MATRIX TELECOM & SECURITY SOLUTIONS

10,000+ Government Customers

Service Network Across the Country

Designed, Developed and Manufactured in India

IP Video Surveillance

People Mobility Management

Unified Communications

Available on **GeM** Government e Marketplace

MATRIX ® **TELECOM | SECURITY**

MATRIX COMPANY PROFILE

MATRIX R&D
All Matrix products are indigenously designed passing through the various product development stages beginning with product conceptualization, hardware design section, software designing and engineering. With more than 40% 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 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 10,00,000 ports per annum. With more than 60 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 2,500 channel partners across the globe, Matrix ensures that the products serve the customer needs- faster and longer. Various marketing tools and activities including marketing collaterals, solution designing, online, and print media communication, promotional and networking activities form very elemental to Matrix marketing.

PEOPLE MOBILITY MANAGEMENT SOLUTIONS
Right People in Right Place at Right Time

- Face Recognition, Palm Vein, Fingerprint, RF Card and PIN
- Aadhaar Enabled Biometric Attendance System
- Access Control & Time-Attendance
- Cafeteria Management
- Employee Self Service Portal
- Contract Workers Management

UNIFIED COMMUNICATIONS
Collaboration. Connectivity. Experience

- Unified Communication Server for Modern Enterprises
- IP-PBXs for Large Enterprises, SME, SMB and SOHO
- UC Client for Android/iOS/Windows PC, IP/SIP Phones, Open Server Based PBX
- VOIP and GSM Gateways
- Universal Media Gateway

IP VIDEO SURVEILLANCE
Persistent, Proficient, Proactive

- Enterprise Video Management Software (VMS)
- Intelligent Video Analytics (IVA)
- Network Video Recorders (NVR)
- IP Cameras with Resolution Up to 5MP
- Mobile Applications

PEOPLE MOBILITY MANAGEMENT SOLUTIONS FOR GOVERNMENT ORGANIZATIONS

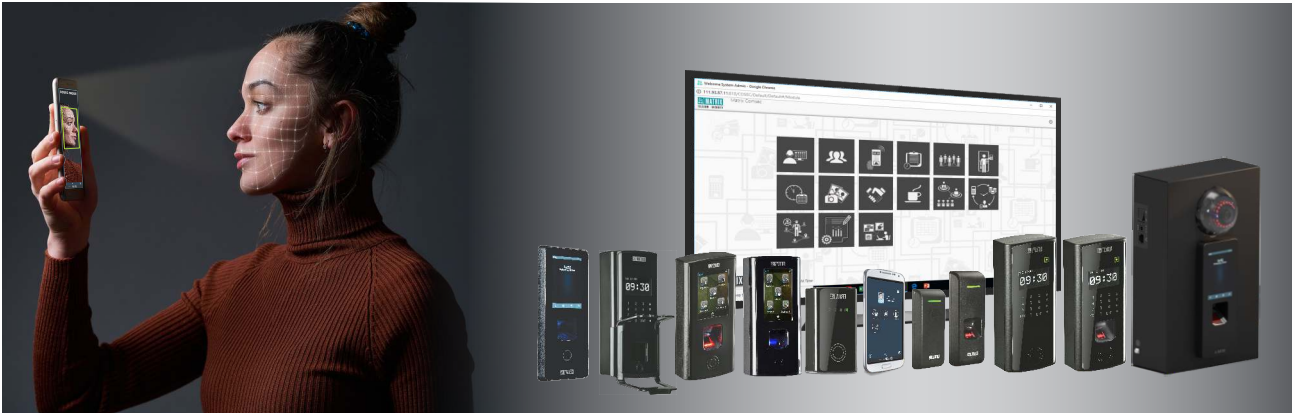*Right People in Right Place at Right Time*

Productivity of any organization depends on its effectiveness in putting the right people in the right place at the right time. Besides, an organization also has to safeguard its physical assets. These two seemingly contradictory requirements lead to challenges in finding optimum balance between security and productivity. Matrix COSEC is an adaptive, modular, scalable and function-rich Access Control, Time-Attendance and People Mobility Management solution designed for Government organizations.

EMBEDDED LINUX BASED AADHAAR ENABLED BIOMETRIC ATTENDANCE SYSTEM

Matrix COSEC VEGA FAXQ - Aadhaar Enabled Biometric Attendance System (AEBAS) is an embedded Linux based device for authenticating attendance using Aadhaar number and biometric (Face and Fingerprint) credentials as per Unique Identification Authority of India (UIDAI) guidelines. The purpose of having Aadhaar based biometric authentication is to ensure the visibility of all Government employees' attendance in real-time on the common attendance dashboard at http://attendance.gov.in/. This ensures transparency and accountability among employees to bring efficiency. Listed on atttendance.gov.in as BAS compatible device. Link: www.attendance.gov.in/FAQ/compatible_devices

Smart Card With
Aadhaar Number

+

COSEC VEGA FAXQ

Identification in Less
than 1.5 Seconds

3.5" Touch
Screen Display

Face, Fingerprint and Card based
Time-Attendance Terminal

Immune to Viruses
and Malware

RD Services
Compliant

LAN with PoE, Wi-Fi,
3G/4G Connectivity

Supports Regional
Languages

Multiple Mode of Connectivity
with Auto Fall Back

ACCESS CONTROL AND TIME-ATTENDANCE SOLUTIONS

TIME-ATTENDANCE:

- Flexible Attendance Policies
- Shifts and Schedules
- Leave Management
- Integration with Third Party Payroll, ERP, HRMS, Active Directory
- 200+ Reports and Charts

CAFETERIA MANAGEMENT:

- Menu Schedule
- Cash less Transactions
- Informative Reports
- Export Data to Payroll and Billing Software

ACCESS CONTROL:

- Time, Zone and User Based Access Control
- Centralized Monitoring and Control
- Real-time Notifications on Exception
- Integration with Fire Alarm and Video Surveillance
- Bluetooth & QR Code based Access Control
- Elevator Access Control

VISITOR MANAGEMENT:

- Pre-registration of Visitors
- Capture and Store Visitor Documents
- Visitor E-pass and Paper Pass
- Real-time Tracking of Visitors' Movement
- Access Control for Visitors
- Bluetooth & QR Code based Access Control
- Elevator Access Control

DIFFERENTIATORS

MULTIPLE CREDENTIALS
- Face Recognition, Palm Vein, PIN and Fingerprint - Multispectral and Optical
- RF Cards - Smart Cards and Proximity Cards

MULTIPLE CONNECTIVITY OPTIONS
- Wired and Wireless Connectivity Options
- 4G/LTE/3G, BLE, Wi-Fi, Ethernet and USB

COMPREHENSIVE AND FLEXIBLE ATTENDANCE POLICIES
- User-wise Late-In, Early-Out, Over Time, C-OFF and Absenteeism Policies
- Fully Configurable to Meet Diverse and Disparate Needs

CUSTOMIZED REPORTS GENERATION
- 300+ Customized Reports using Multiple Filters
- User Defined Report Templates with Customized Fields

EASY INTEGRATION
- Direct Integration with Payroll, ERP, HRM, Active Directory and Third Party Hardware
- API Integration at Three Levels – Function, Platform, and Device
- Integration using Export, Import, and Sharing Database Tables

AUTOMATIC ALERTS AND SCHEDULER SERVICES
- Automatic SMS and E-mail Notifications on Pre-defined Events
- Scheduler Services like Backup, Leave Credit, Report on E-mail at Configured Time

ON-PREMISE AND CLOUD BASED SOLUTION
- Monitor Employees' Attendance from Web Based Software & Mobile Application, Anytime Anywhere
- Automatic Data Push from Devices to Central Server

AWARD WINNING DESIGN AND AESTHETICS
- Many International Awards for Product Engineering and Aesthetics
- Gold Flash PCBs, Touch Sense Keys and Heavy Duty Components for Long Life

EASY SCALABILITY AND FLEXIBILITY
- Scalable and Modular Architecture to Meet Future Requirements
- Flexible and Configurable to Match Organizations' Exact Needs

PROVEN SOLUTION IN ENTERPRISES
- 15,000+ Satisfied Large Enterprise Customers
- Over Four Million Users on One Lakh Devices
- Installations Across the Globe – 50+ Countries

COMMUNICATION SOLUTIONS FOR GOVERNMENT ORGANIZATIONS

Collaboration. Connectivity. Experience

DIFFERENTIATORS

UNIFIED COMMUNICATION SERVERS

- IP at Core
- Hot Redundancy with No Call Disconnect
- Hot Swappable Cards
- Multi-location Solution
- Single Cabinet Architecture
- IPv6 Ready
- Radio Connectivity
- In skin GSM
- Centralized Management

UNIVERSAL MEDIA GATEWAYS

- Hybrid Solution - VoIP Ready + PSTN
- Universal Network Connectivity - POTS, T1/E1 PRI, GSM/4G, E&M and IP
- 4G/VoLTE Fixed Cellular Terminal
- Secure Communication over TLS & SRTP
- TR-069 Auto Configuration
- Call Details Record
- SNMP based Network Monitoring
- Local Station Survivability

IP & DIGITAL COMMUNICATION ENDPOINTS

- HD Audio Quality
- Mobility App for Android/iOS
- Presence Sharing and Instant Messaging
- DSS and BLF keys
- One Touch Feature Access
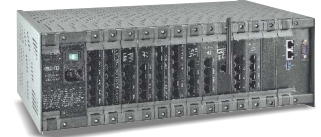
IP-PBX FOR LARGE OFFICES/INSTITUTIONS

Matrix offers various IP PBX models to cater specific needs of different sized offices as per their present requirement and future expandability. All these products have Universal slots to accommodate various types of interfaces. All these products support features and configuration requirements of modern day office requirements of IM, Voice Mail, Detailed Call Handling Features, Multi party conferencing, etc. They support IP Phones and Video Phone as well. All products support easy to use Web based programming capability and remote configuring ability as well.

ETERNITY MENX

ETERNITY LENX

ETERNITY GENX

SOHO and SMB IP-PBX

ETERNITY NENX-
SOHO IP-PBX

ETERNITY PENX-
Hybrid IP-PBX

SOHO PBX

VISIONPRO-
Digital PBX

Fixed Media Gateways

SIMADO GFX11-
GSM-4G-FCT

SIMADO GFX44-
GSM-3G-FXS

SETU VFXTH-
VoIP-FXO-FXS

SETU VTEP 4P/3P/2P/1P-
VoIP-T1/E1 PRI

USER TERMINALS

Matrix range of User Terminals is divided into three categories: IP Deskphones, Digital Deskphones and Mobility Extensions.

IP DESKPHONES

SPARSH VP series of endpoints are engineered with an aim of offering efficient call management and ease of use.

SPARSH VP510E
Premium IP Phone

- 240*64 Pixels Graphical LCD with Backlit
- 16 DSS/BLF Keys
- *32 Keys Expansion Module (DSS532)
- Power over Ethernet (PoE)
- Proprietary IP Phone

SPARSH VP210
Modern Business IP Phone

- 3 feature keys: Headset, Mute, Hands-free speaker phone
- 4 Context sensitive keys & 2 Line Keys
- 2 x RJ45 10/100/1000 Mbps Ethernet ports
- 128 x 64 Graphical LCD
- LED for Call, Message Wait Indicator
- 3-way Conferencing and Conference Multi-party
- Emergency Call and Comprehensive Call Feature

IP/DIGITAL OPERATOR CONSOLE

DSS532 – The operator console offers 32 programmable keys for helping businesses manage heavy traffic of incoming calls properly.

DSS532

SPARSH VP510E / EON510 WITH DSS532

- Maximum Four DSS532 per Operator
- No Need of IP User License/DKP Port
- 32 Programmable Keys

DIGITAL KEYPHONES

Matrix EON series of phones are engineered to offer reliable performance, quality of business communication and efficient call management.

EON510
Premium Digital Key Phone

- 240*64 Pixels Graphical LCD with Backlit
- 16 DSS Keys
- 4 Context Sensitive Keys
- *32 Keys Expansion Module (DSS532)

MATRIX VARTA - THE UC CLIENT FOR SEAMLESS COLLABORATION

Matrix VARTA is a UC Client elevating communication experience with its variety of collaboration features and intuitive interface. It comes loaded with a set of three features: Essential, Professional and Collaboration.

- **VARTA ADR100**
  UC Client Application for Android Application

- **VARTA AMP100**
  UC Client Application for IOS Smartphones

- **VARTA WIN200**
  UC Client for Windows PC

1000 DSS & 600 BLF keys

Outlook VARTA Integration

Corporate Directory Integration

Drag and Drop Conference

Presence Sharing

Contact Grouping

Call Management

TEC Approved   BIS   RoHS COMPLIANT   FC   CE CERTIFIED

*Optional

IP VIDEO SURVEILLANCE SOLUTIONS FOR GOVERNMENT ORGANIZATIONS

Persistent, Proficient, Proactive

Government organizations are responsible for ensuring the safety of their employees and security of the assets. Further, productivity and compliance are also strongly linked to video surveillance infrastructure. No wonder, video surveillance has emerged as a critical part of any organization's security strategy and infrastructure. Presenting Matrix SATATYA - a family of Video Surveillance solutions specifically engineered for serious deployments. Matrix SATATYA offers all standard video surveillance functions including video capturing, recording, streaming, live monitoring, playback and investigation. Additionally, SATATYA offers centralization, video analytics and value-added applications such as Command & Control, Parking Management and Weighbridge, and POS Integration. It's innovative Cognitive Response Engine allows customers to automate their routine surveillance activities.

VIDEO MANAGEMENT SYSTEM

- Centralized Management and Control
- Scalable upto 65,535 Cameras and upto 1000 users
- Integration with Access Control, Fire, BMS and Third-Party
- Cameras and NVRs
- Advanced Video Analytics

NETWORK VIDEO RECORDER

- Cascading up to 20 NVRs
- Higher Throughput - 512Mbps
- RAID 0, RAID 1, RAID 5, RAID 10 Support
- Storage up to 80TB (10TB x 8)
- 4K Resolution on HDMI 2.0 for LIVE View Streams up to 12MP

IP CAMERAS

- Complete Range - Dome, Bullet, PTZ
- Higher Resolution - 2MP & 5MP Variants
- Powered by SONY STARVIS sensors for Colored Images
- 120dB True WDR and H.265 Compression
- Larger Field of View
- Adaptive and Smart Streaming

DIFFERENTIATORS

BETTER VISIBILITY & CONTROL
- Real-time Visibility and Quick Response
- Centralized Management and Control
- VMS, Mobile App

SCALABLE
- Up to 65,535 Cameras
- Up to 1000 Users

FLEXIBILITY
- Recording without a Server
- Adapts to Any Organization Structure

CUTTING-EDGE TECHNOLOGIES
- EXMOR Technology in Cameras
- H.265 Compression Technique
- 4K Decoding in NVRs
- RAID Support in NVRs

INTELLIGENT VIDEO ANALYTICS
- Missing object, Intrusion, TripWire, Network/Camera Failure

STORAGE AND BANDWIDTH OPTIMIZATION
- Motion-based FPS Streaming
- Streams for Viewing, Storing and Recording

DATA SECURITY
- Scheduled Camera-wise Recording
- Playback and Event Based Recording

REAL-TIME SECURITY
- SMS/Email with Snapshot/Audio Notifications
- Call Button from Mobile App

EASY INTEGRATION
- Access Control, Fire Alarm, Burglar Alarm, ERP

SIMPLE OPERATIONS
- Simple to Manage without Need of Technical or Security Experts

PARTIAL LIST OF CUSTOMERS

Airport Authority of India	Employees Provident Fund Organization (EPFO)	Ministry of Labour & Employment
All India Institute of Medical Sciences	Forest Department	Ministry of Science & Technology
All India Radio/ Doordarshan/ Prasar Bharti	Food & Public Distribution	Ministry of External Affairs
Border Road Organization	Integral Coach Factory	Ministry of Tribal Affairs
Bharat Electronics Limited	Indian Maritime University	Ministry of Water Resources
Central Excise, Customs And Service Tax Department	Indian Council of Agricultural Research (ICAR)	Metro Railways
Civil Hospital, Multiple Locations	IIM, IIT, NIT & NIELIT	National Investigation Agency
Container Corporation of India Limited	Income Tax Department	NHPC Limited
Central Drugs Testing Laboratories	Indian Airforce	NTPC Limited
Competition Commission of India	Indian Army	Oil And Natural Gas Corporation
Council of Scientific And Industria Research	Indian Coastguard	Office of The Controller General of Patents, Designs & Trade Marks
Coast Guard	Indian Navy	
Department of Defence	Indian Railways	Ordnance Factory Board
Department of Atomic Energy	Indian Ordinance Factory	Para Military (BSF / CRPF / SSB)
Defence Research and Development Organization	Ministry of Coal	Police Department
District Court & High Court	Ministry of Consumer Affairs	PGCIL
Election Department	Ministry of Culture	Public Sector Units
ESIC Medical College And Hospital	Ministry of Finance	Public Works Department
Electronics Regional Testing Laboratories (STQC)	Ministry of Home Affairs	Road & Building Department

CUSTOMERS 1+ Million

EXPORT TO 50+ Countries

PRODUCTS 60+

CHANNEL PARTNERS 2500+

SUPPORT 24x7

AWARDS FOR 30+ Quality and Design

ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. As an innovative, technology-driven and customer-focused organization, the company is committed to keeping pace with the revolutions in the Security and Telecom industries. With around 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance Systems - Video Management System, Network Video Recorder and IP Camera, Access Control and Time-Attendance systems as well as Telecom solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. These solutions are feature-rich, reliable and conform to international standards. Having global footprints in Asia, Europe, North America, South America, and Africa through an extensive network of more than 2,500 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.

www.MatrixComSec.com

MATRIX ®
TELECOM | SECURITY

Researched, Designed &
Manufactured in INDIA
50+ Countries | 1M+ Customers

PRODUCTS | FEATURES | EVENTS

MATRIX COMSEC

Head Office
394-GIDC, Makarpura, Vadodara-390 010, India.
Ph: +91 265 26137222, Fax: +91 265 6137223
E-mail: Govt@MatrixComSec.com

Manufacturing
19-GIDC, Waghodia, Dist. Vadodara-391 760, India.

www.MatrixComSec.com

Call: 1800-258-7747

For further information, please contact: