



## INSTITUTE PROFILE

The Tata Institute of Social Sciences (TISS) was established in 1936, as the Sir Dorabji Tata Graduate School of Social Work in Mumbai. It is first graduate school of social work in India. It has subsequently influenced the direction of social work, education and social research in India. Later in 1944, it was renamed as the Tata Institute of Social Sciences.

## PROJECT HIGHLIGHTS

- **Application:** Time-Attendance and Employee Self Service
- **Users:** 4,000+
- **Location:** Mumbai and Guwahati
- **Reader Fingerprint** (with Optical Sensor)
- **Industry:** Education



## BUSINESS CHALLENGES

Tata Institute of Social Sciences wanted to manage time-attendance of more than 2,000 students and 300 employees at their Mumbai location. Initially, they were using traditional methods for attendance marking. As a result, they were facing many problems in maintaining records for the same. Hence, they required an efficient system for maintaining and recording accurate attendance data of students and staff. They needed biometric hardware solution with battery backup along with software compatibility.

They wanted a solution that would mark in punch and out punch of students in every lecture and an automated system that would send data to the server. Additionally, TISS also wanted a solution, which can be integrated with third party payroll system for timely salary payment of their staff.

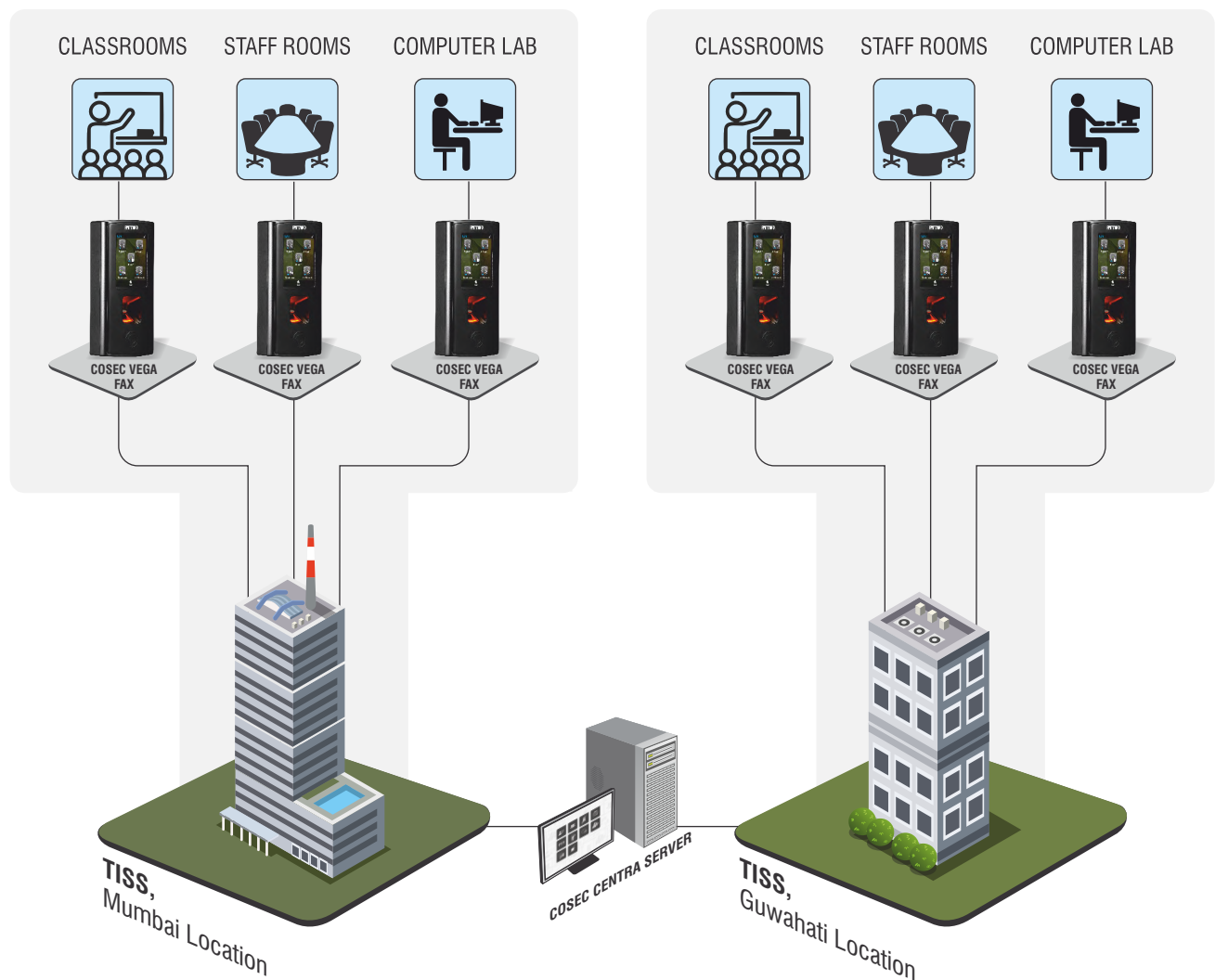
## MATRIX OFFERED SOLUTION

After having a detailed discussion with TISS team, Matrix offered a comprehensive Time-Attendance solution for students and staff members.

Matrix has installed 54 fingerprint plus RFID Card based terminals with battery backup (COSEC VEGA BBU) at the Mumbai campus. All these devices are connected via LAN with the COSEC CENTRA server installed at TISS, Mumbai.

HR/Admin can track attendance of all the employees and generate different reports for timely salary payment. Similarly, all the faculty members can generate monthly and semester-wise attendance reports of the students.

## SOLUTION DIAGRAM



## RESULTS

- Efficient Time-Attendance Management
- Fraudulent Time Keeping gets Eliminated
- Accurate Time-Attendance Data of Students
- SMS Notification to Parents
- Timely and Accurate Salary of Employees
- Increased Productivity
- Customized Reports as per Requirement

## PRODUCTS

<b>COSEC VEGA FAX</b>	Optical Fingerprint and Card Based Time-Attendance Terminal
<b>COSEC VEGA BBU</b>	Battery Backup for VEGA Series Door Controller
<b>COSEC LE CENTRA</b>	Application Server for 1000 Users
<b>COSEC LE TAM</b>	Time-Attendance and Leave Management Module

## 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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