solution is scalable as per hotel requirements. Hotels can enhance guest experience and improve staff productivity with built-in hotel features, Front Desk, PMS Integration, Staff Mobility Extensions and Voice Mail with personalized greetings. Because only when the rings of the guests are attended efficiently, does the cash register rings!

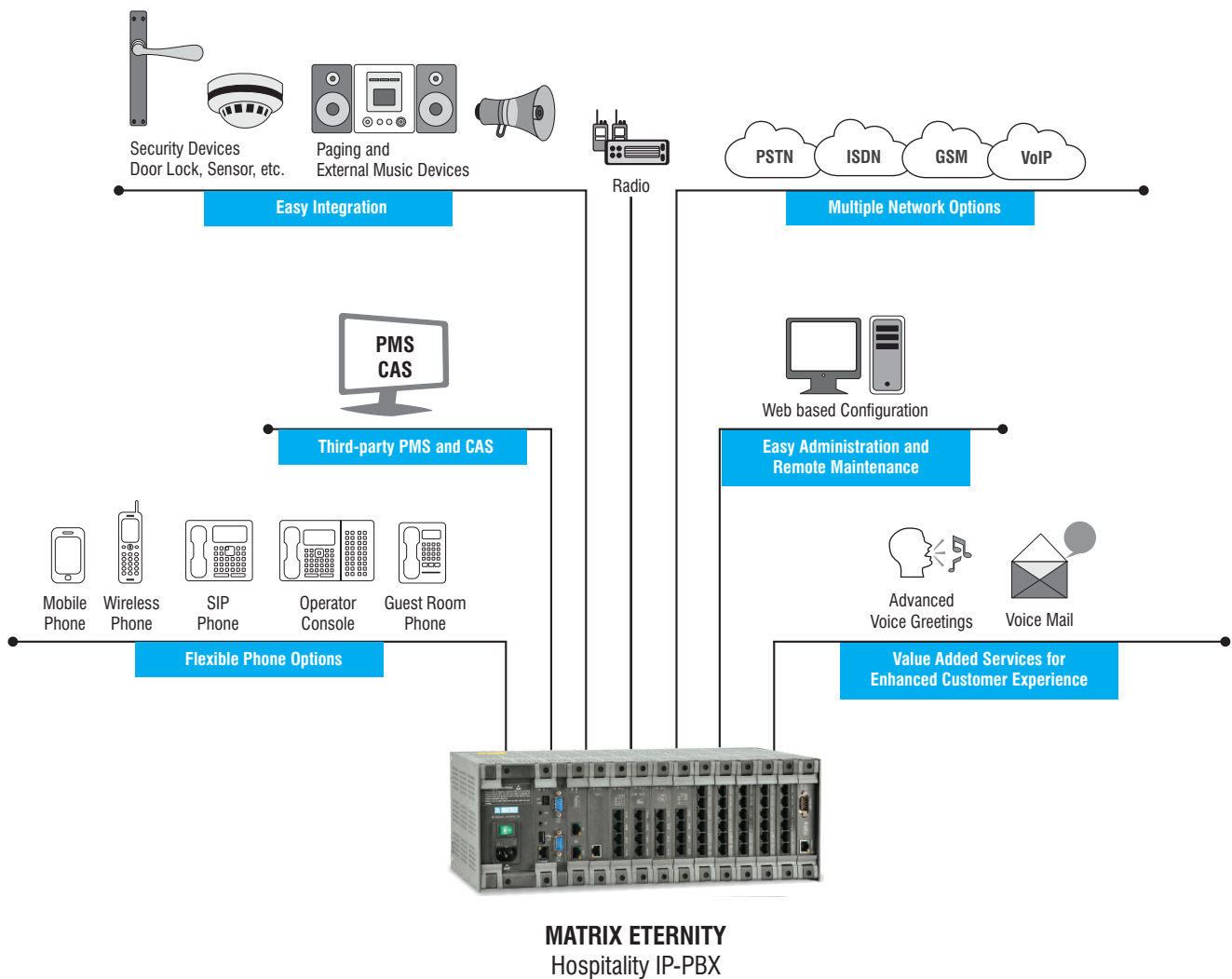
Product	Capacity
ETERNITY PE6SP	Up to 40 Rooms
ETERNITY GE6S	Up to 100 Rooms
ETERNITY GE12S	Up to 200 Rooms
ETERNITY ME16S	Up to 450 Rooms
ETERNITY LE	Up to 1500 Rooms

Hotel-Motel Features

- Specialized Hospitality Module
- Built-in basic Functionalities of PMS
- Call Detail Record of 12,000 Calls
- Check-in and Check-out
- Designer Key Phone with Operator Console
- Floor Service Extensions
- Guest-in and Guest-out
- Guest Call Budgeting
- Hotel-Motel Activity Log
- Hotel Installation Wizard
- Integrated Voice Mail with Auto-Attendant
- Guest Shift
- Room Status Display
- Third Party PMS and CAS Protocol Support (Ethernet/RS232C)
- Voice Guidance on Tones
- Wake-up Calls with Voice Greetings

Connectivity

- Single Line Telephone (SLT)
- Digital Key Phone (DKP)
- Operator Console (DSS)
- IP Phone (SIP)
- Voice Mail System
- Analog CO Line (TWT)
- ISDN BRI (TE/NT)
- ISDN T1/E1/PRI (TE/NT)
- GSM/3G
- VoIP Trunk
- E&M Line



PMS INTEGRATION

Matrix hospitality solution is open and easy to integrate with any third-party Property Management System (PMS). Below is the list of PMS/HMS which can be readily integrated with Matrix Hotel-Motel IP-PBX.

- | | |
|----------------------------|------------------------------|
| • Micros Opera | • Auto Clerk |
| • IDS | • Acumen Software – HOTSOFIT |
| • RMS | • CHaR |
| • eZeeTechnosys – eZee | • Power Brain – POWER HMS |
| • Protel | • Amadeus |
| • Winsar Infosoft – WINHMS | • RSI |



PLCC IP-PBX

Meeting the Need of Digital Communication for Power Grids

Matrix Power Line Carrier Communication (PLCC) IP-PBX integrates with the existing power line infrastructure and uses the same network for communication across various sites. Matrix PLCC IP-PBX supports dial up lines and works as local and transit exchange simultaneously. Matrix PLCC IP-PBX is the advanced technology switch with the support for all types of networks present in the modern power grids. Besides traditional E&M, CO and ISDN connectivity, the switch enables power grids to avail multilateral benefits of cost effective IP and GSM networks. The system architecture with optional redundancy and hot-swap capabilities offers higher reliability and ease of maintenance.

Matrix PLCC IP-PBX is offered in two variants: ETERNITY GE6S and ETERNITY ME10S



*ETERNITY ME10S

ETERNITY GE6S

Key Features

- Alternate Routes
- Built-in Auto Attendant Features
- Componder Control Signal
- Field Programmable
- Flexible Numbering
- Hot-Swap
- Multiple Station Identity
- PBX Operation (Optional)
- POTS, E&M, GSM/3G, ISDN BRI, T1/E1 PRI, VoIP Connectivity
- Priority
- QSIG
- Redundancy (ETERNITY ME10SDC)
- Routing Table
- Transit Barring
- Universal Slots for Expansion
- Web based Programming

*ETERNITY ME10S is available for PLCC only

SOHO PBX

VISIONPRO - The Digital PBX for Small Offices

Communication is of prime importance, be it a business organization or a small office setup.

Matrix VISIONPRO, a compact digital PBX for small offices, home offices, restaurants and clinics offers efficient communication and call management. Loaded with value added features, it reduces communication cost and enhances productivity. Unlike other PBXs in this range, it is a digital PBX with built-in one port power fail transfer, DTMF and FSK CLI support and 100% non-blocking. VISIONPRO is available in three variants. This provides an option of selecting the right model that suits the requirement of any small organization.



VISIONPRO

PORTS/HARDWARE	VISIONPRO206	VISIONPRO308	VISIONPRO412
CO Ports	2	3	4
SLT Ports	6	8	12



100% Non-blocking



1-Port PFT



Auto-Attendant



CLI - DTMF & FSK



Conference

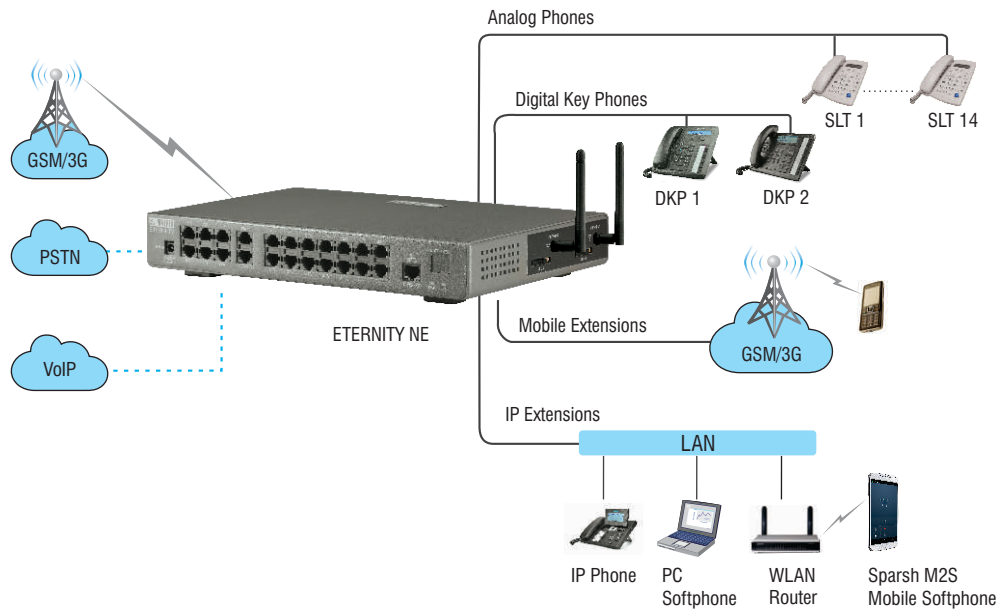
Key Features





- Abbreviated Dialing
- Allowed and Denied list
- Alternate Number Dialing
- Auto Attendant
- Auto Call Back
- Auto Redial
- Auto Shut Dynamic Lock
- Caller Line Identification (DTMF and FSK)
- CLI based External Call Forwarding (ECF)
- CLI based Routing
- Conference
- Direct Inward Dialing
- Direct Outward System Access (DOSA)
- Flexible Numbering
- Least Cost Routing
- Remote Programming
- Walk-In Class of Service

SOHO IP-PBX

ETERNITY NE - The Next Generation IP-PBX for Small Businesses

Matrix ETERNITY NE is a small yet powerful phone system for small businesses delivering all advance features and functionalities as available with enterprise-grade IP-PBXs. Based on modular architecture and state-of-the-art design, ETERNITY NE provides connectivity to CO (FXO), GSM/3G and VoIP networks from a single platform. Range of phone options such as Analog, Digital, IP and Mobile extensions provides flexibility to communicate from anywhere and anytime. Furthermore, ETERNITY NE offers integrated voice mail system, multiple auto-attendants and web-based remote management.



SPECIFICATIONS	ETERNITY NE312	ETERNITY NE416	ETERNITY NE4	ETERNITY NE6
				
CO Ports	3	4	4	6
Single Line Telephones	12	16	10	14
Digital Key Phones	-	-	2	2
VoIP Trunks*	8	8	8	8
IP Extensions*	16	16	16	16
GSM/3G Trunks*	2	2	2	2

Key Features

- Auto-Attendant
- Automatic DISA
- Call Budget on Trunk
- Call back on Trunk
- Call Detail Record of 12000 calls
- Call Forking (IP Extensions)
- Class of Service
- Caller-ID based Routing
- Conference - 6 Party

- Conference Dial-in
- Dynamic DNS
- VoIP Calls over GSM/3G
- Least Cost Routing
- Mobile Trunks and Extensions
- NAT and STUN Support
- Presence and IM
- Registrar Server
- Web based Programming

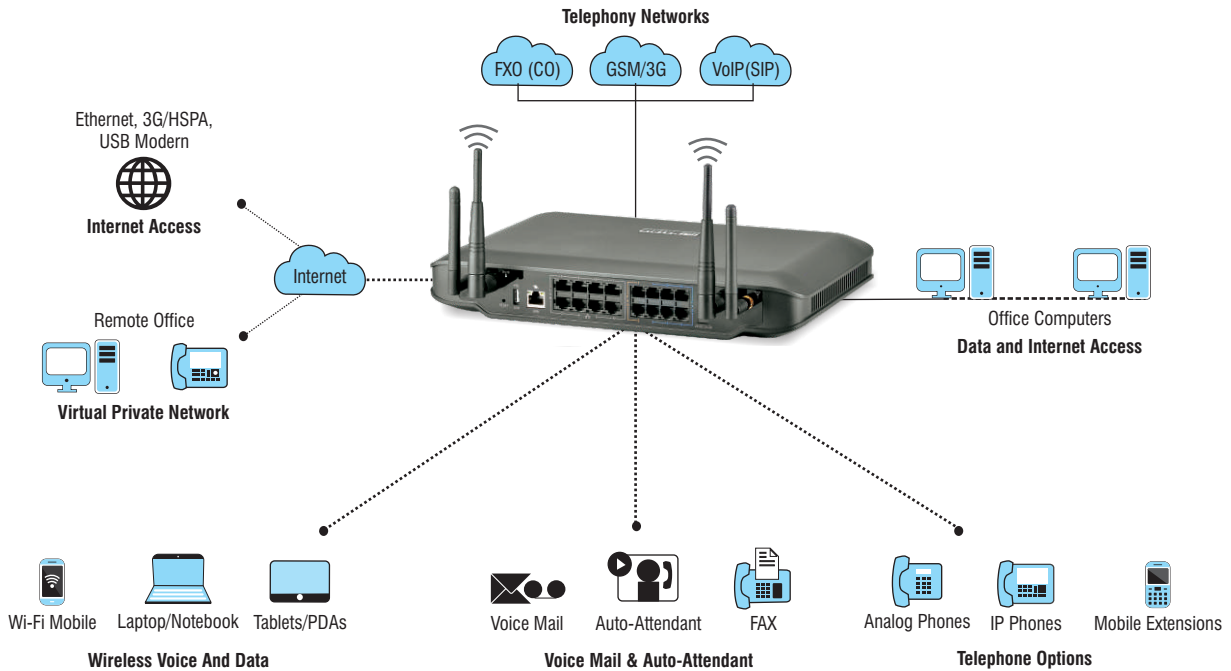
Connectivity

- Single Line Telephone (SLT)
- Digital Key Phone (DKP)
- Operator Console (DSS)
- IP Phone (SIP)
- Voice Mail System
- Analog CO Line (TWT)
- GSM/3G
- VoIP Trunk

OFFICE-IN-A-BOX

NAVAN CNX200 - Office-in-a-Box Solution for Small Businesses

NAVAN CNX200 is a single box solution designed for small set-ups and branch offices with up to 24 users. It delivers office telephony, data networking, high-speed internet, wireless mobility, firewall security and VPN features in a compact and elegant single box. This eliminates the need to buy racks of equipment and deal with multiple vendors. A true office-in-a-box, CNX200 redefines the way businesses communicate and manage infrastructure. This results in huge savings on future investments, maintenance & repair costs and expensive IT staff to manage separate voice & data networks.



Key Features



Fully Featured IP-PBX

- VoIP, GSM/3G, FXO Lines
- 24 IP Users, 8 Analog Users



Wireless Connectivity

- Wi-Fi b/g/n Access Point
- GSM/3G for Voice and Internet



Mobility

- Softphone for iPhone and Android Phones
- IP-DECT and SIP Phone Interoperability



Networking

- Virtual Private Network
- (SSL, IPsec, PPTP, L2TP VPN)



High-Speed Internet

- 3G/HSPA/LTE, USB Modem, Ethernet
- Auto Fallback Option



Security

- Firewall and Access Restriction
- TLS/SRTP, DMZ, HTTPS Web Log-in



Messaging

- Auto-Attendant, Voice Mail, SMS Server
- Conversation Recording, Email Notification



Data Router

- Static Routing, NAT, DHCP Server, Dynamic DNS
- 8-Port Fast Ethernet Switch



USER TERMINALS

DIGITAL KEY PHONES

Matrix EON series is the Digital Key Phone elegantly designed to offer intuitive user interface and touch –sense navigation. With a unique blend of style and substance, it offers efficient call management and one-touch access to system features. Matrix Digital Key Phone (DKP) is available in four variants- EON48P, EON48S, EON310 and EON510.

EON48

EON48 delivers Easy-to-use features and superior voice quality for communication convenience. This Digital Key Telephone provides flexible LCD Display, HD audio quality, 64 keys expansion module, Headset Connectivity for increasing Staff Productivity and Efficiency.



EON48S



EON48P

OPERATOR CONSOLE

EON48P/S with DSS16X4

DSS16x4 is an attachment to EON48S and EON48P. It offers 64 Direct Station Selection keys.

EON310 - Executive Digital Key Phone

EON310 is an Executive Digital Key Phone engineered to deliver feature-rich, reliable and efficient business communications. With its sophisticated design and classy looks, EON310 is tightly integrated with ETERNITY IP-PBX systems for speed of operations and better workforce collaboration. The smart and intelligent Deskphone is suitable for business executives, office professionals and knowledge workers of any small to large sized organizations.

Key Features



2 Line LCD with Backlit



Headset Interface
- 3.5mm, RJ9



Fixed Function Keys
(with LED) Voice Mail, Mute,
Do Not Disturb, Logs, Speaker



High Quality Full
Duplex Speaker
Phone



Fixed Function Keys
(without LED) Hold,
Conference, Redial, Transfer



Adjustable Desk
Stand



12 DSS/BLF Keys for
Feature, Line, Extension



Message Wait
and Ringer Lamp



PC and LAN Ethernet Ports



Power over Ethernet
(IEEE 802.3af)

EON510- Premium Digital Key Phone

EON510 sets the benchmark for quality performance with elegant design and crystal-clear voice. EON510 features a Vivid LCD Graphical Display, Context Sensitive Keys, Direct Station Selection (DSS) Keys, Headset Connectivity, High Quality Full Duplex Speaker Phone and HD Audio Quality.

EON510 acts as a face of your communication system by delivering advanced features such as multiple line appearance, context sensitive soft keys, busy lamp field, voice mail, speed dial and corporate directory. EON510 is suitable for mid-level managers, business executives, office professionals, concierge and knowledge workers. The state-of-the-art Deskphone designed for intensive business use offers advance telephony features and efficient business communications.

Key Features



240*64 Pixels Graphical LCD with Backlit



Built-in 16 DSS Keys for Feature, Line, Extension



4 Programmable Context Sensitive Keys



Message Wait and Ringer Lamp



Alphanumeric Dial Pad Keys



Headset Interface - 3.5mm, RJ9



Fixed Function Keys (with LED) Voice Mail, Mute, Do not Disturb, Headset, Speaker



Adjustable Desk Stand



Fixed Function Keys (without LED) Hold, Conference, Redial, Transfer



High Quality Full Duplex Speaker Phone



IP PHONES

SPARSH VP is a Matrix Flagship range of IP Phones engineered to meet the needs of business communications. With revolutionary looks and advanced Technical Design, it delivers a feature rich experience offering High-Definition Voice, adjustable LCD screen and touch sensitive keys. Matrix SPARSH VP series of IP Phone is available in three variants- VP248, VP310 and VP330E.

Key Features



Full-Duplex Speaker Phone



2 Line Adjustable LCD with Backlit



12 Touch Sense Features Keys - Call Back, Hold, Transfer, Forward, Conference, Redial, Release, Do Not Disturb, Mute, Phonebook, Cancel, Voice Mail



Message Wait and Ringer Lamp



64 Keys Expansion Module (DSS16x4)



Desk-Top and Wall Mounting



SPARSH VP248SE - IP Phone with 2 Line LCD and PoE Support











SPARSH VP248S - IP Phone with 2 Lines LCD

SPARSH VP310 - Executive IP Phone

SPARSH VP310 is engineered to offer a contemporary design with crystal-clear audio and feature-rich capabilities at economical price. Elegant design, built-in programmable DSS Keys and plug-n-play connectivity makes SPARSH VP310 an easy to use phone for executives. SPARSH VP310 works in tight integration with ETERNITY IP-PBX systems for speed of operations and efficient call management.





Key Features

- | | | | |
|--|--|--|--|
|  | 2 Line LCD with Backlit |  | Headset Interface - 3.5mm, RJ9 |
|  | Fixed Function Keys (with LED) Voice Mail, Mute, Do Not Disturb, Logs, Speaker |  | High Quality Full Duplex Speaker Phone |
|  | Fixed Function Keys (without LED) Hold, Conference, Redial, Transfer |  | Adjustable Desk Stand |
|  | 12 DSS/BLF Keys for Feature, Line, Extension |  | Message Wait and Ringer Lamp |
|  | PC and LAN Ethernet Ports |  | Power over Ethernet (IEEE 802.3af) |

SPARSH VP330 - The Touch Screen IP Phone

SPARSH VP330 is an intuitive touch screen IP phone with 4.3" vivid color display offering superior calling experience and efficient call management. Ideal for use by knowledge workers, executives, mid-level managers and supervisors, SPARSH VP330 provides productivity features such as crystal-clear voice, on-screen DSS/BLF screens, presence, 6 Fixed function keys, 12 DSS keys, and Power over Ethernet (PoE) support.

Key Features

- | | | | |
|--|---|---|---|
|  | 4.3" Large Color Touch Screen Display |  | Presence Indication |
|  | Ergonomic and Modern Design |  | Local Phonebook (500 Entries) and LDAP Client |
|  | Fixed Function Keys - Hold, Transfer, Conference, Voice Mail, Headset, Mute |  | PC and LAN Ethernet Ports |
|  | Superior Voice Quality with HD Audio |  | Power over Ethernet (IEEE 802.3af) |
|  | On-screen BLF monitoring - 18 Contacts |  | Built-in 12 DSS Keys for Feature, Line, Extension |



SPARSH VP110 - The Business IP Phone

SPARSH VP110 is a new breed of entry-level SIP phone that redefines the desktop telephony experience and quality of business communications. It provides features and functions normally available in high-end phones such as large graphical LCD, 5-line display, context sensitive keys, full-duplex speakerphone, integrated PoE, auto provisioning and broad array of call management features.

A perfect fit for everyday users with basic communication needs, SPARSH VP110 finds its applications in Call Centers, Enterprises, Small Businesses and Branch Offices.



Key Features

- 

Enhanced Desktop Viewing
132 x 64 Pixel Graphical Display
- 

Suitable for Mass Deployment
Auto Provision, Tr069
- 

Easy to Use
Context Sensitive and Fixed Function Keys
- 

Future Ready
IPv6 Ready, PC and LAN Ports
- 

Clear Voice
Full Duplex Speakerphone with AEC, VAD, CNG
- 

Phone Book
Stores up to 1000 Entries
- 

Secure Communications
TLS/SRTP for Voice Security
- 

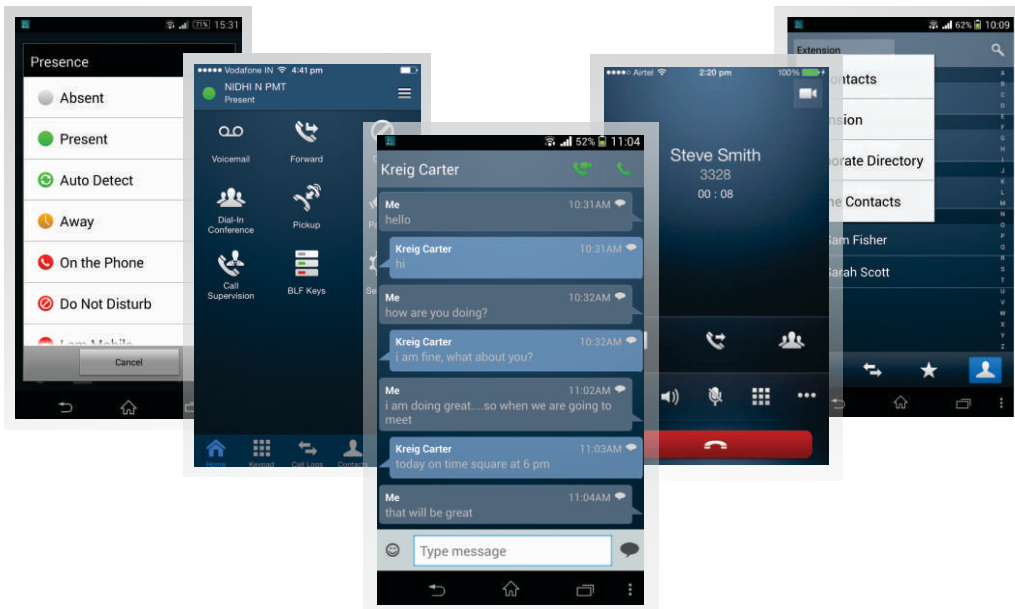
Installation
Wall Mount, Table-top
- 

Simple Power Management
Integrated PoE (802.3af)
- 

Feature -Rich User Experience
Dial Plan, Phonebook, Auto Firmware Upgrade

SPARSH M2S - Mobile Softphone for Android/iOS

SPARSH M2S unlocks the new arena of flexibility for dynamic workplaces through tight integration with Matrix IP Phone Systems. While working from anywhere, SPARSH MS offers advance call management features to deliver consistent in-office experience.



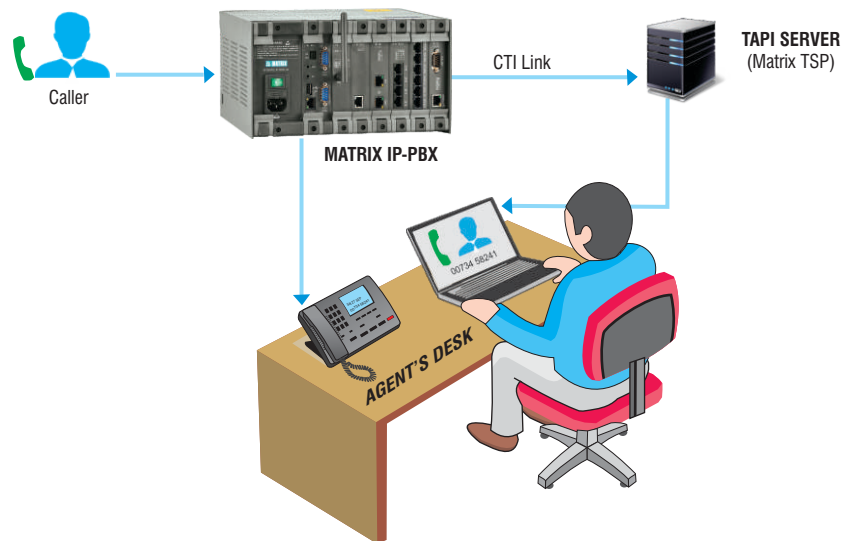
APPLICATIONS

COMPUTER TELEPHONY INTEGRATION (CTI)

CTI Interface with Matrix ETERNITY IP-PBX systems allows control of telephone from the PC which includes answering calls or hanging up, transferring, forwarding, conferencing, or placing calls on hold. Third-party CTI software with TAPI2.2 support can be used as medium between CTI Application and IP-PBX.

Key Features

- Create Innovative Business Applications like IVR, ACD, Dialers, Voice Logging, etc. with third-party CTI Applications
- Integration with Various Customer Database like MS Outlook, CRM, ERP, etc.
- Live Monitoring of Trunks and Extensions
- Get Customer Information Prior to Call Connection

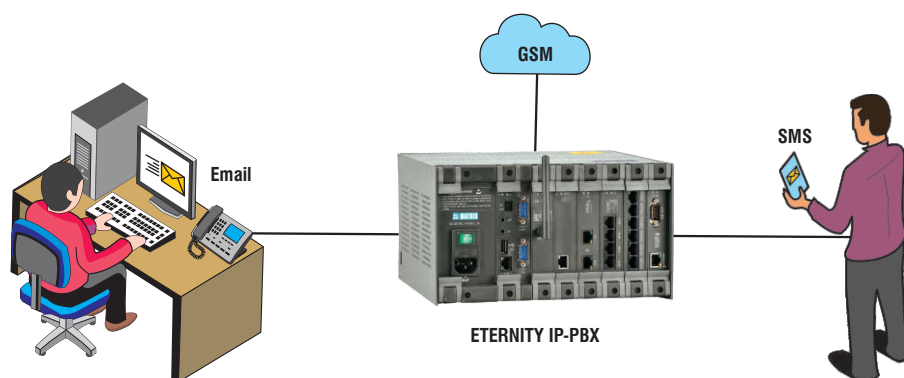


EMAIL TO SMS

Email to SMS feature of ETERNITY IP-PBXs allow businesses to avail the benefits of SMS messaging through the existing email platforms. Email to SMS enable users to send SMS from their email client using GSM SIM in the Matrix IP-PBX. It supports Bulk SMS with flexibility of assigning it to selective users.

Key Features

- Compatible with Majority of Email Clients (Gmail, MS Outlook, Yahoo Mail, etc.)
- Saves Cost as No Third-party Software Required
- Send Bulk Messages with up to 999 Numbers
- Get Report of Delivery Status on Email



SMS GATEWAY

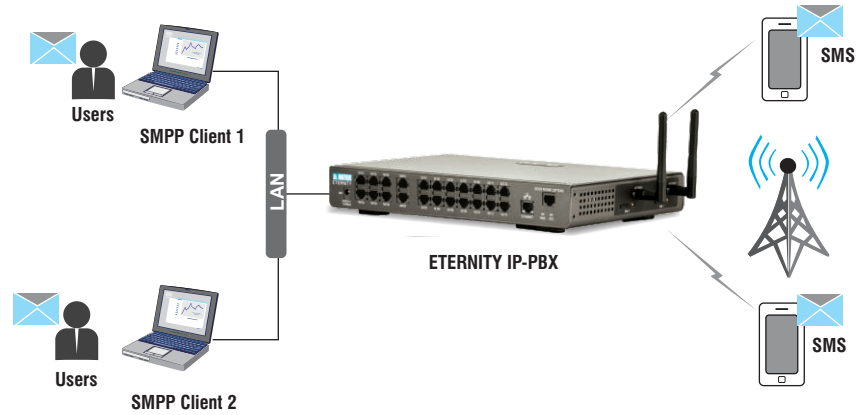
Easy to use SMS client software installed on a computer can send/receive SMS using GSM SIM of Matrix IP-PBX. SMS Gateway is used for SMS marketing, Reminders, Greetings, Confirmations, Information Updates, Surveys, Notifications and e-mail Integrations.

Key Features

- No need of Internet Connection
- Send Confidential and Secured Messages
- Instant Delivery of the Message and its Status Report
- Two-way Messaging for Customer Feedback

Applications

- One Time Password (OTP) Generation for Online Payments
- Traffic Updates to Inform the Traffic Environment and Accident Prone Zones
- Bulk SMS
- Fire Alert for Accident Safety

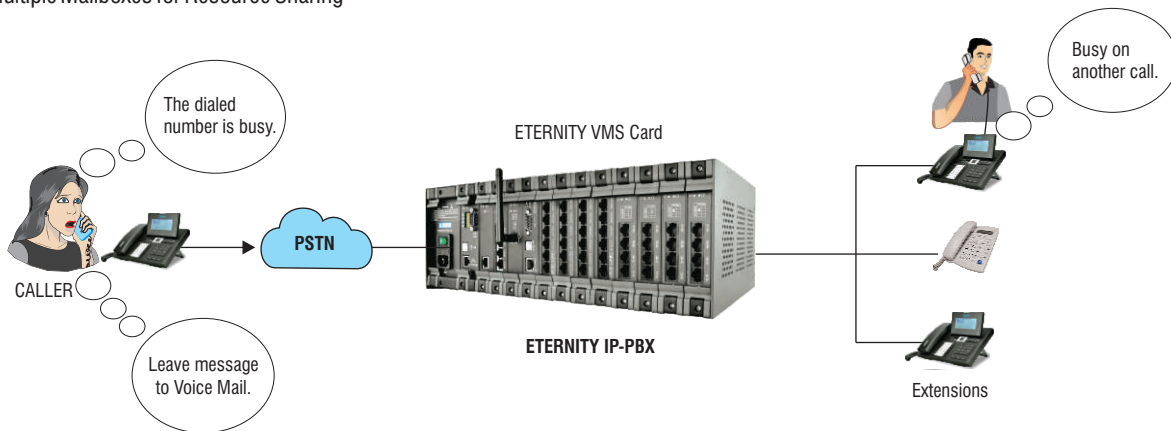


VOICE MAIL

ETERNITY IP-PBX supports Voice Mail System (VMS) through an optional VMS card. It provides a full-fledged in-skin Voice Mail System designed to provide variety of applications usually supported by any external Voice Mail System.

Key Features

- Multi-lingual Auto-Attendants for Efficient Call Routing
- Conversation Recording for Critical Business References and Record Keeping
- Notification via Email for Quick Access to Message
- Multiple Mailboxes for Resource Sharing



Detailed Graph and Node Structure

Conversation Recording Up to 576 Hours

Multiple Auto-Attendants

Personalized Greetings

TARGET CUSTOMERS



CORPORATE OFFICES



HOTELS-MOTELS



BUILDING INTERCOM



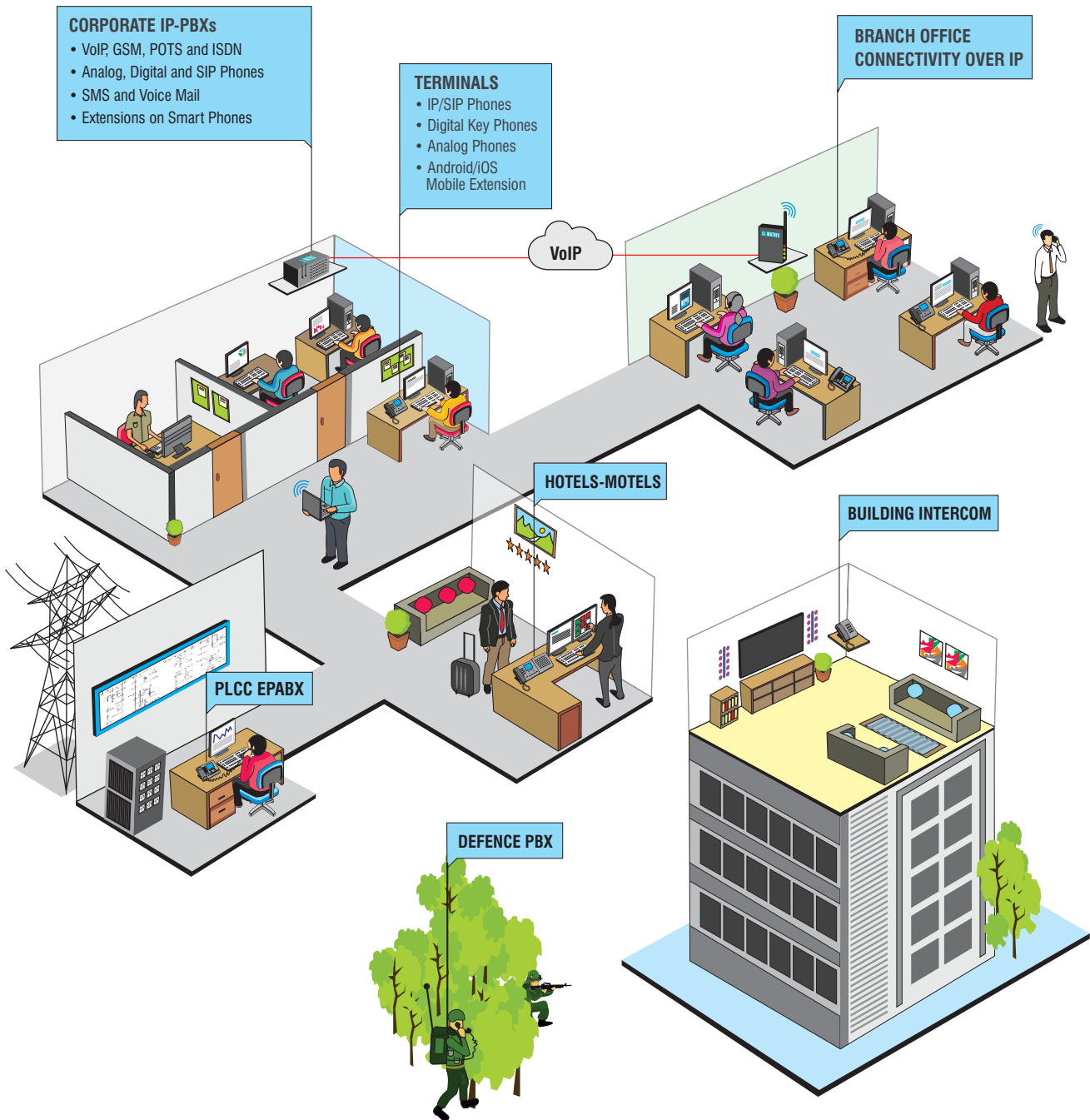
SERVICE PROVIDERS



DEFENCE



PLCC



SYSTEM RESOURCES

SYSTEM CAPACITY	VISIONPRO	ETERNITY NE	ETERNITY PE	ETERNITY GE	ETERNITY ME	ETERNITY LE
Universal Slots	-	-	6	12	16	28
CO Ports	4	6	16	64	128	128
SLT Ports	12	14	48	240	512	1344
DKP/DSS Ports	-	2	32	96	128	128
IP Extensions	-	16	50	500	999	1500*
BRI Ports	-	-	12	32	32	32
T1/E1/PRI Ports	-	-	6	8	8	24
GSM/3G Ports	-	2	8	40	64	128
E&M Ports	-	-	-	32	128	128
Voice Mail System	-	4 Channels 36 Mailboxes, Email Notification	16 Channels, Mailboxes for Individual Users, Email Notification			
Magneto Ports	-	-	-	16	128	128
Radio Ports	-	-	-	16	16	16

* From onwards ETERNITY LE V12R5.1.3 VoIP Card V2R6

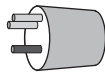
TRUNK OPTIONS



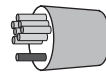
Fixed Telephony
(CO/TWT)



E&M



ISDN BRI



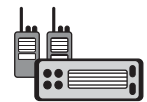
ISDN T1/E1/PRI



SIP Trunking (VoIP)



Mobile Voice
GSM SIM



Radio

USER OPTIONS



Analog Phone



Digital/IP Phone



Digital Operator Console



IP Phone



SIP Phone



Android/iOS based
Smartphone

MATRIX NETWORK



MATRIX CUSTOMERS

Over the past 20 years, Matrix products have contributed significantly to improving efficiency and productivity of many organizations by providing dependable telecom solutions to them. Matrix customers are diverse and include large corporate offices, telecom service providers, institutions, factories, call centers, hotels, hospitals, housing societies and apartment buildings and residences. To name a few:

ABB
 Apollo Hospitals
 American Express
 Bajaj Auto
 Bharti Airtel
 Bharat Petroleum
 Blue Dart Express
 Cadila Pharmaceuticals
 Carrier Airon
 Cipla
 Dr. Reddy's Lab
 Domino's Pizza
 Defence Research & Development Organization
 Du-Pont

Garnier Laboratories
 GEC Alstom
 Grindwell Norton
 Glenmark Pharmaceuticals
 Indian Oil Corporation
 Indian Space Research Organization (ISRO)
 Johnson & Johnson
 KFC
 Larsen & Toubro
 L'Oreal India
 McDowell
 Micromax
 MTS India
 National Bank of Abu Dhabi

Pepsi
 Price Waterhouse Coopers
 Raymond
 Reliance Communications
 State Bank of India
 Sun Pharmaceutical
 Tala Tele Services
 Tv18
 Tommy Hilfiger
 Hindustan Unilever
 Vodafone
 Woodland
 World Bank, Ghana
 Writers Corporation

ABOUT MATRIX

Established in 1991, Matrix is a leader in Telecom and Security solutions for modern businesses and enterprises. An innovative, technology driven and customer focused organization; Matrix is committed to keep pace with the revolutions in the telecom and security industries. With more than 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like IP-PBX, Universal Gateways, VoIP Gateways and Terminals, GSM Gateways, Access Control and Time-Attendance Systems, Video Surveillance System and Fire Alarm Systems. These solutions are feature-rich, reliable and conform to the international standards. Having global foot-prints in Asia, Europe, North America, South America and Africa through an extensive network of more than 500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained trust and admiration of customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.



For further information, please contact:



MATRIX COMSEC

Head Office
 394-GIDC, Makarpura, Vadodara-390 010, India.
 Ph: +91 265 2630555
 E-mail: Inquiry@MatrixComSec.com
 SMS 'MATRIX' to +91 99987 55555

Factory
 19-GIDC, Waghodia, Dist. Vadodara-391 760, India.
 Ph: +91 2668 263172/73

www.MatrixTeleSol.com

Due to continuous technology upgradations, product specifications are subject to change without notice.

