# MATRIX TELECOM & SECURITY SOLUTIONS

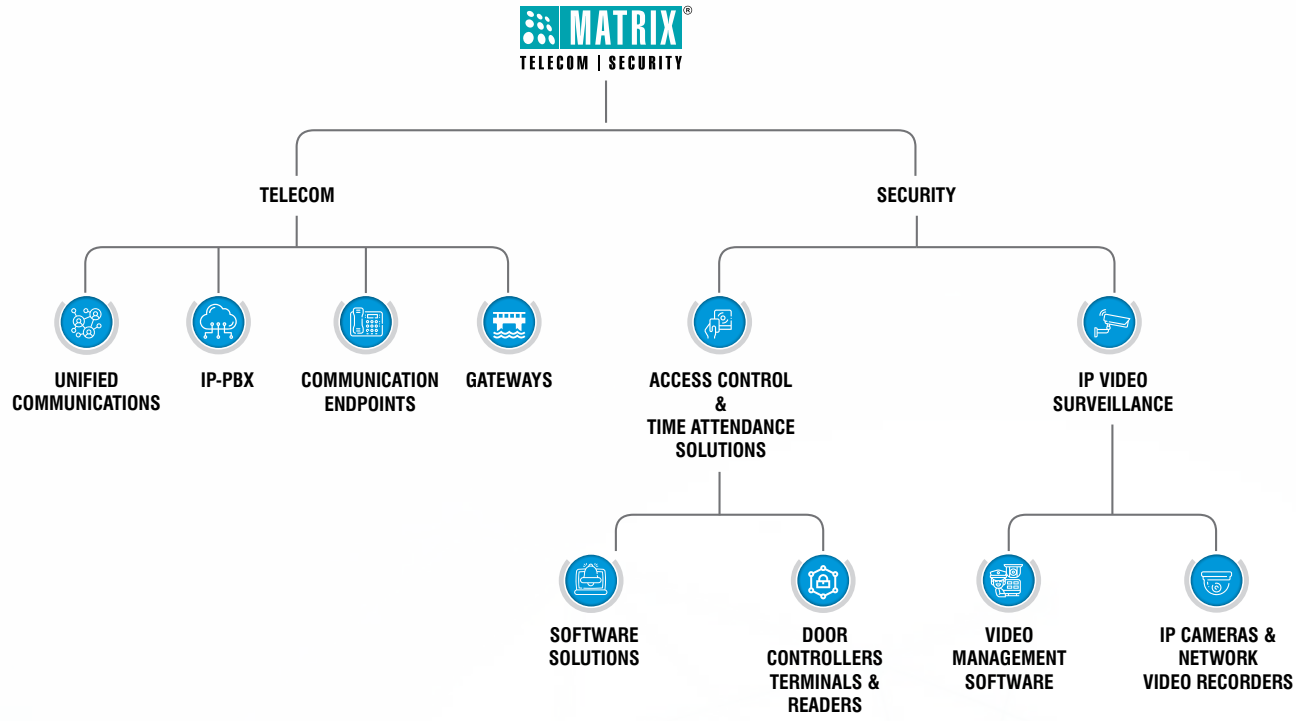
IP Video Surveillance

Access Control Solutions & Time-Attendance Solutions

Unified Communications

MATRIX®
TELECOM | SECURITY

Expect More.




## SOME CUSTOMERS:

### MANUFACTURING

JK TYRE TOTAL CONTROL

Kawasaki

Coca-Cola

### HEALTHCARE

Apollo HOSPITALS

CONMED CORPORATION

glenmark
A new way for a new world

### HOSPITALITY

BURGER KING

Le MERIDIEN

ClubMahindra

### BFSI

HDFC BANK
We understand your world

बैंक ऑफ़ बड़ौदा
Bank of Baroda

AXIS BANK

### EDUCATION

United States International University-Africa
Education to take you places

भारतीय प्रौद्योगिकी संस्थान जम्मू
INDIAN INSTITUTE OF TECHNOLOGY JAMMU

TISS
Tata Institute Of Social Sciences

### GOVERNMENT

इसरो ISRO

MINISTRY OF FINANCE
REPUBLIC OF INDONESIA

# 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, 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

# IP VIDEO SURVEILLANCE SOLUTIONS - *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

## COMMUNICATION SOLUTIONS - *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 GS
- Centralized Management

#### UNIVERSAL MEDIA GATEWAYS

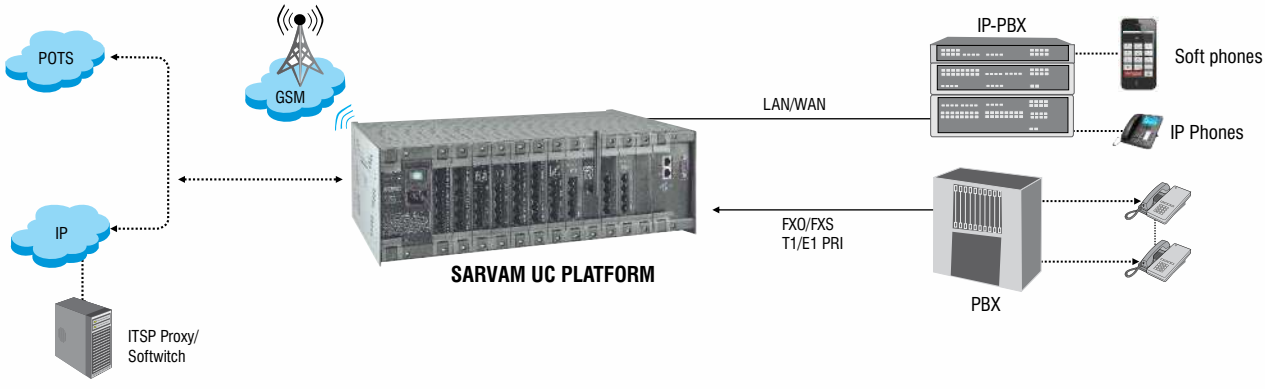
- Hybrid Solution - VoIP Ready + PSTN
- Universal Network Connectivity - POTS, T1/E1 PRI, GSM/4G, E&M and IP
- 4G/VoLTE Fixed Cellular Terminal
- Secure Communication over TLS & SRTP
- TR-069 Auto Configuration
- Call Details Record
- SNMP based Network Monitoring
- Local Station Survivability

#### 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 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.




### Fixed Media Gateways

## 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)

**Optional*

### 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

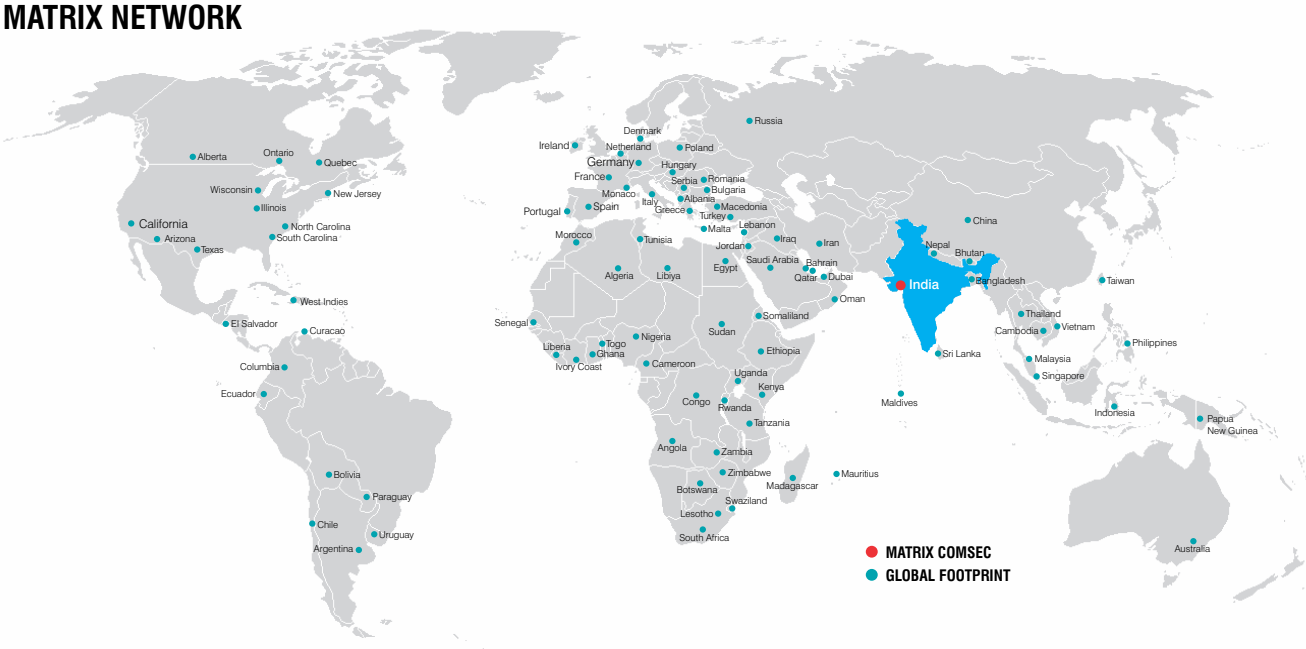
Presence Sharing

Contact Grouping

Call Management

TEC Approved

## MATRIX NETWORK




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..

MATRIX®
TELECOM | SECURITY

**PRODUCTS | FEATURES | EVENTS**

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