

# AN INTERNATIONAL SCHOOL OFFERS A SECURED ENVIRONMENT USING MATRIX VIDEO SURVEILLANCE SOLUTION. OBSERVES RISE IN THE STUDENT INTAKE.

A highly renowned International School in India has 5 branches all across the country. Each branch has about 30 classrooms with 40 students per class. The expectations of the school from the new video surveillance solution were:

- To enhance the image quality as well as degraded performance of the existing video surveillance solution.
- To allow all parents to observe their students' behavior in classroom. The existing surveillance solution allowed only 10 parents to view simultaneously.
- To inform the parents about their children's safe arrival and departure from the school premises along with a snapshot.
- To assist students by offering them classroom lessons which they missed due to their absenteeism.

## IMPLEMENTATION OF MATRIX SOLUTION:

- Simultaneous login per HVR in the new solution increased to 120 users due to the higher throughput provided by the recording device.
- Matrix Access Control device is integrated with the HVR connected at the entrance. This database level integration is helping the parents to supervise the security of their child as they get SMS notification regarding their child's arrival and departure from the school premises
- Matrix HVRs are connected along with the microphones which capture the audio and link it with the video. This video feed is provided to the absentees to enable them clear the backlogs. Furthermore, it also helps the Principal of the school to check that genuine and thorough education is imparted to the students.

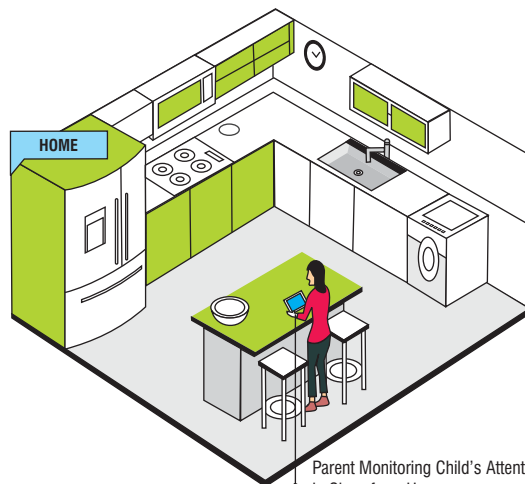
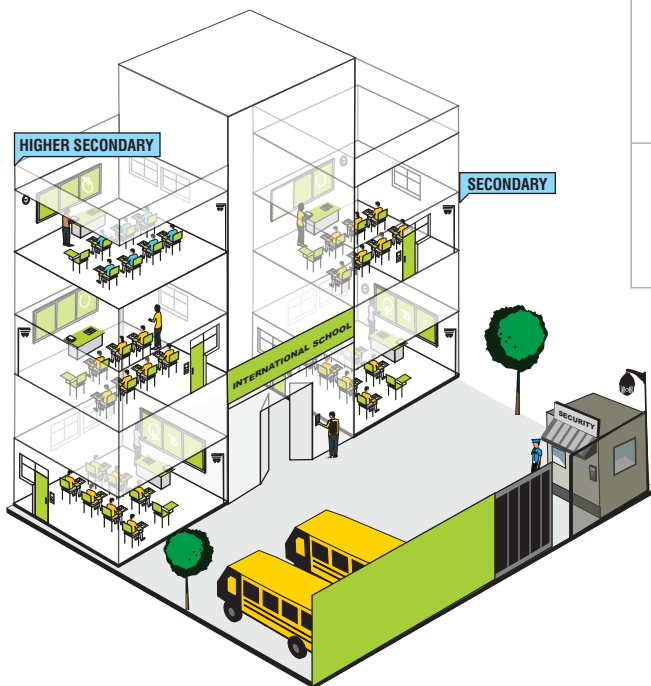
## SOLUTION OFFERED BY MATRIX

### Video Surveillance:

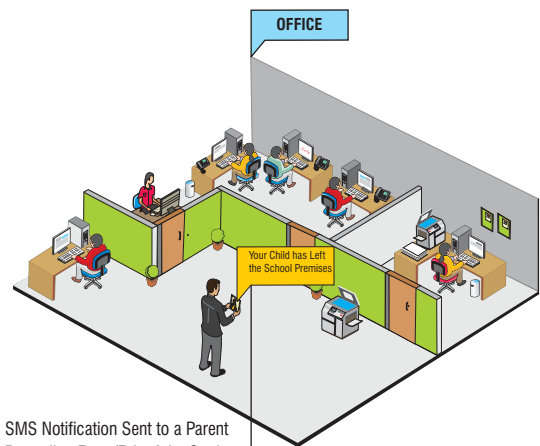
- **Number of Video Recorders:** 60+
- **Number of Cameras:** 240 Analog Cameras and 240 IP Cameras
- **Time-Attendance and Access Control:** 2 Nos of Door Controllers

### Main Application:

- Simultaneous Viewing of Cameras by Parents
- Video Surveillance and Access Control Integration



Parent Monitoring Child's Attentiveness in Class from Home



## Results

- Enhanced Security of Critical Points with Improved Quality of Video
- Parents remain Informed with Real Time Notifications
- Improved Reputation of the School
- Saved Cost by Partial Use of the Existing Infrastructure

## Product

<b>SATATYA HVR0408S</b>	Hybrid Video Recorder
<b>SATATYA CADRP700VL90CW</b>	30x Analog Pan Tilt Zoom Camera
<b>SATATYA CABR700FL36CW</b>	700TVL Analog IR Bullet Camera
<b>SATATYA CIDR700FL40CW</b>	1.3MP IP IR Dome Camera
<b>Centralized Management Software (CMS), Web Client and Mobile Application</b>	Software Solutions for Central and Remote Management
<b>COSEC VEGA FAX</b>	Fingerprint and Card based Door Controller
<b>COSEC PATH RDFM</b>	Fingerprint and Mifare Smart Card based Reader
<b>COSEC GE Platform</b>	Application Server for 500 Users
<b>COSEC GE TAM</b>	Time-Attendance and Leave Management Module
<b>COSEC GE ACM</b>	Access Control Module

## Conclusion

The security solution offered to the school authorities improved the reputation of the school and there was an improvement in the quality of the teachers and students in the school.

## 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 around 30% 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 and Time-Attendance Systems, Video Surveillance System and Fire Alarm Systems. 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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