



Matrix Video Surveillance Earns the Trust of The Department That is Responsible for Securing the Nation

Case Study

Customer Name:

The Public Security Department

Industry:

Government

Location:

Anant Nag District Main Highway

Company Profile

The Public Security Department is the law enforcement agency responsible for maintaining public safety, preventing crime, and upholding the law in the region. Established in 1873, the force has been instrumental in maintaining peace and stability in the area, particularly in counter-insurgency operations.

In addition to its core operations, the Department conducts community Services activities to bridge the gap between the Department and the public. The force works closely with other law enforcement agencies to ensure effective coordination and cooperation. Dedicated to upholding the rule of law and protecting the rights of every citizen, it is committed to building a safe and secure environment in the region.

Business Scenario:

The Department is divided into multiple zones, ranges, and districts, with each district housing several Branch Offices. However, monitoring these dispersed stations posed a challenge. The lack of centralized monitoring capabilities at the Head of the Department's office and inadequate infrastructure at the Department branches could have

Solution:

A total of 70 cameras were installed with varying focal lengths and capabilities to cover 20 Branches in the jurisdiction. Based on their requirement the experts suggested High-resolution 5MP Bullet cameras with audio support to capture clearer images and for playback and investigation. The Motorized varifocal lens and PTZ cameras can be maneuvered remotely for better control over the cameras.

To enable the streaming and recording of footage for a longer duration, 8 Channel Network Video Recorders (NVR) with 1 SATA port (Each SATA port supports 10TB storage support) were installed across 20 locations. These NVRs were connected to television screens using HDMI cables, enabling the streaming of live footage at local offices.

For centralized surveillance, all NVRs related to Matrix SATATYA SAMAS use static public IP. The Video Management System was connected to the desktop for monitoring purposes and provided Matrix SATATYA VISION 24x7 surveillance on the go.

The Matrix team also provided training to the security officials on how to use the video surveillance infrastructure effectively. They were taught to leverage the full potential of the system, including best practices for monitoring, managing, and analyzing data captured by the system.

helped with real-time updates and efficient communication.

To address this, the Department aimed to enhance surveillance infrastructure, enable streaming access to all stations, and establish a centralized monitoring system. These efforts would improve coordination, data management, and security services for the people of the state.

Challenges:

- Monitoring challenge: The stations dispersed across Multiple locations
- Lack of centralized monitoring capabilities at the Head office
- Inadequate infrastructure at the stations for local data recording
- Hindered real-time updates and efficient communication across the network

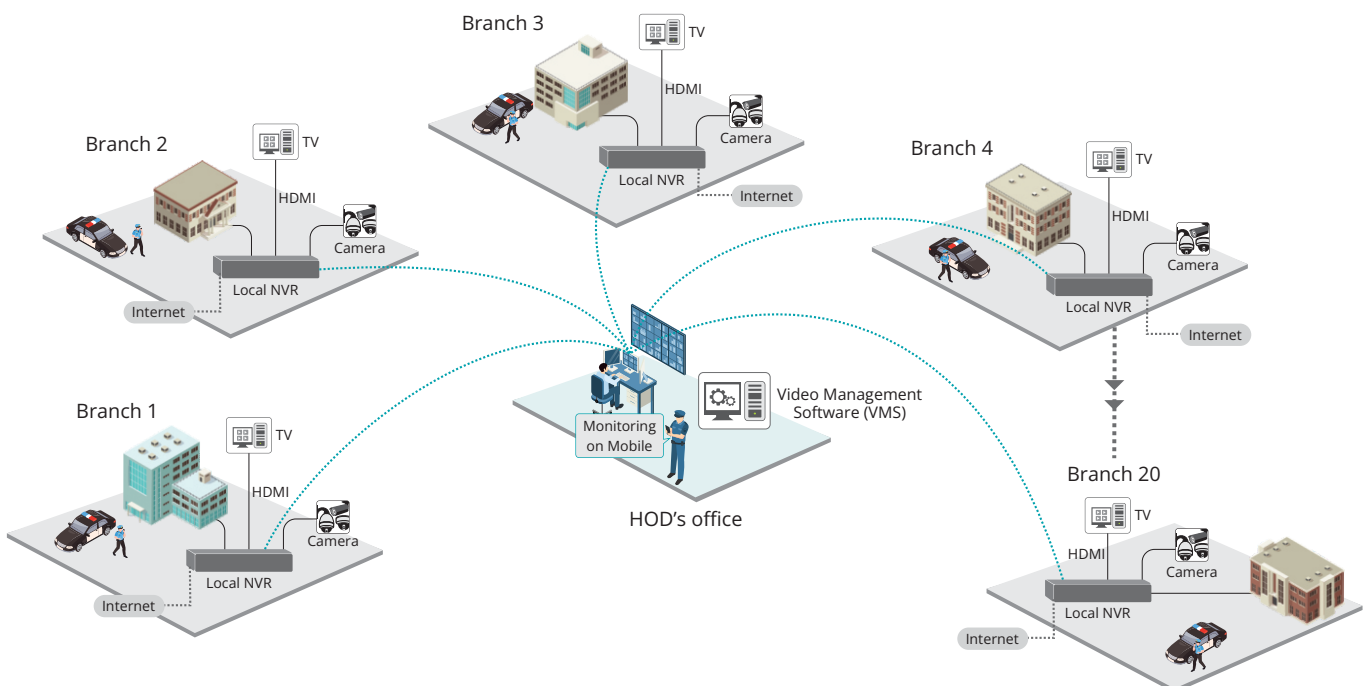
Products Offered:

- SATATYA CIBR50FL40CWP: 15 Nos
5MP Project Series IR Bullet Camera with 4mm Fixed Lens and Audio Support
- SATATYACIBR50MVL12CWP: 40 Nos
5MP Project Series IR Bullet Camera with Motorized Varifocal Lens and Audio Support
- SATATYA PZCR20ML25CWP: 10 Nos
2MP Pan-Tilt-Zoom Camera with 25x Optical Zoom and Audio Support
- Matrix SATATYA NVR0801X: 20 Nos.
8 Channel NVR with 1SATA Port Support
- Matrix SATATYA SAMAS Video Management System with 70IP Camera Licenses and 3 Concurrent User Licenses

Benefits:

- Matrix's Video Surveillance Solution has empowered The Department with real-time updates.
- The robust infrastructure enables centralized monitoring, enhancing public safety and quick response to incidents.
- Matrix's expertise and technical capabilities have made a significant contribution to maintaining law and order in the region.

Solution Diagram



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 more than 40% 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, Time-Attendance and Video Surveillance solutions. 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.

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