



MATRIX TIME-ATTENDANCE SOLUTION FOR STERLING AND WILSON COLLECTS ATTENDANCE DATA OF REMOTE SITES USING WIRELESS CONNECTIVITY

Case Study

COMPANY PROFILE

Sterling and Wilson, established since 1927, is currently having its corporate office in Mumbai, India. It is one of the leading turnkey MEP (Mechanical, Electrical & Plumbing) Services Company with 60% of its business coming from electro-mechanical projects. Just as the company has been instrumental in pioneering MEP services in India, it has also executed several prestigious MEP projects internationally. Sterling and Wilson is expanding with approximately 10,000 employees located at various regional and branch offices and project sites.

PROJECT HIGHLIGHTS

- **Industry:** Construction
- **Customer Name:** Sterling and Wilson
- **Location:** 155 Across India, Srilanka, Qatar and KSA
- **Devices:** 587+ Access Control and Time-Attendance Devices, that include:
 - COSEC CENTRA ACM
 - COSEC CENTRA TAM
 - COSEC PANEL LITE
 - COSEC DOOR FOT
 - COSEC PATH DCFE
- **Users:** 10,100

Applications: Time-Attendance and Access Control

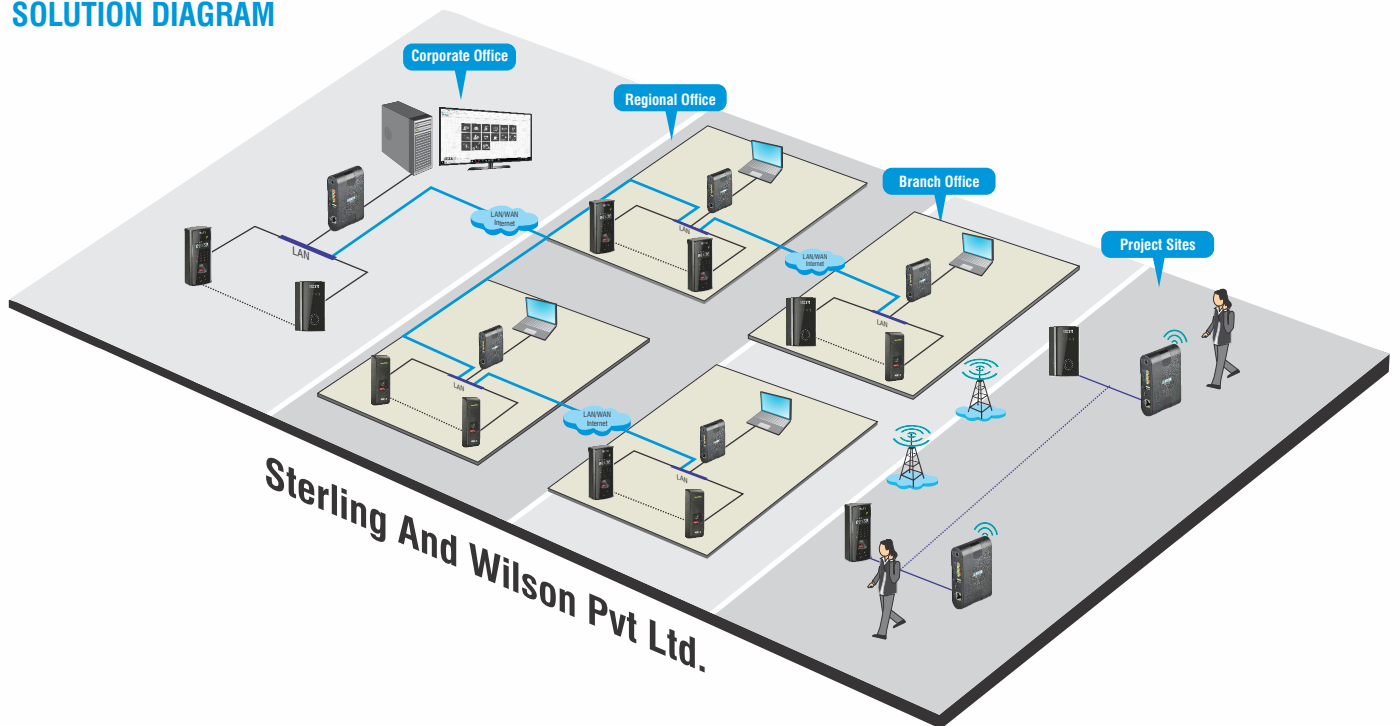
BUSINESS CHALLENGE

It was a herculean task for corporate HR to process staff salary and overtime from manually recorded attendance collected from all project sites. Managing attendance of 10,000 employees distributed among regional/ branch offices and remote sites from a central location was a tedious task. Replacement of existing manual attendance mechanism with automatic attendance marking functionality was the major requirement. Additionally, they wanted wireless connectivity solution for managing remote project sites for error-free tracking and management of employee attendance.

MATRIX OFFERED SOLUTION

Matrix comprehensive solution offered centralized Time-Attendance solution to Sterling and Wilson connected all project sites with regional and branch offices and these offices to corporate head office. Matrix offered solution provides wireless connectivity option to server through 3G Internet Dongle to prevent loss of data from remote locations. This ensures efficient data management in case of emergency like, internet connectivity failure during which all the events are stored in the device. Hence, the events can be restored easily as soon as it recovers its connection back to the server. Solution from Matrix offered an integrations with third party resource planning software-SAP to the client.

SOLUTION DIAGRAM



RESULT

Buddy punching or fraudulent time-keeping is eliminated.

Capturing biometric attendance of all employees has smoothed HR's task.

Corporate HR can get real-time attendance of all employees at a central location.

Accurate in/out time of each employee is acquired.

Monthly salary and overtime are paid only when fingerprint based in/out time for each working day of every employee is obtained.

Any delay in projects due to employee attendance gets easily identified.

PRODUCTS

COSEC CENTRA ACM	Access Control Software Module
COSEC CENTRA TAM	Time-Attendance Software Module
COSEC PANEL LITE	One Site Controller for Every Building or Location up to 255 Doors
COSEC DOOR FOT	Standard Optical Fingerprint and RFID Card based Door Controller
COSEC PATH DCFE	Standard Optical Fingerprint and RFID Card based Door Controller

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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