Customer List

RAILWAYS
- Workshop Project Organisation - New Delhi
- Southern Railway - Trichy
- North Western Railway - Jaipur
- Workshop Projects Organisation - Mumbai
- NWR Rail Nirman Bhawan
- Western Central Railway - Kota Railway Station
- Western Railway - Mumbai Central
- Central Railway - Bhusawal Division
- Workshop Project Organisation - Patna
- Western Central Railway - Kota
- Ularail - Bharat Gaurav Train

DEFENCE
- Air Force Station - Kalaikunda
- Airforce Station - Bhoali
- Airforce Station - Assam
- Air Force Selection Board - Clement Town
- Controller Naval Armament Inspection - Visakhapatnam
- Defence Research And Development Organization (DRDO) - Bengaluru
- Defence Research And Development Organization (DRDO) - Nagpur
- Defence Research And Development Organization (DRDO) - Odisha
- Defence Research And Development Organization (DRDO) R&d - Pune
- Defence Research And Development Organization (DRDO) - Chandipur
- Department of Military Affairs
- INS Satavahana - Vishakhapatnam
- Indian Air Force - Kolkata
- Indian Navy - BV Yard
- Indian Navy - Visakhapatnam
- Indian Infantary Division - Bareilly

- Indian Ordinance Factory
- Instruments Research And Development Establishment - Dehradoon
- Military Engineer Services - Srinagar

POLICE
- JK Police
- Kolkata Police
- Railway Police Force Hindi Medium
- Police Head Quarters - Pune
- Police Head Quarters - Bikaner
- Kangara Police
- Indo-Tibetan Border Police Sarahan, Shimla
- Chhattisgarh Police Head Quarters

SPACE TECHNOLOGY
- Indian Space Research Organisation (ISRO) - New Delhi
- Indian Space Research Organisation (ISRO) - Hyderabad
- Indian Space Research Organisation (ISRO) - Trivandrum
- Liquid Propulsion Space Centre - MTRL Facility - Trivandrum
- Liquid Propulsion Centre-ISRO MVL - Trivandrum

ATOMIC ENERGY
- Atomic Energy Regulatory Board (AERB) - Mumbai
- Department of Atomic Energy - Mumbai
- Variable Energy Cyclotron Centre (VECC), Department of Atomic Energy - Kolkatta
- Central Stores Unit, BARC, Trombay - Mumbai

AIRPORT AUTHORITY OF INDIA
- Airport Authority of India - Vadodara
- Airport Authority of India, CSMIA - Mumbai
- Airports Authority of India - Vijayawada
- Airport Authority of India - Calicut
- Airport Authority of India - Patna
- Airport Authority of India - Rourkela

OTHER GOVERNMENT ORGANIZATIONS
- Gujarat Bhawan - Pune
- Central Public Works Department - Nagpur
- Bharat Sanchar Nigam Limited - Trichy
- Agriculture Department - Mandi
- Corporate Sector, Palghar - Mumbai
- BCCL - Bharat Coking Coal Ltd - Jharkhand
- The Punjab State Co Operative Milk Producer Federation Ltd - (VERKA)
- National Dairy Development Board - Kolkata
- Central Public Works Department - Aurangabad
- Delhi Pollution Control Committee CPWD - New Delhi
- Safdurjung Hospital CPWD - New Delhi
- Central Public Works Department - Nagpur

Matrix IP Video Surveillance

1 First Indian Company to Offer
RDSO 6.0 Compliant Video Surveillance Cameras for the Indian Railways

ABOUT MATRIX

Established in 1991, Matrix is a leader in providing Security and Telecom solutions for business organizations of all sizes and industries. As an innovative, technology-driven, and customer-focused organization, Matrix is committed to keeping pace with the revolutions in Video Surveillance, Access Control, Time-Attendance, and Telecom applications.

With around 40% of its human resources dedicated to research and developing new technologies and products, Matrix is a truly Make-in-India company. All Matrix products are entirely researched, designed, and manufactured in India.

Matrix's Video Surveillance portfolio covers end-to-end solutions including Video Management Systems, Network Video Recorders, and Network Cameras. Likewise, Matrix's People Mobility portfolio includes Access Control, Time-Attendance, Visitor Management, Elevator Access Control, Panels, Controllers, and Readers. Matrix offers Unified Communications, IP-PBX, Universal Media Gateways, VoIP and GSM Gateways, and Communication Endpoints in the telecom domain.

All Matrix products are feature-rich, reliable, and conform to national and international standards such as CE, FCC, BIS, TEC, UL, and many more. With exports to 50+ countries, Matrix has won the trust of 1 million+ customers.

Matrix has ISO 27001: 2013, 20000-1 2018, 14001- 2015, 9001: 2015 certifications for quality management standards. We have also been awarded ZED Quality Certification, and DSIR Certification for indigenous R&D and Manufacturing to name a few.

For further information, please contact:

MATRIX
TELECOM | SECURITY

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

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

STQC | OWASP | NEMA National Electrical Manufacturers Association | UL | NDAA Compliant
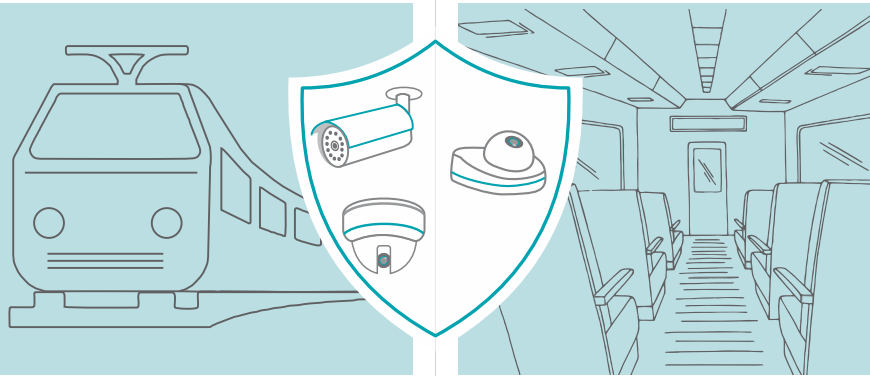
MATRIX
TELECOM | SECURITY

Indian Railways and Cyber Security

Indian Railways, one of the world's largest networks, is an economic backbone. It employs 1.3 million people, moving 23 million passengers and 3 million tons of freight daily. Its cost-effective mass transit system connects remote regions, driving economic growth and significantly contributing to India's GDP.

Video surveillance is vital for passenger safety and infrastructure security, preventing accidents and deterring terrorism across the vast rail network. Surveillance also aids emergency responses and enhances operational efficiency and maintenance.

Cyber-secure video surveillance is paramount, safeguarding data against cyber threats, ensuring system continuity, preserving passenger safety, and averting disruptions in train services, reinforcing both security and efficiency in Indian Railways.

Project Series Bullet / Dome Camera

- High Quality Images with SONY STARVIS Back Illuminated Sensors
- Achieve Balanced Images with 120dB True WDR
- Optimize Storage and Bandwidth with Adaptive and Smart Streaming
- 512 GB Edge Storage Support for Reliable Surveillance
- BIS, CE, FCC, RoHS, IK10, IP67, UL, NEMA 4x (Made to Order)
- RDSO 6.0 and NDAA Compliant

Ruggedized Camera

- Rugged Design Minimizes Impacts, Shocks, and Vibrations
- Industrial Grade Aluminium Enclosure Ensures Durability in Locomotive Operations
- Compliant with Safety Standards, Insulation Requirements, and Protection Against Electrical Hazards
- Resistant to Power Fluctuations and Electromagnetic Interferences
- BIS, CE, FCC, RoHS, IP67
- RDSO 2.1 and NDAA Compliant

Additionally, Matrix provides comprehensive video surveillance solution to secure premises

Enterprise Network Video Recorders

- Network Video Recorders with Preloaded Video Management System (VMS)
- No Need to Invest Separately in Software, Server, and NVR
- 256 Channel and up to 144TB Storage
- Hot Swapable HDD Slots and Redundant Power Supply
- 0/1/5/10 RAID Support

Network Video Recorders

- 4/8/16/32/64 Channel Variants
- Connect up to 20 NVRs to Access 1000+ Cameras in the Loop
- ENVRs Come with Inbuilt Video Management Software
- 0/1/5/10 RAID Support

Video Management Software

- Centralized Surveillance of Multiple Locations
- User Defined Roles and Rights for Better Control
- Scalable upto 65535 Channels and 1000 Simultaneous Users
- Hierarchical E-map Monitoring

Cyber Secure Video Surveillance for Indian Railways

Data Privacy and Protection: Video surveillance systems collect a vast amount of data. It is critical to ensure privacy and protect the data while storing, analyzing, and sharing it.

Network Vulnerabilities: Video surveillance systems are susceptible to hacking attempts due to Weak passwords, outdated firmware, and unpatched software.

Potential for Exploitation: Cybercriminals manipulate video feeds or gain unauthorized access to cameras, leading to privacy breaches or physical security threats.

Legal and Regulatory Compliance: Many regions have strict regulations regarding the use of surveillance systems, Non-compliance can lead to legal consequences.

Secure Boot

Signed Firmware

Data Encryption

IP Address Filtering

Https Streaming Using TLS 1.2

Edge Data Encryption
512 GB

Network Authentication

Secure Firmware Upgrade

Anti-roll Back Firmware

Web Login Password Protection

Unused Debug Interface Protection

MATRIX NETWORK CAMERAS
Certified for Cyber Security