

# Case Study – Almabani General Contractors

Implemented By:



## Almabani General Contractors Introduction

---



- Civil Construction Company
- Location: Head Office – Jeddah
- Location: Branch Office - Khobar, Riyadh & Lebanon
- No. of Employees: 1500 +
- No. of Locations: 12 (Including HO, Branches and sites)
- Matrix Solutions: Centralize Time attendance & Access Control System
- No of Devices: 48



# Challenges Faced By Customers

---

- Traditional Decentralized Access Control & Time Attendance System
- Finger doesn't recognize in the 1st attempt because of the Poor quality of the Existing Biometric Sensors.
- Contactless verification for Head of the department & CEOs.
- A major problem for a construction worker to mark the attendance in the biometric system because of their rough fingers.
- Many policies couldn't be implemented due to software restriction.
- Attendance Marking Challenge for outdoor employees.
- Only Basic reports were available for attendance and access.
- Third party integration was not possible because of different Database
- Unsatisfied with Support from the Existing Supplier.

# Why Opted for Matrix Solution ?



- Centralized Control and management for entire location handled by only one person.
- Multispectral Finger Print Sensor Technology.
- Contactless verification for Door Access & Attendance Marking with Palm Vein Reader
- Fully customized with multiple Shifts, OT and Attendance policies can be applied to individual user etc..
- Smart Mobile Application for Attendance Marking, and leave application etc.
- More than 200 Different types of reports are available.
- Automatic Data synchronization with the codec server.
- Flexibility - Connectivity 3G, WIFI
- Easy Integration with Any Third party Payroll Software.



## Solutions Offered

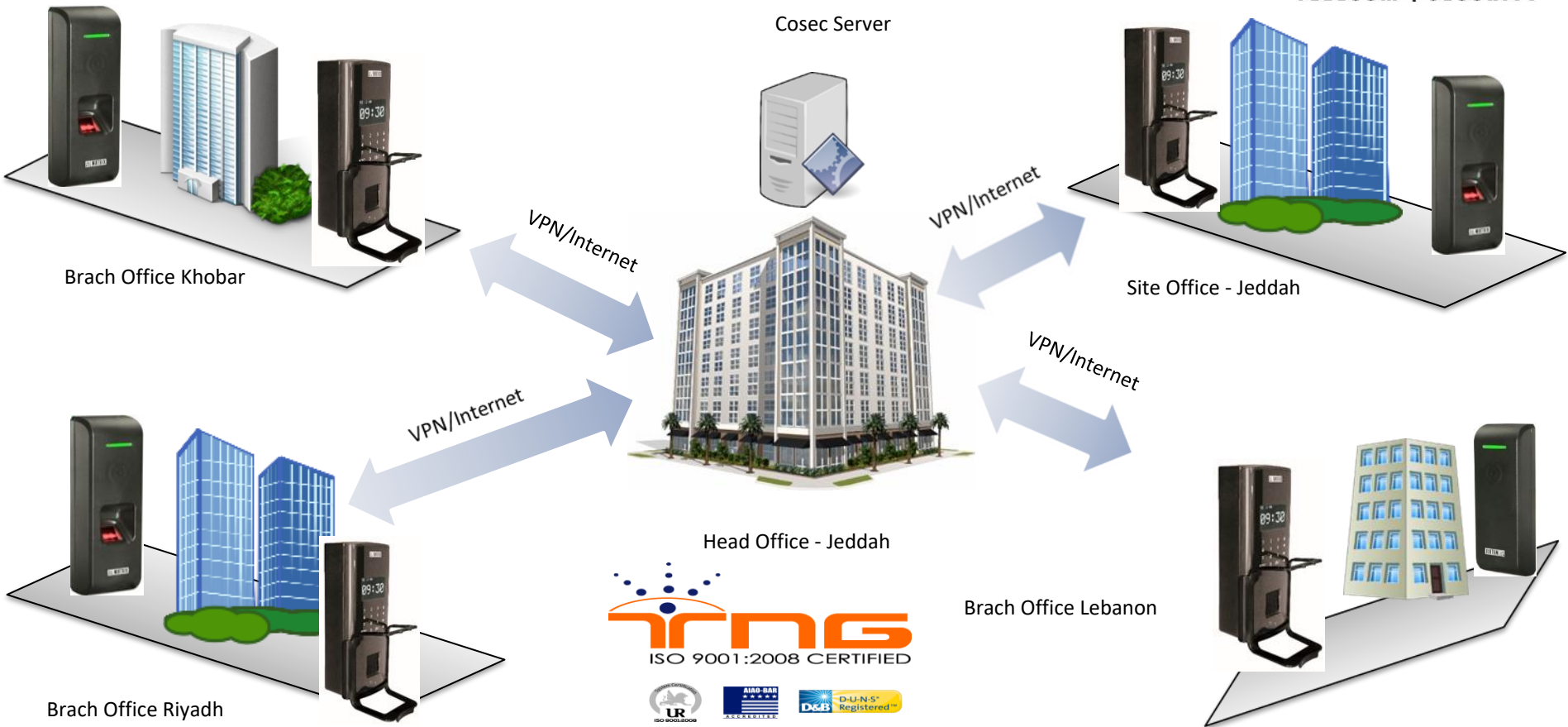
---



- COSEC DOOR PVR – Palm Vein based Door Controller
- COSEC PATH DCFE – Biometric Fingerprint + RFID based Door Controller
- COSEC PATH DCCE – RFID based Door Controller
- COSEC PANEL LITE – Door Controller for Advance Access Control feature
- COSEC LE PLATFORM – For 1500 + Users
- COSEC LE TAM – Time-Attendance Application Module
- COSEC LE ACM – Access Control Module
- COSEC LE ESS – Employees Self Service Module (Mobile App)
- COSEC INTEGRATION - Integration with in House payroll Software

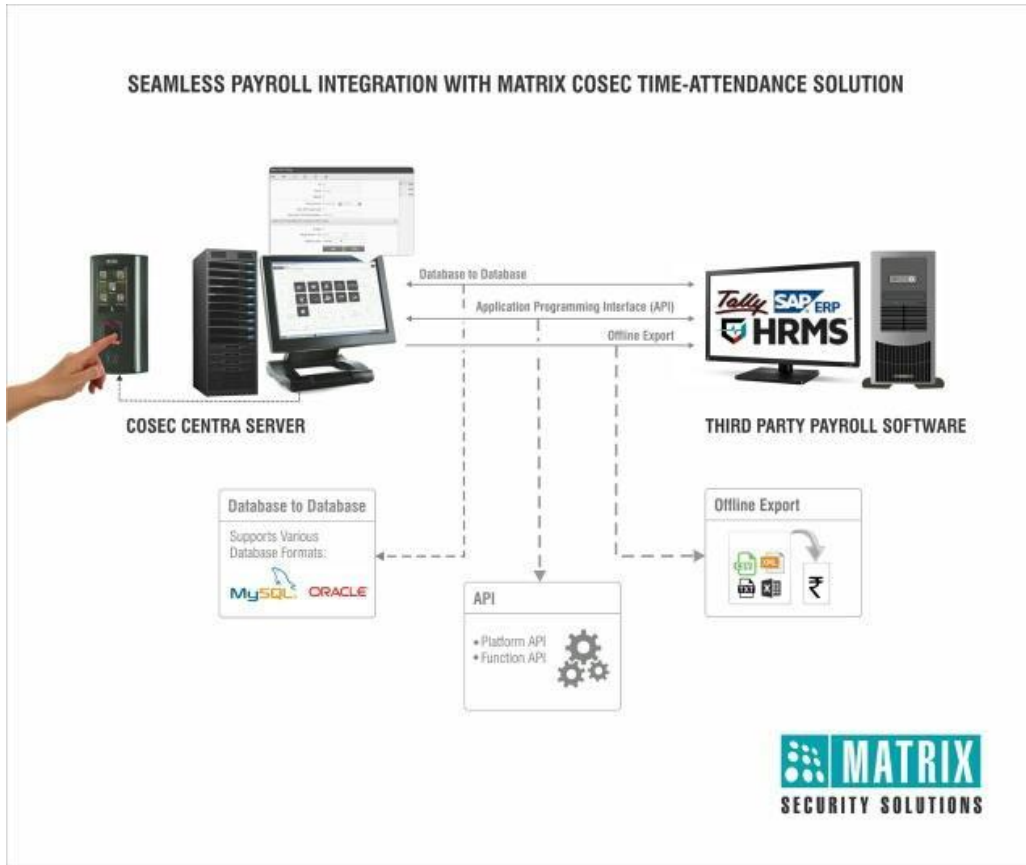


# Solution Diagram



# Integration with Third Party payroll Software

Cosec Server Integration with Third party Payroll software by using Cosec Integration Application Software



# Integration with Third Party Hardware



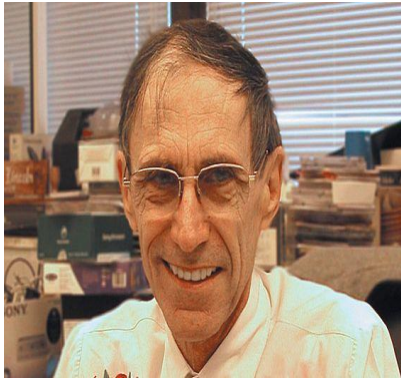
Integrated Third Party readers with Cossec Controllers

Third Party DVR Integrated for Snapshot while accessing the doors.

Fire Alarm System Integrated with Cossec Access Control system for opening the door in Fire emergency.



## Results



### **Mr. John Lincon**

Chief Technical Officer  
ALMAGC Saudi Arabia

One of the largest construction companies in the Kingdom, we found ourselves in the uncomfortable position of managing our multiple Branches Time attendance & Access control system. It was very difficult to communicate with every branches for their attendance sheet to generate the salary.

IBS our technology partner has provided Matrix Time Attendance & Access Control Solution. now we are more confident doesn't need to depend on anyone centralize control & Monitoring. which has solved our problems and greatly reduced the Manpower for attendance management, All the Branches are secured with high end technology Palm reading devices.

# Matrix Support in Implementation



- Matrix has supported from first meeting with customer for understanding the exact requirement of customer to provide the cost effective solution.
- Provided other client references to win the order.
- Pre – Sales Team help us to make the Proper BOM as per requirement with all necessary pre-requisites and sample Architecture diagram.
- Technical Support Team :- Supported through out the Implementation and configuration of Advance Access Control & Time Attendance Policies also supported for Integration with Third party payroll integration.



# Magnitude of Project

---



- No of Locations: 12
- No. of Devices: 48
- Type of Devices: COSEC DOOR PVR, PATH DCFE, DCCE AND PANEL LITE
- Business Value: 62,000 USD
- No of Users: 1500+



# Our Prestigious Customers

