

NATPET in Saudi Arabia Secured the Assets and Regulated the Employees' Work with Matrix All-in-One Solution

Case Study

COMPANY PROFILE:

National Petrochemical Industrial Co. (NATPET) is a Saudi Arabian company producing Polypropylene (PP) resin since the year 2009. The plant is in Yanbu Industrial City on the west coast of Saudi Arabia having a name-plate production capacity of 400,000 MT/Year.

NATPET PP plant is using the state-of-the-art LyondellBasell licensed Spheripol technology producing a market-defined range of distinguished quality of PP resins. The plant is enjoying the sustainable advantage of producing its own high quality main raw material, Propylene, through an integrated Propane Dehydrogenation (PDH) plant.

CHALLENGES:

- Device Which can Work in Harsh Environmental Conditions
- Complexity in Access Control Policies for Security
- Difficult Fire Alarm Integration to Open the Door in Emergency Case
- No Real-time Notifications
- Manual Work for Employee Attendance and Leave Policies
- Difficulty in Managing Multiple Shifts
- Work Hours Calculation for Different Shifts
- Difficult HRMS Integration with SAP for Salary Processing
- Difficult to Manage Visitors & Access Control

- Industry: **Manufacturing**
- Customer Name: **National Petrochemical Industrial Co. (NATPET)**
- Users: **1500+**
- Devices: **35+ Door Controllers**
- Location: **10+**

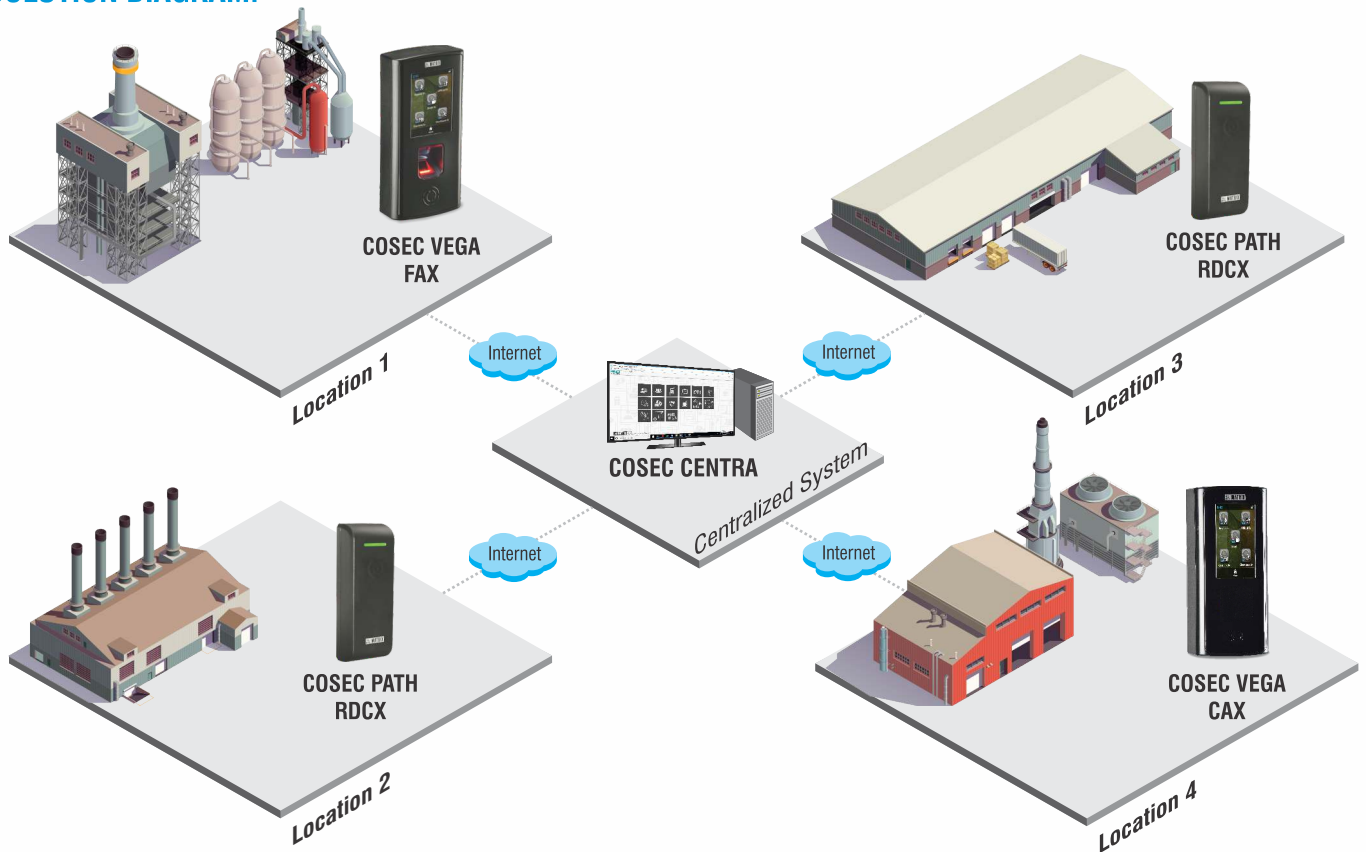
SOLUTION:

Matrix always strives to provide a customized solution for every single customer-specific requirement with its world-class products. After discussion with the customer, Matrix provided a web-based centralized environment to accommodate all their needs such as Time-Attendance/Access Control/Visitor Management on a single platform/portal. IP based architecture provided by Matrix enhanced reliability and scalability of the solution. Matrix offered advanced Access Control policies suitable for all the mission-critical organization-specific scenarios. Fire alarm integration on the same platform without additional hardware manages multiple shifts and overnight shifts effectively. Moreover, direct integration with SAP without middleware/manual efforts have made the process easy and hassle-free. They managed visitors by the fast and error-free visitor check-in process and controlled visitors' access in sensitive areas with the help of Matrix solution.

PRODUCTS OFFERED:

- Fingerprint + RFID + PIN based Door Controller with Wi-Fi & POE- **COSEC VEGA FAX**
- RFID + PIN based Door Controller with Wi-Fi & POE- **COSEC VEGA CAX**
- RFID with POE- **COSEC PATH RDCI**
- Application Server Platform with 2000 Users- **COSEC CENTRA LE**
- Time-Attendance Software Module- **COSEC LE TAM**
- Access Control Software Module- **COSEC LE ACM**

SOLUTION DIAGRAM:



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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