



## MATRIX PROVIDES FOOLPROOF SECURITY AT PATNA INTERNATIONAL AIRPORT WITH ITS PREVENTIVE VIDEO SURVEILLANCE SOLUTION

### Case Study

#### COMPANY PROFILE

Jay Prakash Narayan Airport (Patna International Airport) is located 5 kilometers (2.7 NM) southwest of Patna, the capital of Bihar in India. It is built over 254 acres of land and is the 23<sup>rd</sup> busiest airport in India.

#### PROJECT HIGHLIGHTS

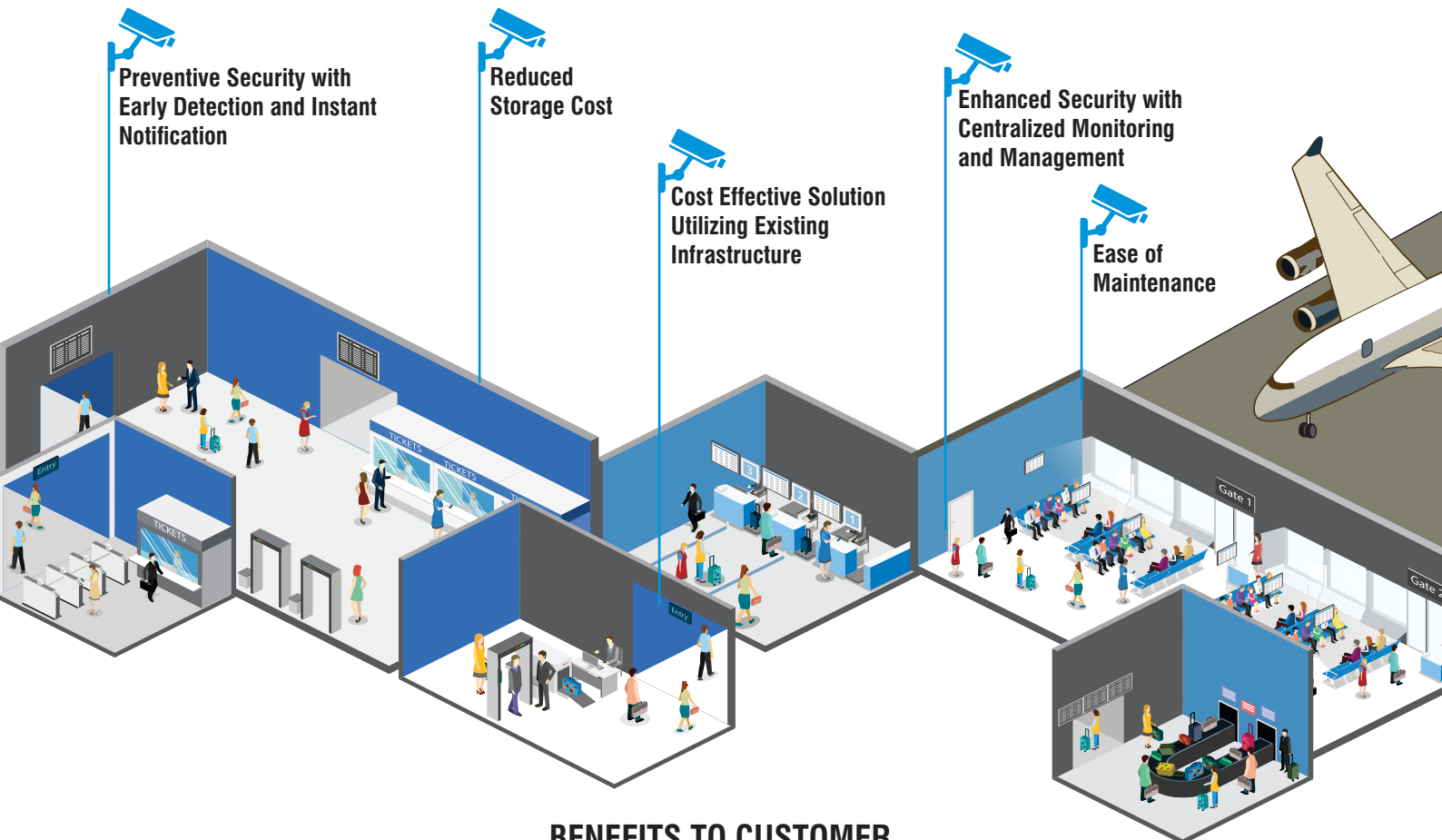
- Intelligent Video Analytics for Preventive Security
- Single Platform having Interoperability with Existing IP Cameras
- Command and Control Center for Remote Monitoring and Management

## REQUIREMENTS

- **ROBUST SECURITY**  
Preventive security to secure critical areas like server room, ATC (Air Traffic Control) building and other remote areas from trespassers and intruders.
- **SINGLE SOLUTION**  
A single solution to accommodate their existing IP cameras and new Matrix IP cameras.
- **CENTRALIZED MONITORING**  
Greater control with centralized monitoring and management of all the cameras.
- **LONGER STORAGE PERIOD**  
Higher number of storage days for important cameras without increasing the storage cost.
- **FLEXIBILITY**  
Security of stored data along with the flexibility to create multiple users with different roles and rights.
- **PROFESSIONAL EXECUTION**  
Professional installation and service from an experienced partner.

## MATRIX OFFERING

- **REAL-TIME SECURITY**  
IVA's like Trip Wire and Motion Detection were configured to safeguard their server room, ATC building during night time and instant notifications like Email with snapshot and alarm trigger were configured for real-time security.
- **SAVVY VIDEO MANAGEMENT SOFTWARE**  
Matrix installed its video management software 'SATATYA SAMAS', which supports their existing IP cameras as well as new Matrix IP cameras on a single platform. This also gave them a provision to add new cameras for future expansion.
- **CENTRALIZED MANAGEMENT MECHANISM**  
For centralized configuration, monitoring, management and investigation, SATATYA SAMAS Admin Client and Smart Client were installed in their control room server, which gave them access to all the cameras installed in the airport premises.
- **INTEGRATION WITH MATRIX ACCESS CONTROL SYSTEM**  
Moreover, Matrix Access Control System was installed and integrated with Matrix Video Surveillance Solution to provide enhanced security at the airport.
- **INTUITIVE SECURITY FEATURES**  
Features like Adaptive Recording and Camera-wise Recording Retention were used to optimize the available storage space.
- **FLEXIBLE MANAGEMENT**  
With SATATYA SAMAS Admin Client, multiple user logins were created with different roles and rights for employees at various designations.



## BENEFITS TO CUSTOMER

## HARDWARE

<b>Matrix 2MP Bullet Camera</b> (nos-14)	Crystal Clear Image Quality at Low Light Exposure with Back Illuminated Sensors
<b>Matrix 2MP PTZ Camera</b> (nos-2)	30x Zoom with 100-150m Coverage
<b>Matrix 1.3MP Dome Camera</b> (nos-7)	Superior Image Quality with Low Bandwidth and Storage Consumption

## SOFTWARE

<b>SATATYA SAMAS (VMS)</b>	GE Platform for 20 Cameras, Scalable up to 100 Cameras
<b>SATATYA SAMAS IVA CAM5</b>	IVA's like Motion Detection, No Motion Detection, Trip Wire, Intrusion Detection, Tailgating and Missing Object, for Five Cameras
<b>SATATYA SAMAS FACE DETECTION CAM5</b>	Face Detection License for Five Cameras
<b>SATATYA SAMAS Admin Client</b>	Management application to manage and configure all the recording servers, devices, camera streams, IVA's, reports and user based logins and rights.
<b>SATATYA SAMAS Smart Client</b>	Monitoring Application for Centralized Monitoring, E-map Monitoring, Camera Sequencing and Daily Highlights

## 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 footprints 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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