PBX PRODUCT CATALOG

OFFICE COMMUNICATION SOLUTIONS

UNIFIED MESSAGING

HOTEL COMMUNICATION SOLUTIONS

IP TELEPHONY

MULTI-SITE CONNECTIVITY

CALL CENTER SOLUTIONS

SIP TRUNKING

MOBILITY

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
- APPLICATIONS

MATRIX
TELECOM SOLUTIONS

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 Vadodara 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 form 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 hands-on 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 ETERNITY and VISIONPRO series of products are family of PBXs. This PBX range of products offer 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 exact needs of any organization.

PBX-KTS Application Areas

Matrix PBX 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

Given below is a snapshot view of the Matrix range of PBX and Key Phone Systems along with their key specifications:

PBX and Key Phone Systems / Key Specifications	VISIONPRO0206 VISIONPRO0308 VISIONPRO0412	ETERNITY NE4/NE6/ NE312/NE416	ETERNITY PE3SS	ETERNITY PE3SP ETERNITY PE6SP	ETERNITY GE6S ETERNITY GE12S	ETERNITY ME10S ETERNITY ME16S	ETERNITY LE
Connectivity							
CO(FXO)	Yes	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	Yes
VoIP	-	Yes	Yes	Yes	Yes	Yes	Yes
E&M	-	-	-	-	Yes	Yes	Yes
Analog Phone	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Digital Key Phone	-	Yes	Yes	Yes	Yes	Yes	Yes
Operator Console (DSS)	-	Yes	Yes	Yes	Yes	Yes	Yes
IP Phone	-	Yes	Yes	Yes	Yes	Yes	Yes
Magneto Phone	-	-	-	-	Yes	Yes	Yes
Auxilary Ports							
External Music Port	-	-	-	Yes	Yes	Yes	Yes
Sensor Port	-	-	-	-	Yes	Yes	-
Relay Port	-	-	-	-	Yes	Yes	-
Public Address System Port	-	-	-	Yes	Yes	Yes	Yes
Featuers							
Auto-Attendant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CLI-DTMF	Yes	Yes	Yes	Yes	Yes	Yes	Yes
CLI-FSK	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Multi-paricipants Conference	3	6	6	6/15	15	21	45
Hotel-Motel Features	-	-	Yes	Yes	Yes	Yes	Yes
PMS Interface	-	-	Yes	Yes	Yes	Yes	Yes
Voice Messages	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SMDR (Call Detail Record)	-	Yes	Yes	Yes	Yes	Yes	Yes
Remote Programming	Yes	Yes	Yes	Yes	Yes	Yes	Yes
PC based Programming	-	Yes	Yes	Yes	Yes	Yes	Yes
Conference Dial-in	-	Yes	Yes	Yes	Yes	Yes	Yes
Return Call to Original Caller	-	Yes	Yes	Yes	Yes	Yes	Yes
Call Budget on Trunks	-	Yes	Yes	Yes	Yes	Yes	Yes
Call back on Trunks	-	Yes	Yes	Yes	Yes	Yes	Yes
Mobile Extension	-	Yes	Yes	Yes	Yes	Yes	Yes
Security Dialer	-	-	Yes	Yes	Yes	Yes	Yes
Voice Mail System	-	Yes	Yes	Yes	Yes	Yes	Yes
Scheduled Call Forward	-	Yes	Yes	Yes	Yes	Yes	Yes
Abbreviated Dialing	-	Yes	Yes	Yes	Yes	Yes	Yes
Authority Code	-	-	Yes	Yes	Yes	Yes	Yes
Virtual Extension	-	Yes	Yes	Yes	Yes	Yes	Yes
Call Taping	-	Yes	Yes	Yes	Yes	Yes	Yes
Computer Telephony Integration	-	Yes	Yes	Yes	Yes	Yes	Yes
Email to SMS	-	Yes	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 products 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 GE/ME/LE: The IP-PBX with Seamless Mobility and Universal Connectivity

ETERNITY GE, ME and LE is a family of IP-PBX solutions. It is specially designed to meet enterprise applications. It can offer solution for organizations having requirement up to 1000 IP and 1344 TDM users.
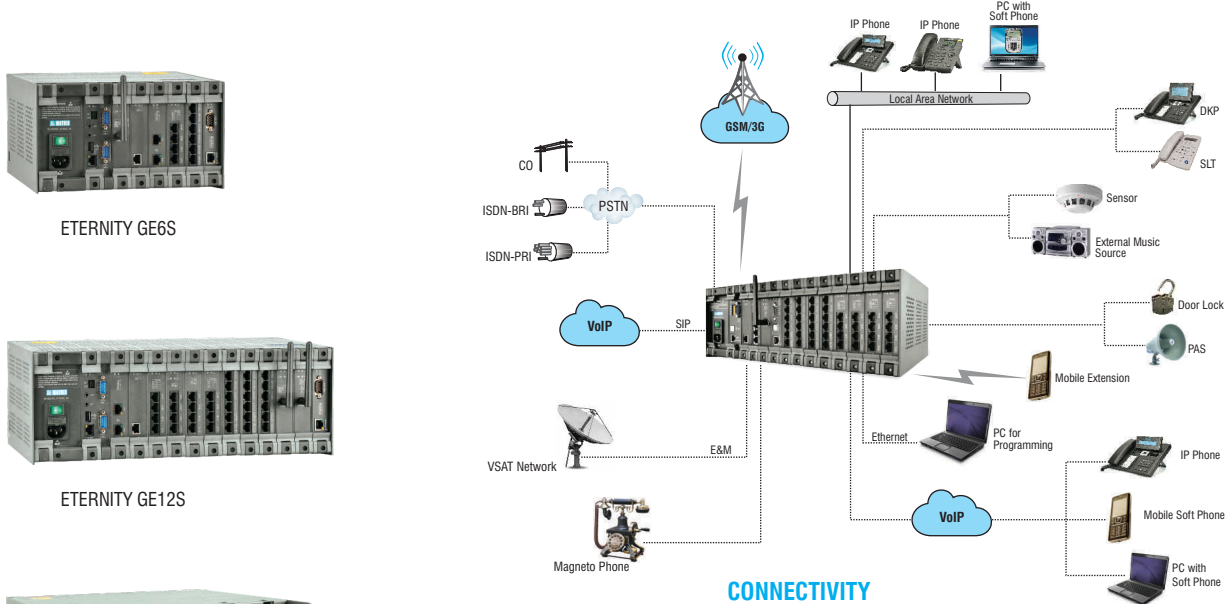
ETERNITY GE6S

ETERNITY GE12S

ETERNITY ME10S

ETERNITY ME16S

ETERNITY LE

CONNECTIVITY
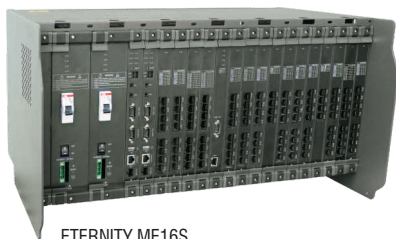
ETERNITY GE: The All-Integrated Communication Platform for Growing Enterprises ETERNITY GE is offered in two variants – 6 and 12 Universal Slots. All the cards including CPU and Power Supply are interchangeable.

ETERNITY ME: The Complete Communication System for Modern Enterprises ETERNITY ME is offered in two variants – 10 Universal Slots and 16 Universal Slots

ETERNITY LE: The Communication Platform for Large Enterprises ETERNITY LE is the eldest and the biggest in the family and targeted to large enterprises. It is offered with 28 Universal Slots.

Connectivity

- Single Line Telephone (SLT)
- Digital Key Phone (DKP)
- Operator Console (DSS)
- IP Phone (SIP)
- Magneto Phone (ETERNITY ME)
- Voice Mail System

- Analog CO Line (TWT)
- ISDN BRI (TE/NT)
- ISDN T1/E1/PRI
- GSM/3G (Mobile)
- VoIP Trunk
- Radio (HF/VHF/UHF)
- E&M Line

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 (ETENRITY 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

SMB IP-PBX

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

Modern growing businesses require communication system 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 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.

SPECIFICATIONS	ETERNITY PE3SS	ETERNITY PE3SP	ETERNITY PE6SP
Universal Slots	3	3	6
Analog CO Lines	8	8	16
Analog Extensions	24	24	48
Digital Extensions	24	24	32
IP Extensions	50	50	50
ISDN BRI Trunks	–	6	12
T1/E1/PRI Lines	–	3	6
VoIP Trunks	8	8	8
GSM Trunks	8	8	8

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.

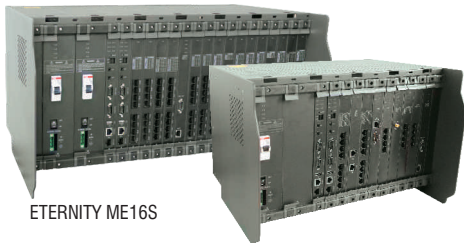ETERNITY PE6SP   ETERNITY PE3SP   ETERNITY PE3SS

ETERNITY GE12S

ETERNITY GE6S

ETERNITY ME16S

ETERNITY ME10S

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 in hotel property.

Matrix offers a complete hospitality solution for small budget to luxury hotels with 20 to 1000 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!
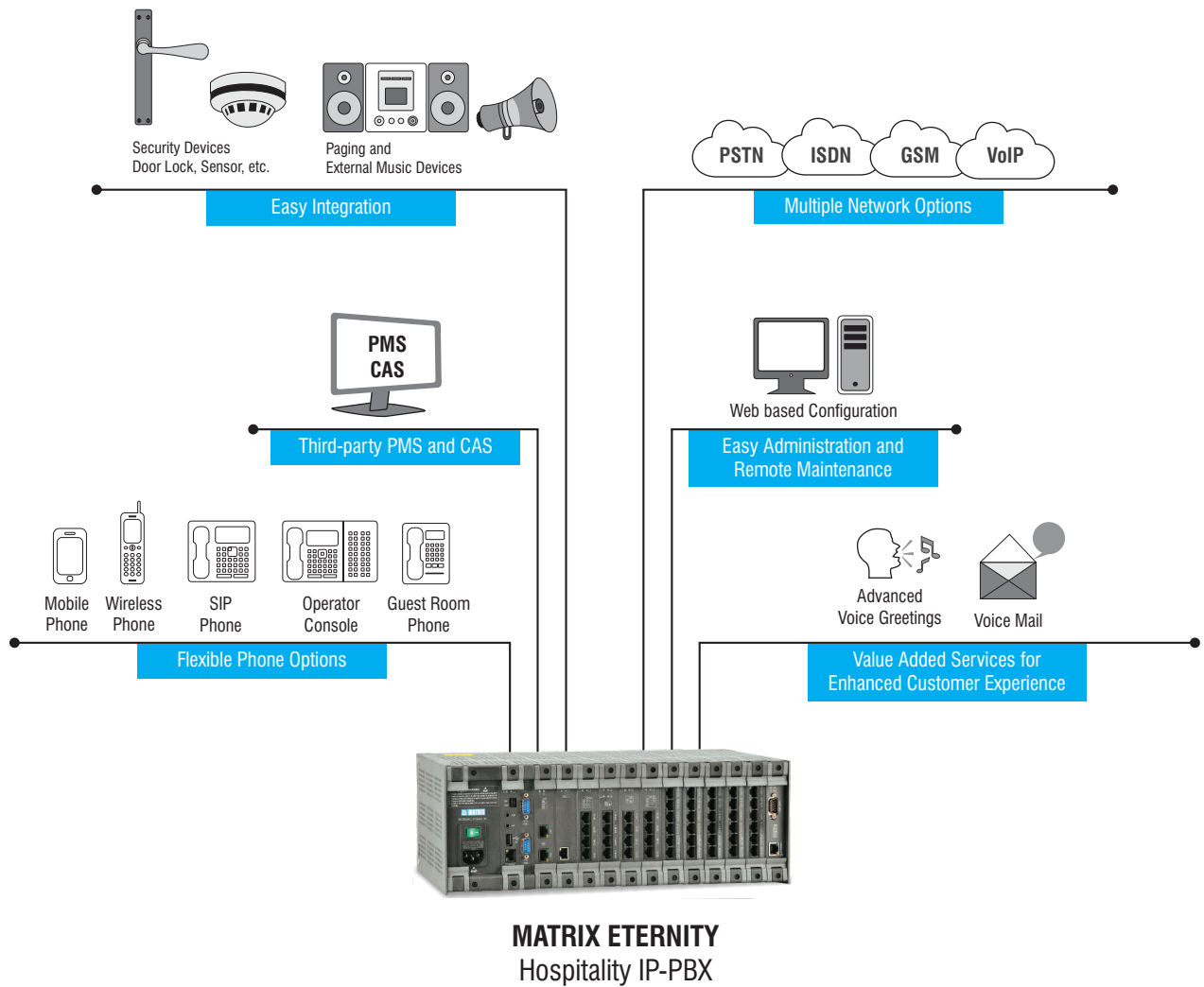
Product	Capacity
ETERNITY PE3SP	Up to 20 Rooms
ETERNITY PE6SP	Up to 40 Rooms
ETERNITY GE6S	Up to 100 Rooms
ETERNITY GE12S	Up to 200 Rooms
ETERNITY ME10S	Up to 300 Rooms
ETERNITY ME16S	Up to 450 Rooms
ETERNITY LE	Up to 1000 Rooms

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

Security Devices
Door Lock, Sensor, etc.

Paging and
External Music Devices

PSTN · ISDN · GSM · VoIP

Easy Integration

Multiple Network Options

PMS
CAS

Web based Configuration

Third-party PMS and CAS

Easy Administration and
Remote Maintenance

Mobile
Phone

Wireless
Phone

SIP
Phone

Operator
Console

Guest Room
Phone

Advanced
Voice Greetings

Voice Mail

Flexible Phone Options

Value Added Services for
Enhanced Customer Experience

MATRIX ETERNITY
Hospitality IP-PBX

PMS Integration

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

- Micros Opera
- IDS
- RMS
- eZeeTechnosys – eZee
- Protel
- Winsar Infosoft – WINHMS

- Auto Clerk
- Acumen Software – HOTSOFT
- CHaR
- Power Brain – POWER HMS
- Amadeus
- 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 empowers 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 offered in two variants:
ETERNITY GE6S
ETERNITY ME10S

ETERNITY ME10S

ETERNITY GE6S

Key Features

- Alternate Routes
- Built-in Auto Attendant Features
- Compander 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

SOHO PBX

VISIONPRO: The Digital PBX for Small Offices

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

Introducing Matrix VISIONPRO, a compact digital PBX for small offices, home offices, restaurants and clinics offering 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 the 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 business 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.
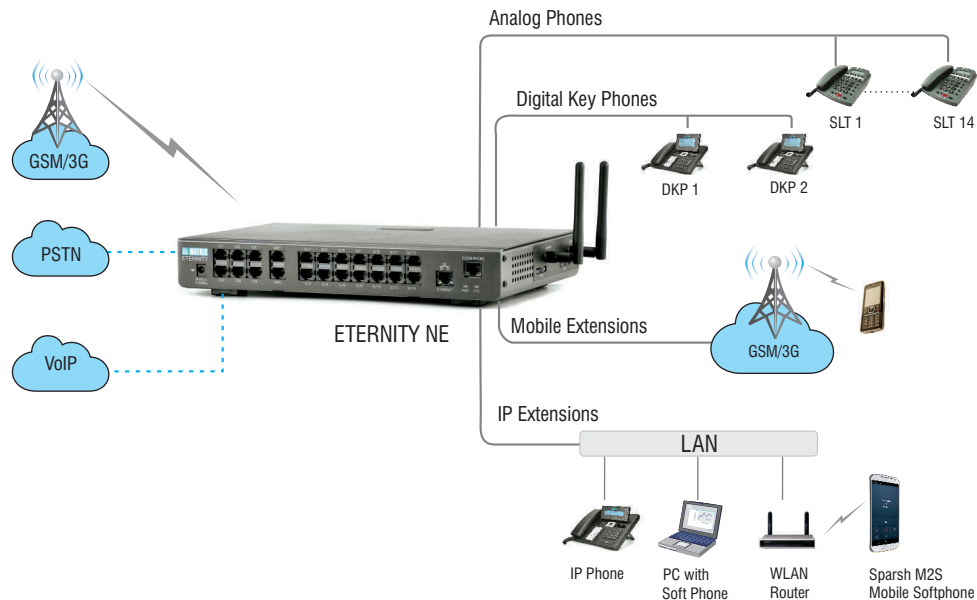
ETERNITY NE CONNECTIVITY

SPECIFICATIONS	ETERNITY NE312	ETERNITY NE416	ETERNITY NE4	ETERNITY NE6
CO Ports	3	4	4	6
Single Line Telephones	6	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
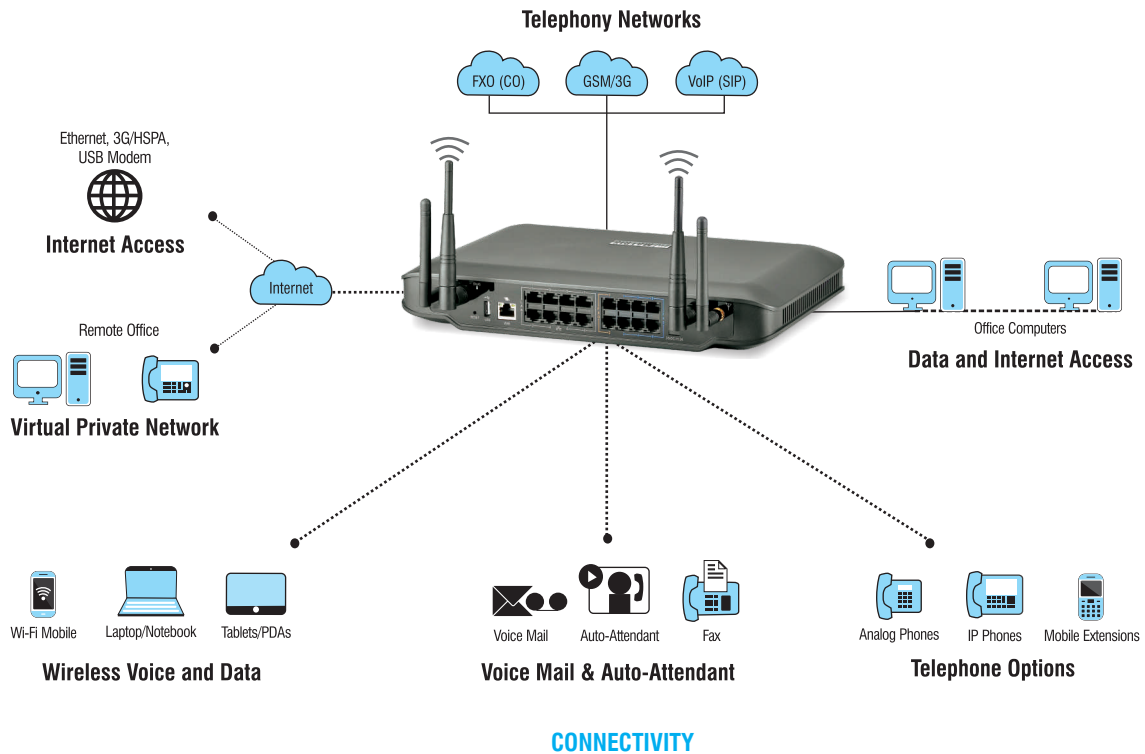- Web based Programming

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. Resulting into huge savings on future investments, maintenance & repair costs and expensive IT staff to manage separate voice & data networks.

Telephony Networks

FXO (CO)   GSM/3G   VoIP (SIP)

Ethernet, 3G/HSPA, USB Modem

Internet Access

Internet

Remote Office

Virtual Private Network

Data and Internet Access

Office Computers

Wi-Fi Mobile   Laptop/Notebook   Tablets/PDAs
Wireless Voice and Data

Voice Mail   Auto-Attendant   Fax
Voice Mail & Auto-Attendant

Analog Phones   IP Phones   Mobile Extensions
Telephone Options

CONNECTIVITY

Key Features

Fully Featured IP-PBX
• VoIP, GSM/3G, FXO Lines
• 24 IP Users, 8 Analog Users

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

High-Speed Internet
• 3G/HSPA/LTE, USB Modem, Ethernet
• Auto Fallback Option

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

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

Networking
• Virtual Private Network
• (SSL, IPsec, PPTP, L2TP VPN)

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

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 three variants- EON48P, EON48S and EON310.

EON48P

EON48S

EON310

Key Features

- Full-Duplex Speaker Phone
- 6x24 and 2x24 LCD with Swivel, Backlit and Contrast Control
- Message Wait Lamp

- Ringer Lamp
- Programmable Keys
- Touch Sense Keys for Features
- More Direct Station Keys on Optional Attachment (DSS16x4)

- Upright and Horizontal Angles for Desktop Mounting
- Desk-Top and Wall Mounting

EON48P with DSS16x4

OPERATOR CONSOLE

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

IP PHONES

SPARSH VP : SIP based VoIP 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- VP248S, VP248SE and VP110

SPARSH VP248: Feature-rich SIP Phones

SPARSH VP248 is a high-definition VoIP phone built with superior acoustics and elegant design to provide unsurpassed audio quality and rich user experience. Their standard SIP based design makes them compatible with any SIP infrastructure like soft switches, IP-PBXs, Registrar and Proxies.

SPARSH VP248SE with 2 Lines x 24 Characters LCD Display with PoE
SPARSH VP248S with 2 Lines x 24 Characters LCD Display

SPARSH VP248S/SE

Key Features

- HD Audio
- Adjustable LCD
- Touch Sense Keys
- Programmable Feature Keys
- Busy Lamp Field (BLF) Indication
- Multi-language Support
- Phone Book (100 Entries)

- Anonymous and Selective Call Rejection
- Auto Answer with Headset Interface
- Conference
- DHCP, PPPoE, NAT and STUN
- Voice Mail Indication

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.

Perfect fit for everyday users with basic communication needs, SPARSH VP110 finds its applications in call centers, enterprises, small businesses and branch offices.

At-a-Glance

- **Enhanced Desktop Viewing**
  132 x 64 Pixel Graphical Display

- **Easy to Use**
  Context Sensitive and Fixed Function Keys

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

- **Secure Communications**
  TLS/SRTP for Voice Security

- **Simple Power Management**
  Integrated PoE (802.3af)

- **Suitable for Mass Deployment**
  Auto Provision, TR069

- **Future Ready**
  IPv6 Ready, PC and LAN Ports

- **Phone Book**
  Stores up to 1000 Entries

- **Installation**
  Wall Mount, Table-top

MOBILE SOFTPHONE for Android/iOS – SPARSH M2S

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.

Key Features

- Comprehensive Call Management
- One-Touch Access to PBX Features
- Call Hold, Transfer, Conference, Return, Forward, Pick-up
- Corporate Directory Integration
- Video Calling
- Presence Sharing and Instant Messaging
- Voice Mail Access
- Conversation Recording
- Busy Lamp Field (BLF) Keys

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
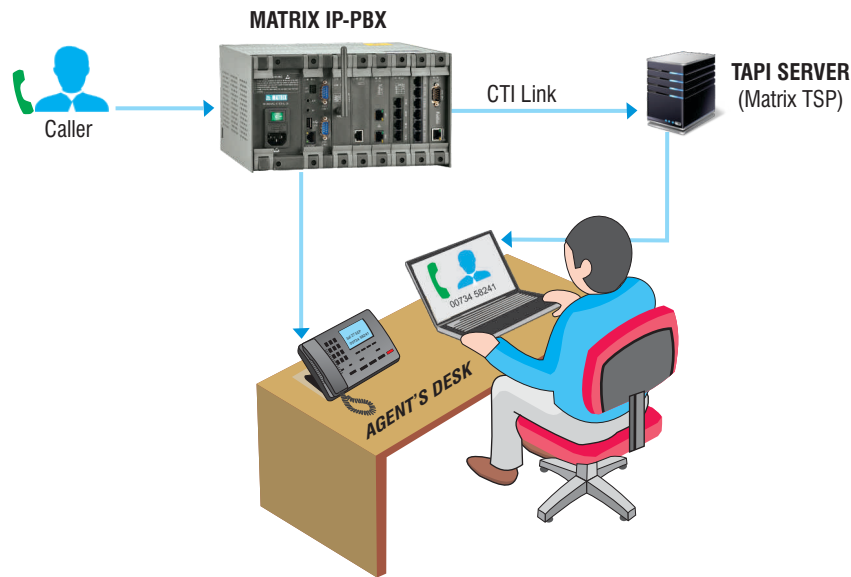
Email to SMS

Email to SMS feature of ETERNITY IP-PBXs allows business 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
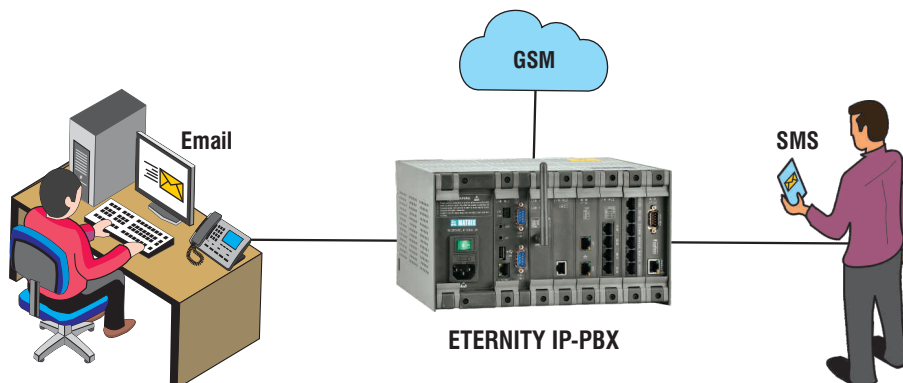
SMS Gateway

Easy to use SMS client software installed on 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
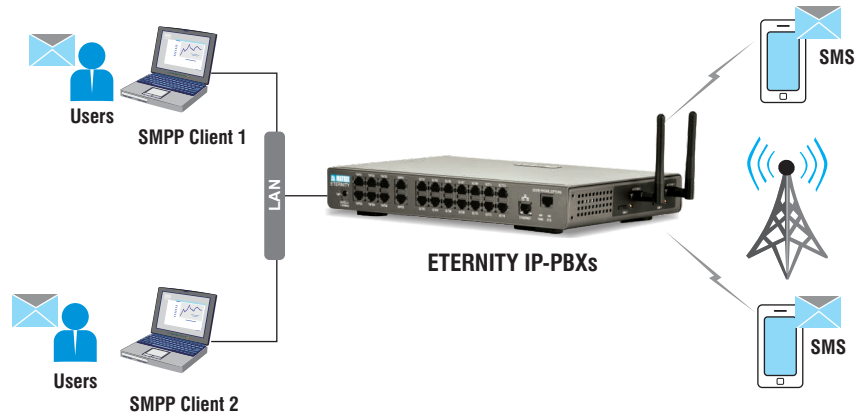
Voice Mail

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
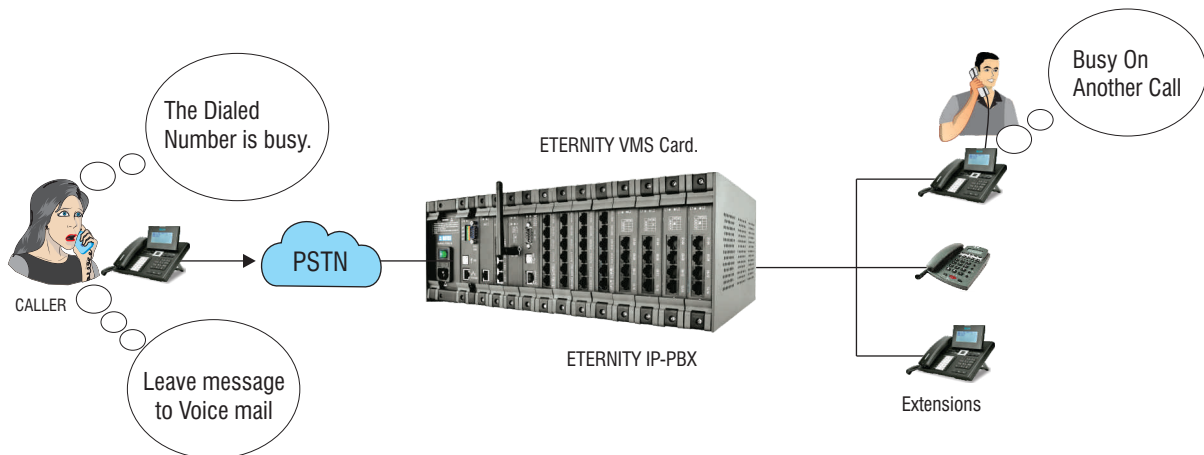
| Detailed Graph and Node Structure | Conversation Recording Up to 576 Hours | Multiple Auto-Attendants | Personalized Greetings |

SYSTEM RESOURCES

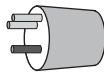| SYSTEM CAPACITY	VISIONPRO	ETERNITY NE	ETERNITY PE	ETERNITY GE	ETERNITY ME	ETERNITY LE
Universal Slots	-	-	6	12	16	28
CO Ports	4	6	16	64	128	128
SLT Ports	12	14	48	240	320/512*	1344
DKP/DSS Ports	-	2	32	48	64/128*	128
IP Extensions	-	16	50	500	999	999
BRI Ports	-	-	12	32	32	32
T1/E1/PRI Ports	-	-	6	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

TRUNK OPTIONS

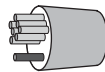
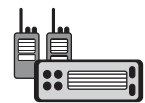Fixed Telephony (CO/TWT)   E&M   ISDN BRI   ISDN T1/E1/PRI   SIP Trunking (VoIP)   Mobile Voice GSM SIM   Radio

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USER OPTIONS

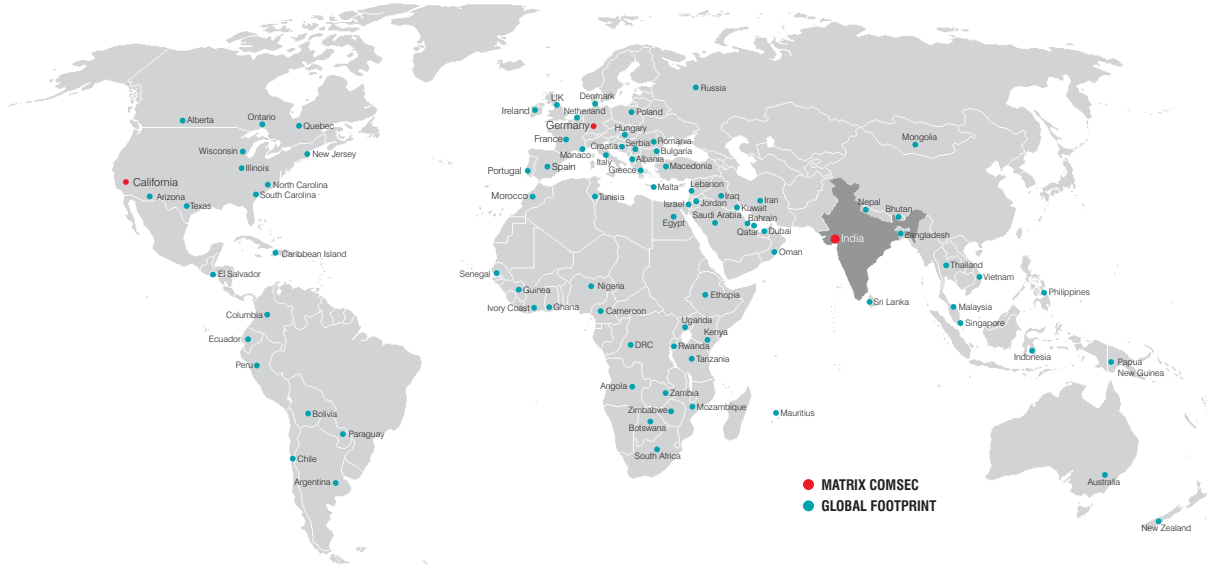Analog Phone   Digital/IP Phone   Digital Operator Console   IP Phone   SIP Phone   Android/iOS based Smartphone

MATRIX NETWORK

MATRIX COMSEC
GLOBAL FOOTPRINT

MATRIX CUSTOMERS

Over the past 18 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	Garnier Laboratories	Pepsi
Apollo Hospitals	GEC Alstom	Price Waterhouse Coopers
American Express	Grindwell Norton	Raymond
Bajaj Auto	Glenmark Pharmaceuticals	Reliance Communications
Bharti Airtel	Indian Oil Corporation	State Bank of India
Bharat Petroleum	Indian Space Research Organization (ISRO)	Sun Pharmaceutical
Blue Dart Express	Johnson & Johnson	Tala Tele Services
Cadila Pharmaceuticals	KFC	Tv18
Carrier Aircon	Larsen & Toubro	Tommy Hilfiger
Cipla	L'Oreal India	Hindustan Unilever
Dr. Reddy's Lab	McDowell	Vodafone
Domino's Pizza	Micromax	Woodland
Defence Research & Development Organization	MTS India	World Bank, Ghana
Du-Pont	National Bank of Abu Dhabi	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 around 30% 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.

MATRIX
TELECOM SOLUTIONS

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V2.R1. Jan'15

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

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