

MATRIX TELECOM AND SECURITY SOLUTIONS



Pioneering CCTV Manufacturer to
Achieve Cyber Security Certification as per
OWASP ASVS 4.0 L2 by STQC, Delhi



IP Video Surveillance



Access Control



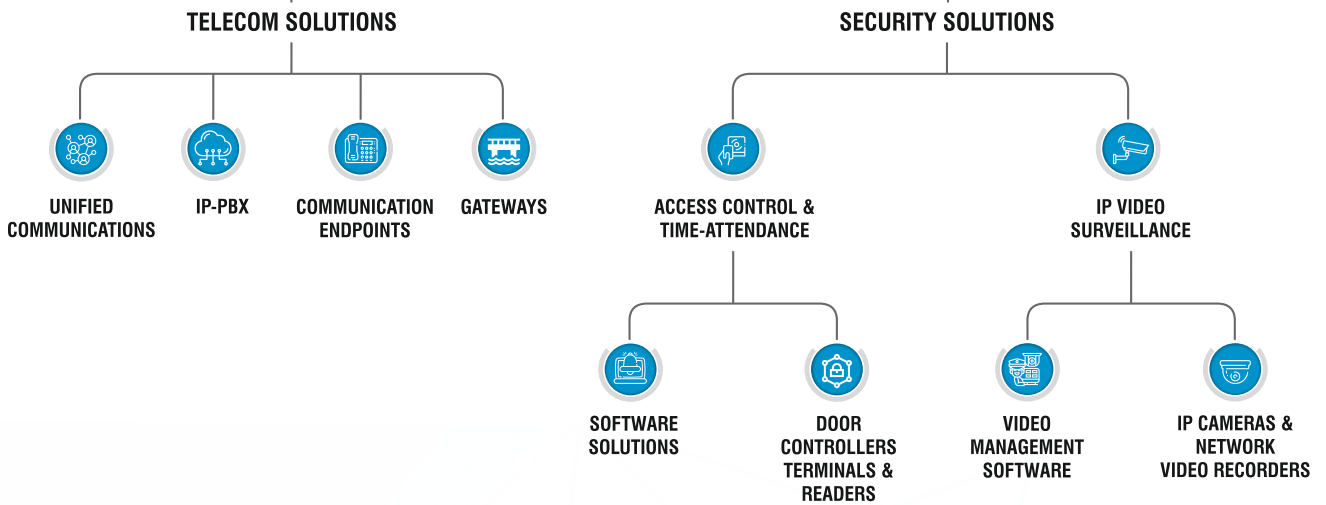
Time-Attendance



Telecom



Expect More.



SOME CUSTOMERS:



MANUFACTURING



BFSI



HEALTHCARE



EDUCATION



HOSPITALITY



GOVERNMENT



IP VIDEO SURVEILLANCE: *Three Dimensional Security - Persistent, Proficient, Proactive*



Security organizations are responsible for ensuring the safety of their employees and company assets. A comprehensive video surveillance infrastructure is directly linked to improved compliance and productivity.

Matrix SATATYA - a family of Video Surveillance solutions is specially engineered for serious deployments. In addition to video capturing, recording, streaming, live monitoring, playback, and investigation SATATYA SAMAS offers Centralized Surveillance, Intelligent Video Analytics, Command and Control, Parking Management, Weighbridge Integration, and much more.

Video Management System (VMS)

- Centralized Monitoring
- Integrated Video Surveillance
- Intuitive Security Surveillance
- User-Defined Roles and Responsibilities
- E-map Monitoring

Network Video Recorders (NVR)

- Clustering of up to 20 NVRs
- Higher Throughput - 512/360 Gbps
- RAID 0/1/5/10 Support
- 4K Resolution on HDMI 2.0 for LIVE View Streams up to 12MP

Enterprise Network Video Recorders (ENVR)

- Enterprise Grade NVRs with in-built VMS
- Supports up to 256 Channels
- Storage up to 144TB
- Higher Throughput of 1Gbps
- RAID 0/1/5/10 Support

IP Cameras

- Wide Range – Bullet, Dome, PTZ, Turret
- Sharper Images even in Low-light Conditions
- 512GB SD Card Support
- Intelligent Video Analytics

DIFFERENTIATORS



DATA SECURE SURVEILLANCE

- First Company to achieve Cyber Security Certification by STQC Delhi, for OWASP V4.0 L2
- Indian Railways Can Be Assured of Data-Secure Surveillance for Their Passengers



COMPLETE PORTFOLIO

- Includes an entire range of IP Cameras, NVRs, ENVRs, VMS
- One-stop-shop for all Video Surveillance Products



CENTRALIZED VIDEO SURVEILLANCE

- Monitoring Multiple Locations Centrally
- Better Situational Awareness



SCALABLE

- Up to 65,535 Cameras and Users
- 1000 Concurrent Users and 10,000 Locations



OPTIMIZED STORAGE

- Motion-Based FPS Streaming
- Adaptive Recording, Smart Recording



SEAMLESS INTEGRATION

- Integration with all Peripheral Security Devices - Alarms, Sensors, Access Control
- Weighbridge, Car Parking Management



INTELLIGENT VIDEO ANALYTICS

- Cameras Offer Analytics on the Edge
- NVRs Provide a Second Layer of Analytics
- Tripwire, Intrusion Detection, Missing Object



CUTTING EDGE TECHNOLOGIES

- SONY STARVIS CMOS Sensors for Superior Images in Low Light
- 0/1/5/10 RAID Support



SECURITY SOLUTIONS

ACCESS CONTROL AND TIME-ATTENDANCE: *Right People in Right Place at Right Time*



TIME-ATTENDANCE:

- Flexible Attendance Policies
- Shifts and Schedules
- Leave Management
- Integration with Third Party Payroll, ERP, HRM, Active Directory
- 150+ 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 - 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

- 150+ 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



*Note: Certificates may vary from variant to variant.

TELECOM 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 GSM/3G/4G
- Centralized Management

UNIVERSAL MEDIA GATEWAYS

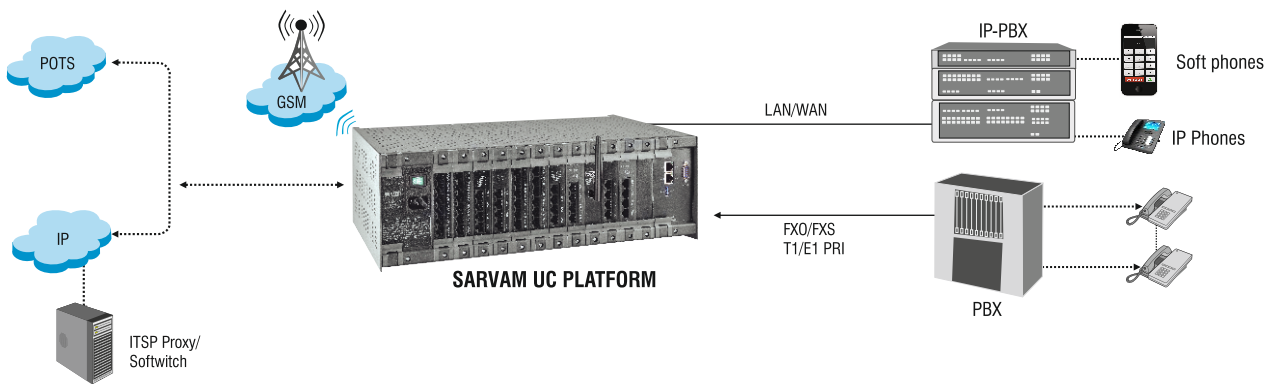
- Hybrid Solution - VoIP Ready + PSTN
- Universal Network Connectivity - POTS, T1/E1 PRI, GSM/4G, E&M and IP
- 4G/VoLTE Fixed Cellular Terminal
- Secure Communication over TLS & SRTP
- TR-069 Auto Configuration
- Call Details Record
- SNMP based Network Monitoring
- Local Station Survivability

IP & DIGITAL COMMUNICATION ENDPOINTS

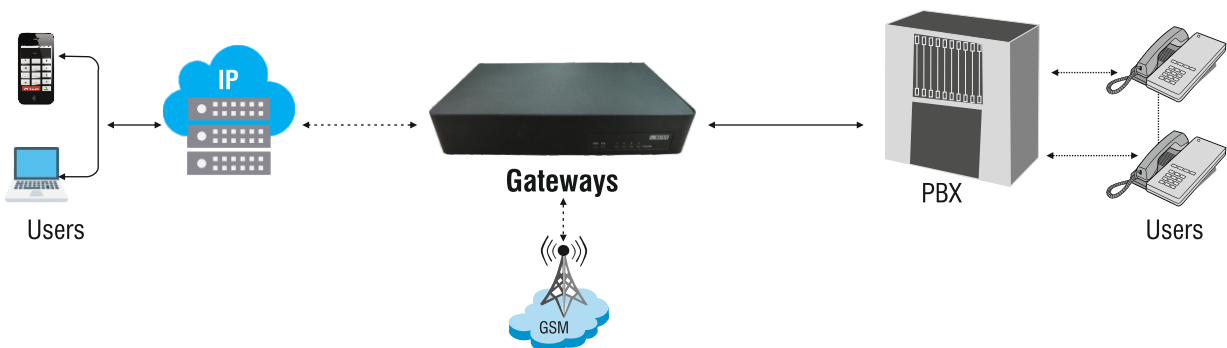
- HD Audio Quality
- Mobility App for Android/iOS
- Presence Sharing and Instant Messaging
- DSS and BLF keys
- One Touch Feature Access

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)
- Standard SIP 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



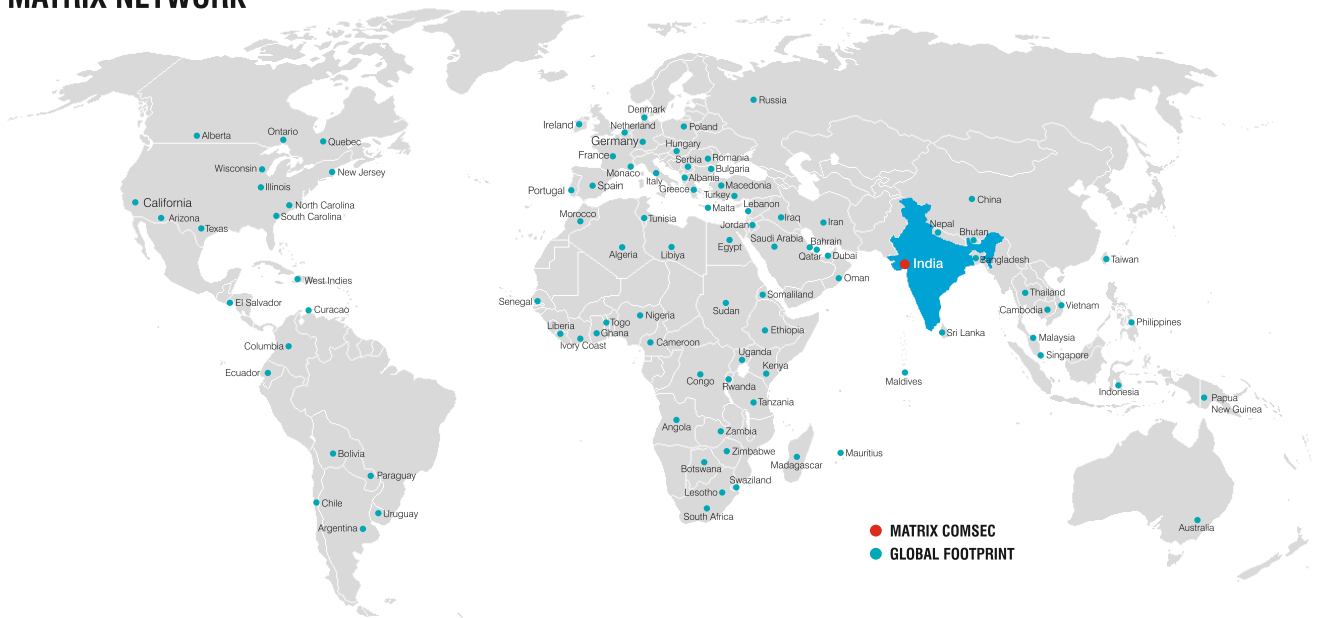
Contact
Grouping



Call
Management



MATRIX NETWORK



ABOUT MATRIX

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. As a 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 Systems, Network Video Recorders 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 4000+ channel partners, Matrix ensures that the products serve the needs of its customers faster and longer.

Matrix has ISO 27001: 2013, 20000-1 2018, 14001- 2015, and 9001: 2015 certifications for quality management standards. Matrix has also been awarded ZED Quality Certification, and DSIR Certification for indigenous R&D and Manufacturing. Matrix has gained the trust and admiration of customers representing the entire spectrum of industries.



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