Prominent IELTS Exam Institute Enhances Trust and Transparency Using Matrix Video Surveillance Solutions

Case Study

Customer Name:
IELTS Exam Institute

Industry:
Education

Location:
Mumbai, Delhi, Chennai
Hyderabad, Vadodara
Chandigarh, Kolkata
Banglore, Amritsar
Pune, Ludhiana
Jalandhar, Bhatinda
Jaipur, Ahmedabad
Surat, Vijaywada
Bhopal and many more

OSM:
Chennai
Ludhiana
Jalandhar
Mumbai
Ahmedabad
Banglore
Kolkatta
Gurgaon
Chandigarh
Nepal

Company Profile

A renowned global leader in international education services provides various programs and comprehensive support to students pursuing their educational goals abroad. Originating from Australia in 1969, its primary objective has been facilitating educational opportunities worldwide.

The company is closely associated with IELTS (International English Language Testing System), it assists students in studying in English-speaking nations like Australia, New Zealand, Canada, Ireland, the UK, and the US.

Situated in Delhi, India, the company's Indian headquarters serves as a central operational hub, addressing the diverse needs of Indian students aspiring for overseas education. With a team of dedicated experts, the center offers students personalized guidance, counseling, and support nationwide. In India alone, it has over 70 offices across 61 cities and expanded its operations in Southeast Asian countries.

Motivated by a commitment to excellence, integrity, and student success, the company continues to empower individuals, fostering global connections and promoting cultural understanding through international education.

Business Scenario:

As the co-owner of the IELTS, the institute faced significant challenges in ensuring the integrity of its assessment process for students studying in English-speaking countries. With centers spread across India and other Southeast Asian countries like Sri Lanka, Bangladesh, and

Bhutan, they needed a reliable system to verify the identity of candidates at their assessment centers. It was crucial for the assessment process to be standardized across 61 locations and easily replicable in new centers.

With 11 assessment centers and 49 centers where students arrived for assessment, the institute sought a comprehensive system that captured the details of every student entering their premises and cross-referenced them with their system centrally. Additionally, they required a robust recording architecture to store video evidence for future reference as needed securely.

In essence, the company faced the distressing challenge of establishing a surveillance system that was dependable, scalable, capable of capturing essential details, and interoperable. They needed a distributed architecture with centralized control to meet their surveillance requirements effectively.

Challenges:

- Ensuring the integrity of its assessment process
- Needed a standard procedure that could be replicated across 61 locations
- Evidence capturing to confirm the identity of the student appearing for the exam
- Ensure compliance at the center
- Need to capture footages locally and centralised monitoring
- System The Surveillance solution should be dependable, scalable, and interoperable

Solution:

The challenges faced by the institute were swiftly assessed by Matrix experts, who devised a robust surveillance structure to ensure compliance across multiple centers in India and abroad.

In all 61 centers, Matrix 2MP PTZ cameras with 25x optical zoom were strategically installed to capture the faces of candidates arriving for tests and match them with their recorded details in the system. The movement of each candidate was meticulously recorded in the system to maintain accurate identity records.

Further, the accuracy was enhanced by adding a secondary layer of surveillance to monitor compliance with the SOP. Matrix PTZ cameras with 25x optical zoom adeptly captured intricate event details recorded in the computer.

To meet the needs of each center, NVRs (Network Video Recorders) with different capacities were installed. This enabled the local recording of details at each center. Following the client's specifications, the NVRs were configured to store recorded details for three months.

Additionally, cameras were installed at the 11 OSM sites to ensure compliance at the places where the papers

Products Offered:

- **SATATYA MIBR20FL36CWP: 543**
  2MP IR Bullet Camera with 3.6mm Lens with Audio
- **SATATYA MIDR20FL36CWP: 264**
  2MP IR Dome Camera with 3.6mm Lens with Audio
- **SATATYA PZCR20ML25CWP: 76**
  2MP Pan-Tilt-Zoom Camera with 25x Optical Zoom
- **SATATYA NVR1601X - 8 Nos**
  16 Channel NVR with 1 SATA Port
- **SATATYA NVR1602X - 8Nos**
  16 Channel NVR with 2 SATA Port - 8 Nos
- **SATATYA NVR3202X - 1Nos**
  32 Channel NVR with 2 SATA Port
- **SATATYA NVR3204X - 31Nos**
  32 Channel NVR with 4 SATA Port
- **SATATYA NVR6404X - 2Nos**
  64 Channel NVR with 4 SATA Port
- **SATATYA NVR6408X - 7Nos**
  64 Channel NVR with 8 SATA Port
- **MATRIX LICENCE DONGLE 200**
  Enterprise VMS: USB Dongle to Run Licence Application
- **SATATYA SAMAS PLT**
  Enterprise VMS: Software for up to 65,535 Cameras
- **SATATYA SAMAS CAM100 - 5Nos**
  Enterprise VMS: 100 Camera Licence
- **SATATYA SAMAS USER3 - 5Nos**
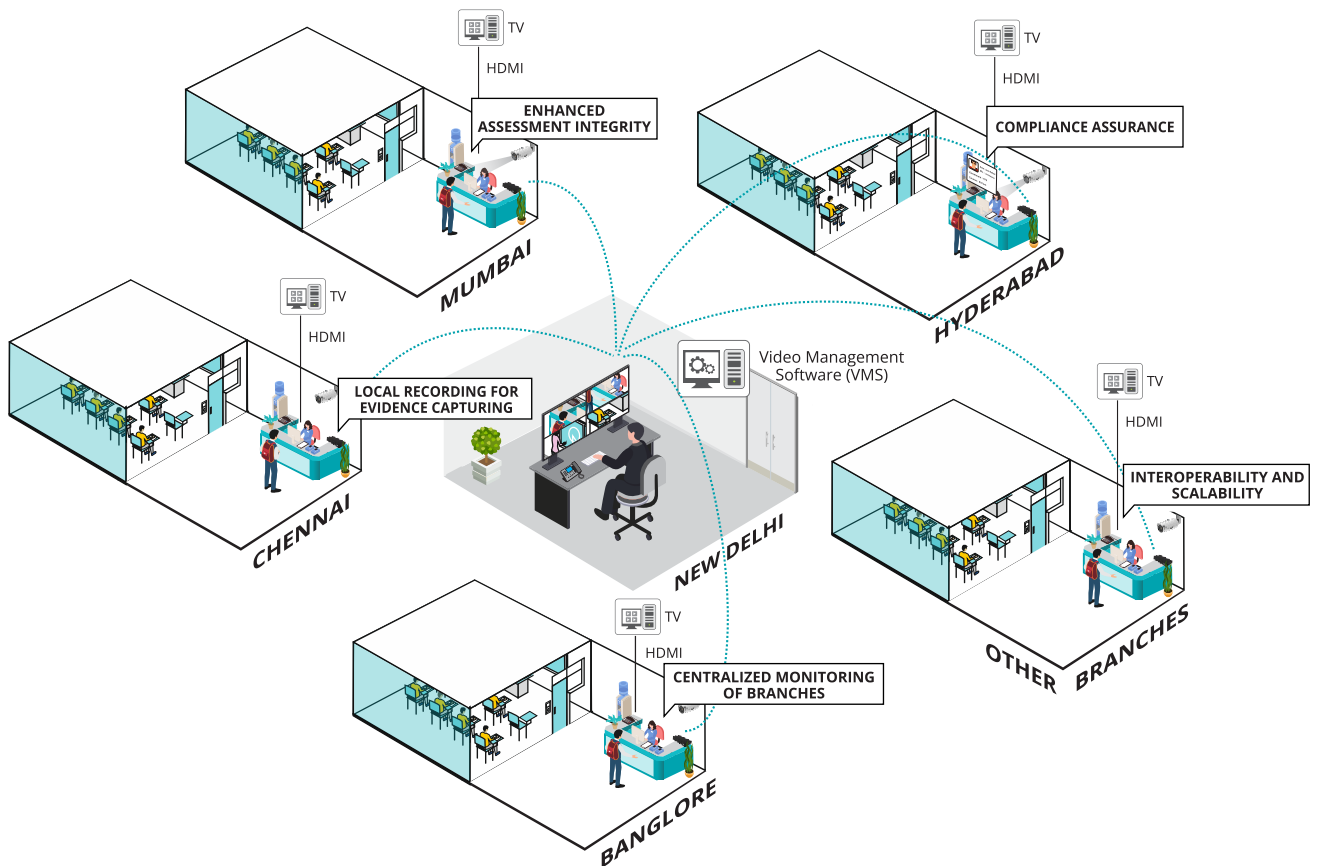 Enterprise VMS: 3 Concurrent User Licence

Benefits:

- **Enhanced Assessment Integrity:** By implementing Matrix 2MP PTZ cameras with 25x optical zoom across all 61 assessment centers, The company ensured the integrity of our assessment process. These cameras meticulously capture the faces of candidates arriving for tests, allowing us to verify their identities and maintain accurate records.

- **Standardized and Replicable Procedure:** The Education Centre needed a standard procedure that could be replicated across our extensive network of centers. The Matrix surveillance solution provided it with a standardized approach that could be easily implemented in new locations, ensuring consistency in its assessment process.

- **Compliance Assurance:** The addition of Matrix PTZ cameras with 25x optical zoom and a secondary layer of surveillance helped us monitor and ensure compliance with our Standard Operating Procedures (SOP) at all times.

- **Dependable and Scalable Surveillance:** Matrix's NVRs with different capacities allowed the Institute to locally store recorded details at each center while ensuring reliability and scalability for future expansion.

- **Centralized Monitoring:** To streamline our operations, we needed a surveillance system that allowed seamless central monitoring. Matrix's solution facilitated the cross-referencing of student details with their system centrally and, enhancing efficiency and data accuracy.

Interoperability:

Matrix's surveillance solution is designed to be interoperable, ensuring seamless integration with our existing infrastructure. This interoperability enables us to adapt to evolving technological requirements while maintaining the integrity of our assessment process.

In summary, Matrix's comprehensive surveillance solution not only addressed our immediate challenges but also provided a robust foundation for our assessment process, enabling us to uphold the highest standards of integrity, compliance, and efficiency across all our assessment centers.

Solution Diagram

About Matrix

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. As a 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 Systems, Network Video Recorders 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 4000+ channel partners, Matrix ensures that the products serve the needs of its customers faster and longer.

Matrix has ISO 27001: 2013, 20000-1 2018, 14001- 2015, and 9001: 2015 certifications for quality management standards. Matrix has also been awarded ZED Quality Certification, and DSIR Certification for indigenous R&D and Manufacturing. Matrix has gained the trust and admiration of customers representing the entire spectrum of industries.

For further information, please contact:

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