

A photograph of three surgeons in an operating room, wearing blue scrubs and masks, focused on a procedure under bright surgical lights. The scene is dimly lit, with the primary light source being the overhead surgical lamps.

## HINDUJA HOSPITAL STRENGTHENS ITS SECURITY AND INCREASES EVERYDAY EFFICIENCY WITH MATRIX VIDEO SURVEILLANCE SOLUTION

### PROJECT HIGHLIGHTS

- **IP Cameras:** 73
- **Network Video Recorders:** 4
- **Storage Requirement:** 3 Months
- **Major Requirement:** Integration of Current Axis Cameras with Matrix NVRs to Leverage existing Surveillance Investment

### COMPANY PROFILE

Hinduja hospital is an ultramodern, multi-specialty tertiary care hospital with a Medical Research Centre (MRC) in collaboration with Massachusetts General Hospital (MGH), Boston, USA. The hospital has an inpatient capacity of 342 beds, inclusive of 53 critical care beds in different specialties. As a tertiary care hospital, the services offered are comprehensive, covering investigation and diagnosis to therapy, surgery and post-operative care. The inpatient

services are complemented with a day centre, out-patient facilities and an exclusive centre for health check for executives.

Hinduja hospital was the first multi-disciplinary tertiary care hospital to have been awarded the prestigious ISO 9002 certification from KEMA of Netherlands for Quality Management System.

## CHALLENGES AND REQUIREMENTS

- Hinduja had been using video surveillance systems of Axis brand. They wanted to upgrade to the latest technology surveillance solution, without having to replace the existing cameras to protect their investments.
- For centrally monitoring multiple cameras from different devices, their existing system used a dedicated server.

Managing this server was complex and hence they required a solution, which could eliminate the need of this dedicated server.

- They wanted to store camera recordings of three months as evidential proof in case of an investigation and audit. Their existing system consumed high storage costs for this.

## MATRIX OFFERING

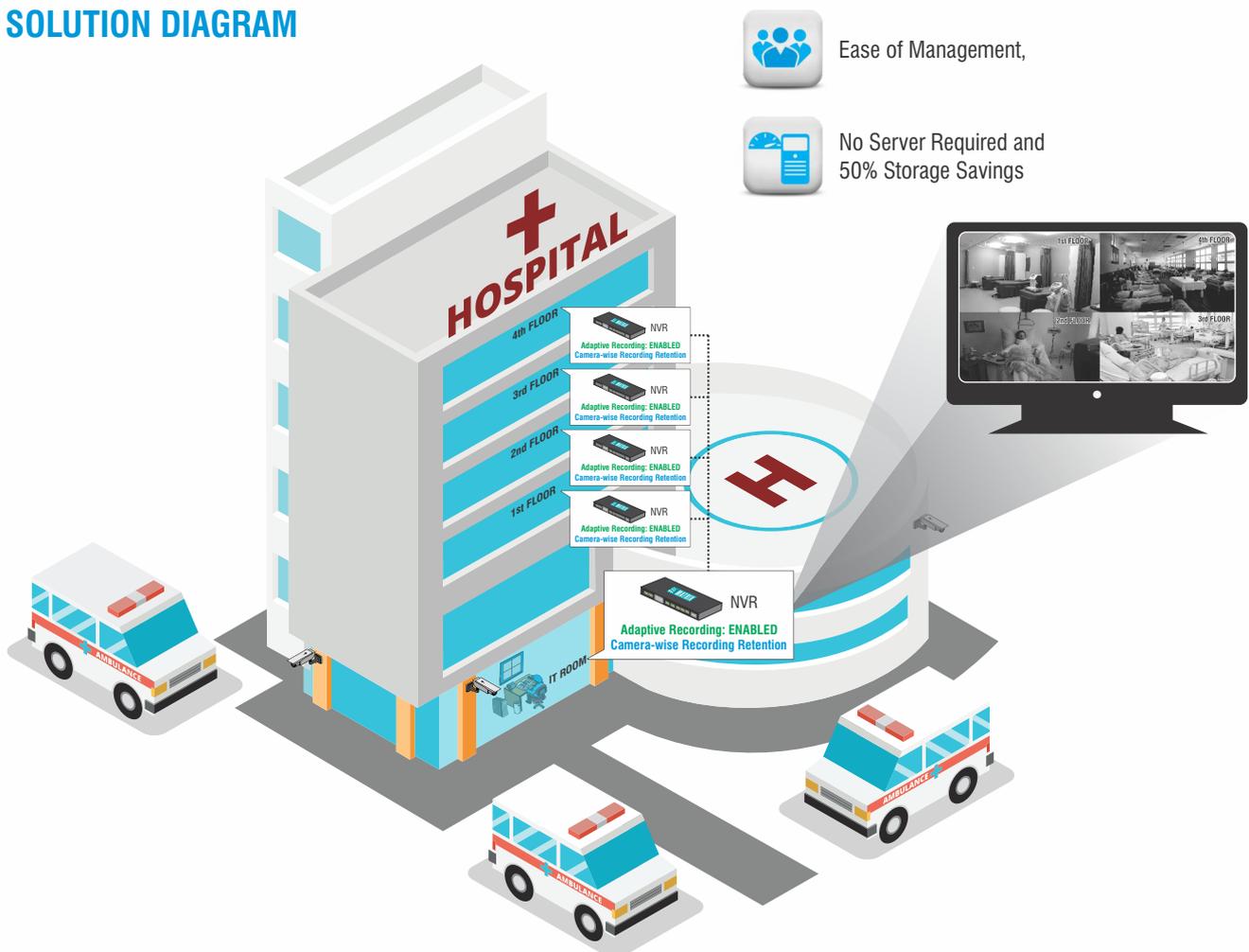
No manufacturer was able to integrate Axis camera models that were being used by Hinduja. Matrix, with the help of its intensive R&D team, successfully added all of Hinduja's existing Axis cameras to Matrix NVRs.

Cascading feature of Matrix NVRs helped them to connect all NVRs in a master-slave architecture. This gave the benefit of centrally monitoring all 73 cameras from different NVRs, without any server.

In order to address their storage requirement, Matrix provided features like Adaptive Recording and Camera-wise Recording Retention, which helped in reducing storage requirement by 50% without compromising on video quality. With the help of this, Hinduja hospital stored camera recordings for three months without investing in additional storage drives.

Matrix authorized channel partner, Procom Solutions, provided efficient post-sales support with the help of their trained manpower.

## SOLUTION DIAGRAM



## BENEFITS

- Successful Upgrade to Latest Technology Solution without Scrapping Previous Investments
- Elimination of Dedicated Server
- Ease of Centralized Management and Monitoring
- Reduction in Storage Cost by 50%
- Greater Security and Employee Discipline

## FUTURE EXPANSION

- Due to the large number of patients and visitors, Hinduja is now keen on installing Intelligent Video Analytics (IVA) like License Plate Recognition (LPR) and Trip Wire of Matrix Video Surveillance to get real-time security and reports.

## PRODUCTS OFFERED

- SATATYA NVR24P (with 24TB Internal Storage): NVR with 24 Channels supporting Motion Detection, Trip Wire and Intrusion Detection
- SATATYA NVR8S (with 6TB Internal Storage): NVR with 8 Channels supporting Motion Detection, Trip Wire and Intrusion Detection
- SATATYA CORE: Centralized Monitoring Software (CMS)

## 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.



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