



**Matrix People Mobility Solution for  
Construction and Real Estate Segment**  
*Right People in Right Place at Right Time*

EXPECT MORE.

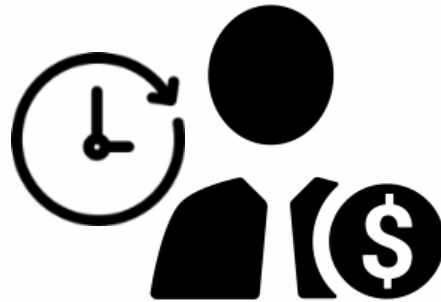
# MATRIX PEOPLE MOBILITY SOLUTION: Construction and Real Estate Segment



Pain Area



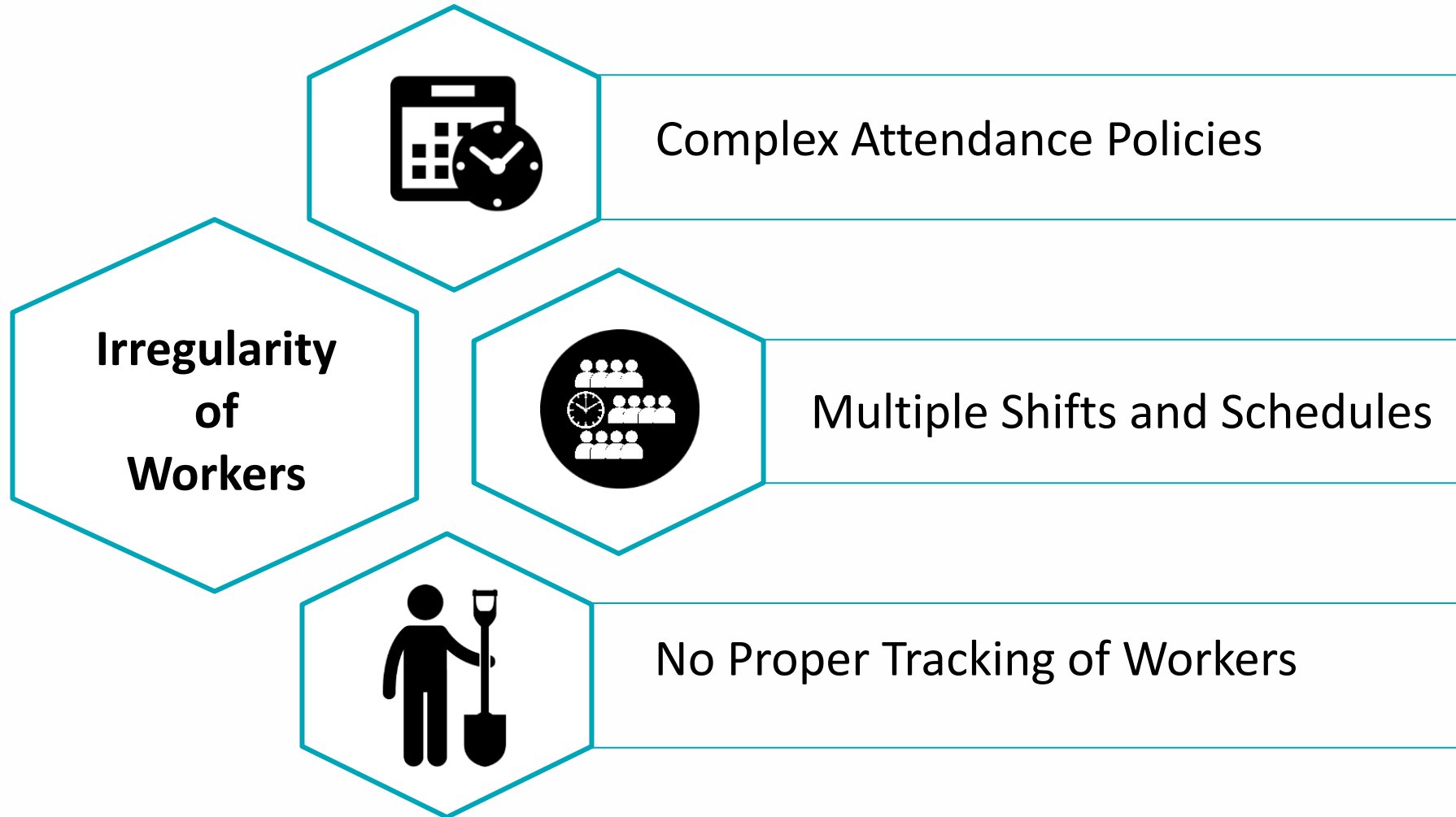
**Irregularity of Workers**

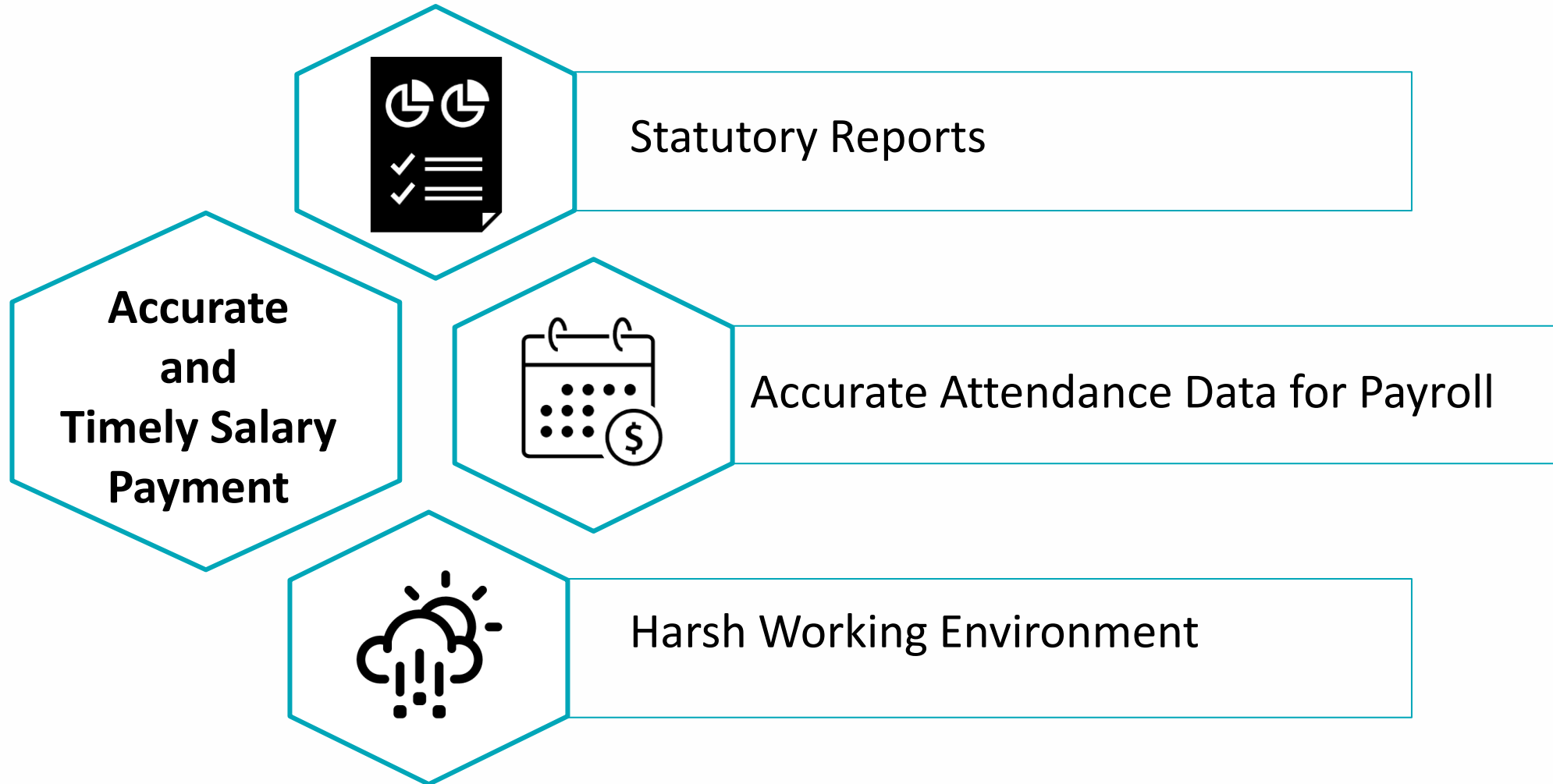


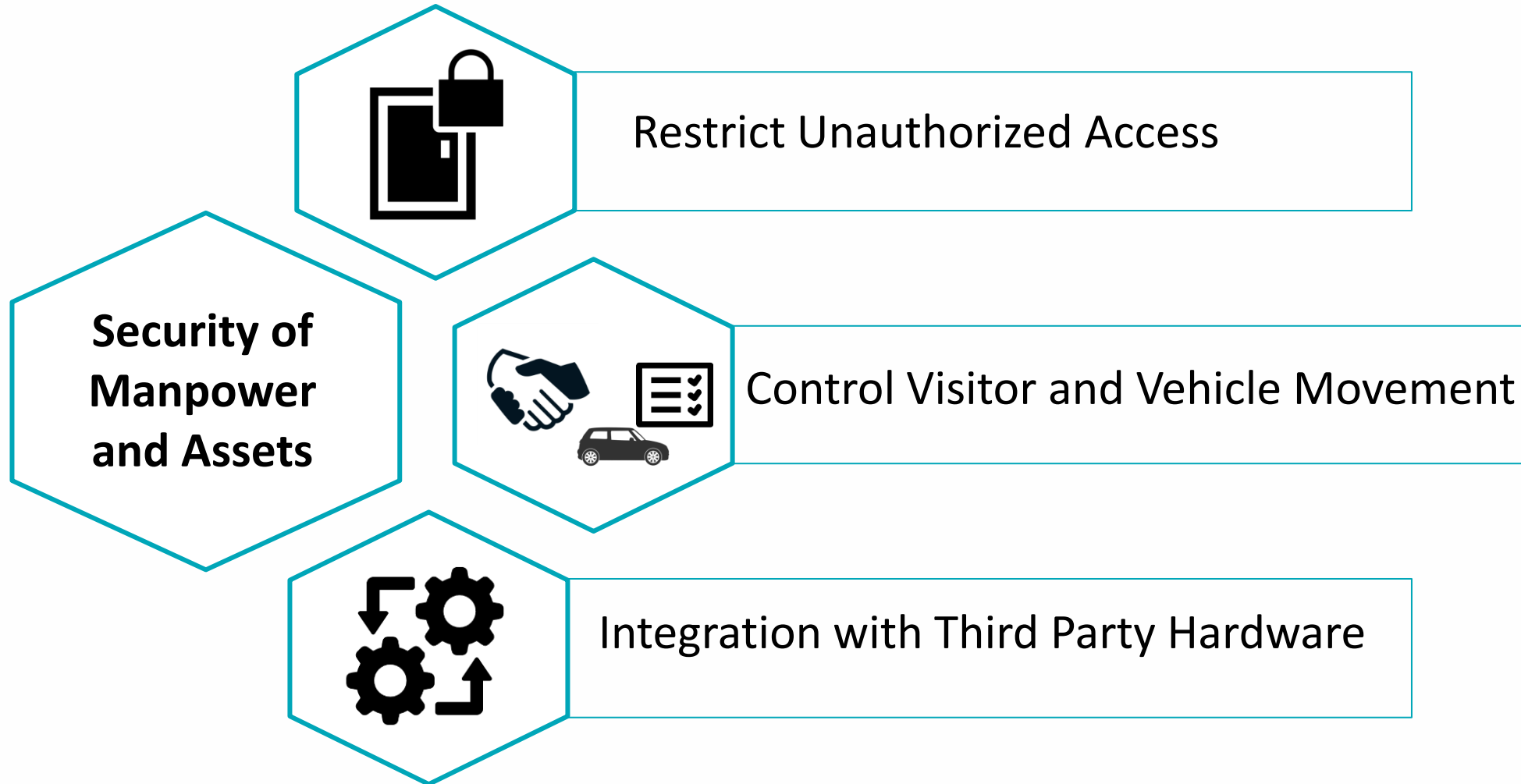
**Accurate and Timely Salary  
Payment**



**Security of Manpower  
and Assets**







# Solutions

**Irregularity  
of  
Workers**



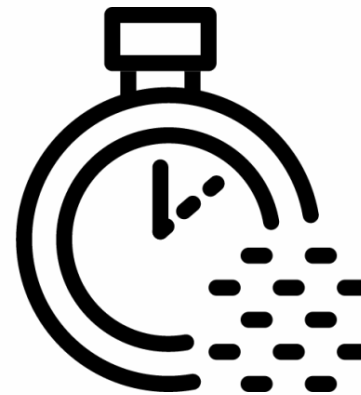
Complex Attendance Policies



Late IN/OUT



Early IN/OUT



Overtime



C-OFF Policies

Consistent and Transparent Attendance Policies without Manual Intervention



Leave Policies



Tour Policies



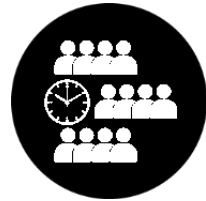
Leave Approval



Leave Encashment

Define Leave Policies with Customized Parameters

**Irregularity  
of  
Workers**



Multiple Shifts and Schedules

# Manage Overnight Shifts



Feasible up-to unlimited shifts and 999 Schedules

**Irregularity  
of  
Workers**



No Proper Track of Contractors and Workers

# Contract Workers Management



Allows Managers and Contractors to Improve Labor Productivity

# COSEC Live Tracker



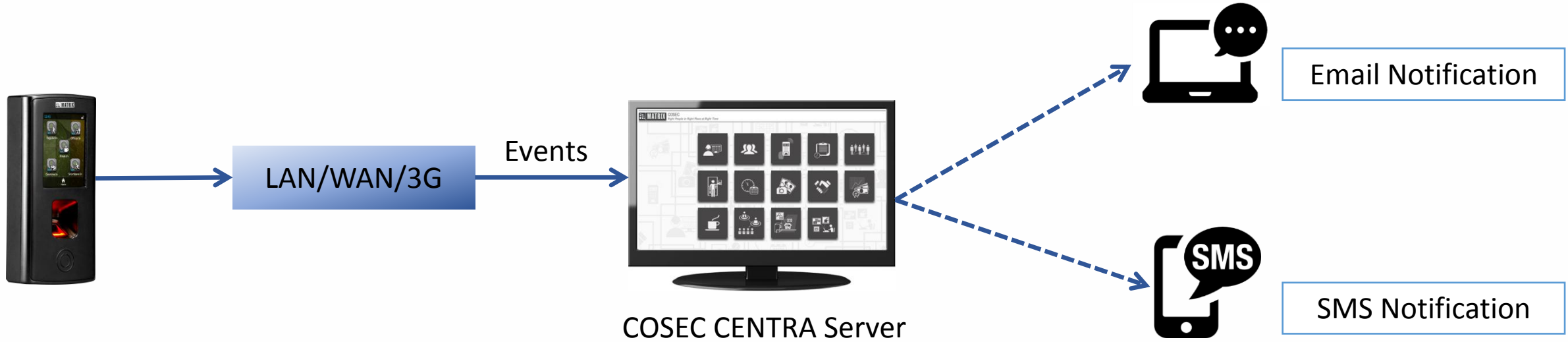
Shift View				
ID	Name	Scheduled	Not Reported	Reported
+ 10	GENERAL 9 30 TO 7 00	0	0	0
+ 11	General Shift	3	3	0
+ G5	MORNING 0730 TO 1630	29	21	8
+ GN	General New	42	42	0
+ 23	Fac General Shift	188	44	144
+ CN	Consultant New	3	3	0
+ GS	HO RnD General Shift	458	118	340
Total		742	249	493

Site View					
ID	Shift Name	Reported	ID	Site Name	Reported
10	GENERAL 9 30 TO...	0/0	1	Site-1	424
11	General Shift	0/3	2	HO	64
GN	General New	0/42	3	RnD	8
G5	MORNING 0730 T...	8/29			
23	Fac General Shift	144/188			
CN	Consultant New	0/3			
GS	HO RnD General S...	340/458			
Total		496/742	Total		496

Who's IN View		
ID	Site Name	Who's IN
1	Site-1	458
2	HO	54
3	RnD	7
Total		519

Live Head Count of Users according to Shift, Site and Who's IN

# Real-time Notifications



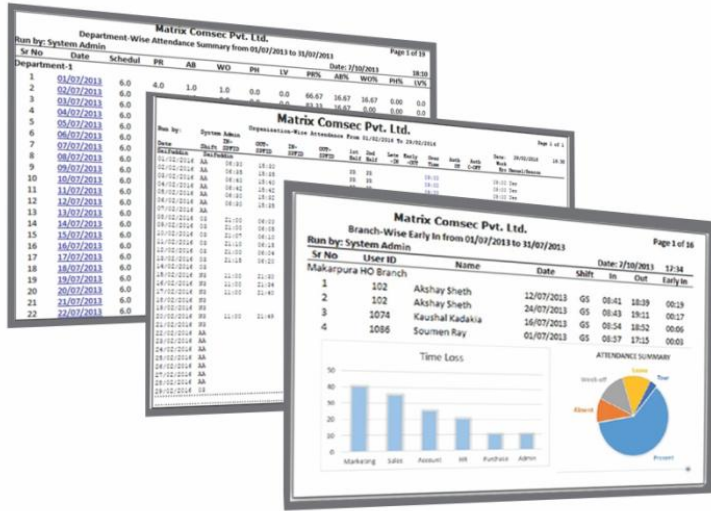
Notify Employee and Reporting Officer on Exceptional Situations

**Accurate  
and  
Timely Salary  
Payment**



Statutory Reports

# Customized Reports



This screenshot shows a report generation interface. It features a 'Select Users' dropdown menu with 'All' selected, and a 'Generate Report For' dropdown menu with 'All' selected. A 'Generate Report' button is located below the dropdowns.

This block contains two screenshots of report generation interfaces. The left screenshot shows a 'Select Users' dropdown with 'Select Group' selected, and a 'Select Group' dropdown with 'Organization' selected. The right screenshot shows a 'Select Users' dropdown with 'All' selected, and a 'Generate Report For' dropdown with 'Active Users' selected.



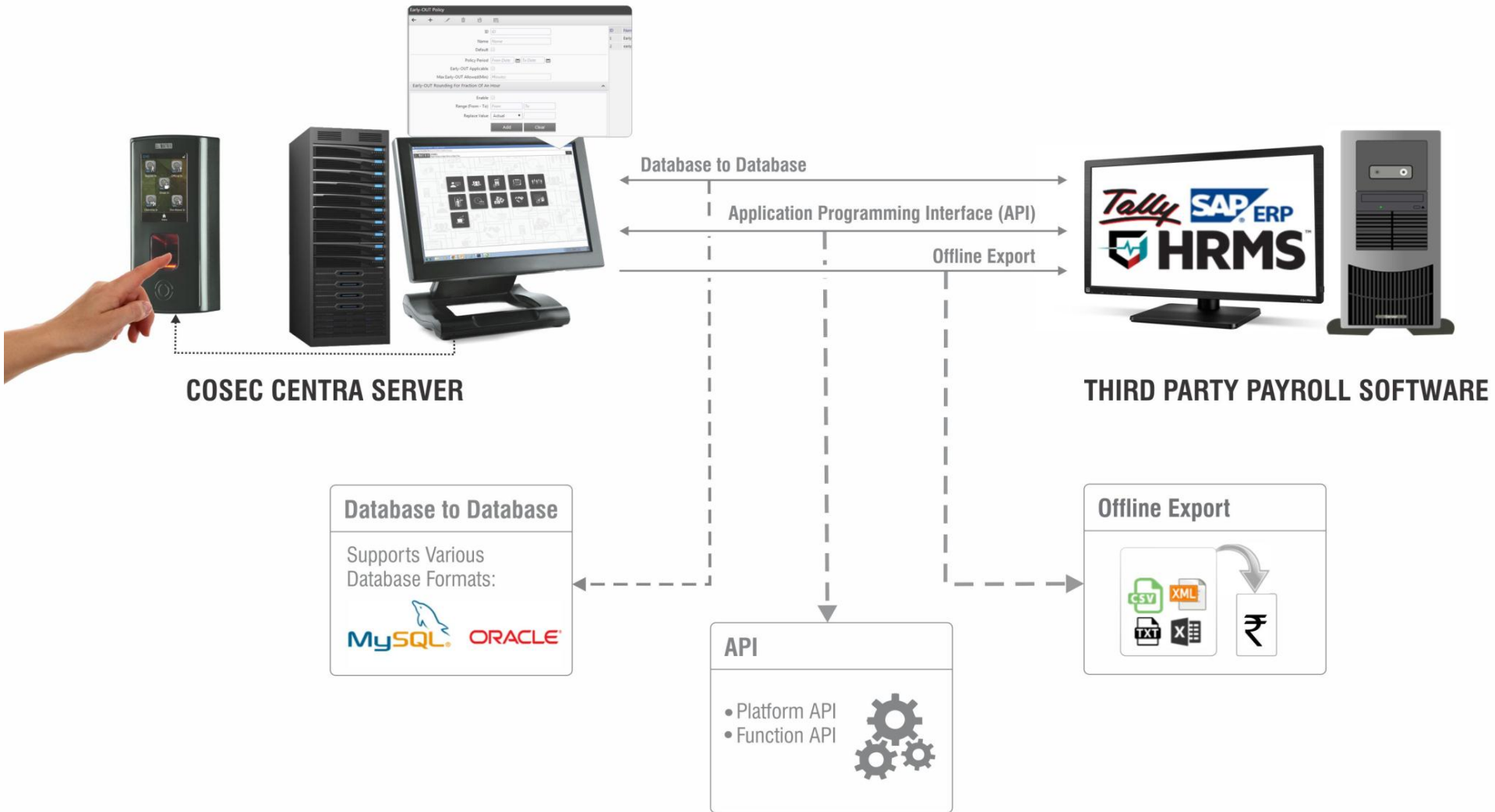
200+ Reports and Charts with Various Filters and File Formats

**Accurate  
and  
Timely Salary  
Payment**

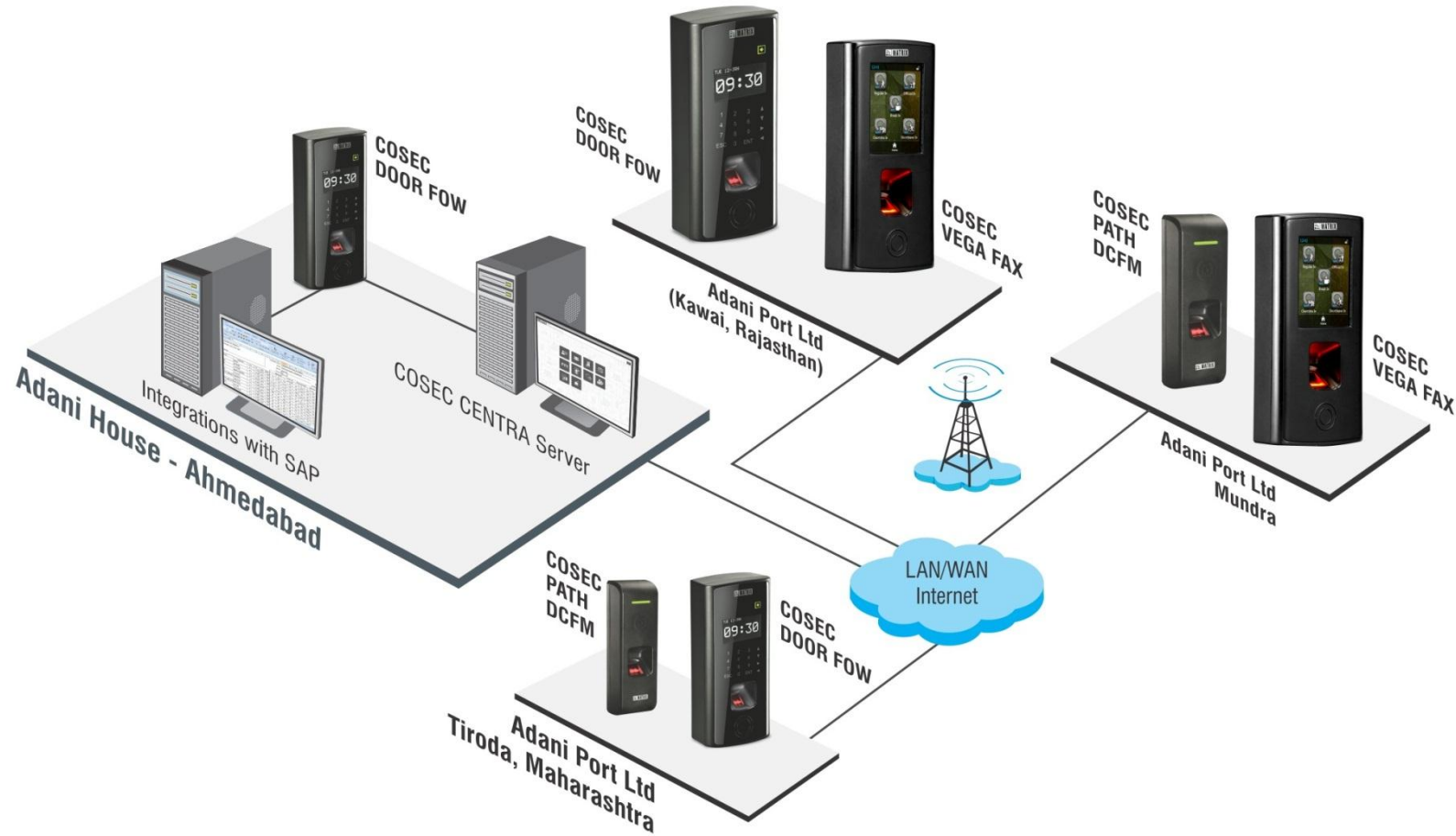


Accurate Attendance Data for Payroll

# Payroll Integration



# Centralized Management

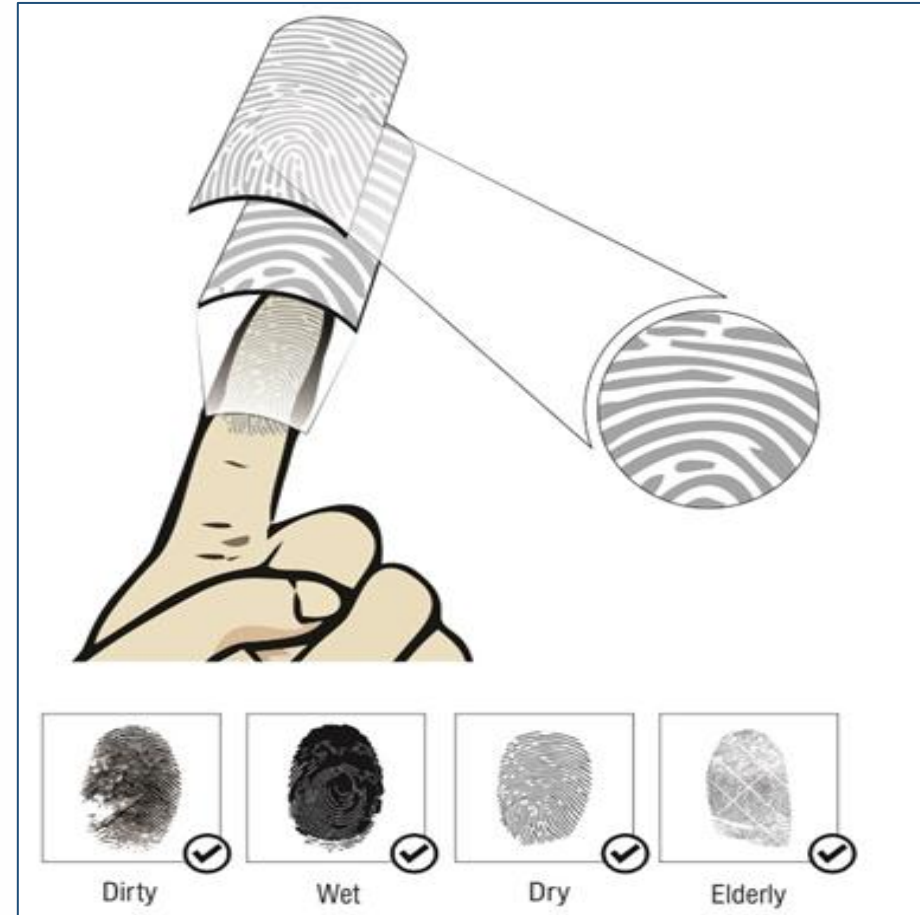


**Accurate  
and  
Timely Salary  
Payment**



Harsh Working Environment

# Multispectral Fingerprint Reader



High Performance Door Controller with Multispectral Fingerprint Reader

# Contactless Palm Vein Reader



Contactless COSEC DOOR PVR with Detachable Hand Guide

# Door Controller with Battery Backup Unit



Hand-held Time-Attendance device with Battery Backup



- **Benefits:**
  - Resistant to Dust
  - Certain of Protection from Liquid
  - Suitable for Weather Proof Installations

Perfect fit for Outdoor Applications



Wi-Fi



4G/LTE/3G



USB

Flexibility in Designing Security Solution Reducing Installation and Maintenance Costs

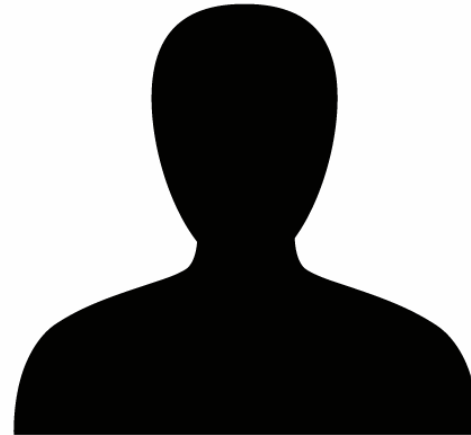
**Security of  
Manpower  
and Assets**



Restrict Unauthorized Access



User Access only During  
Particular Time Period



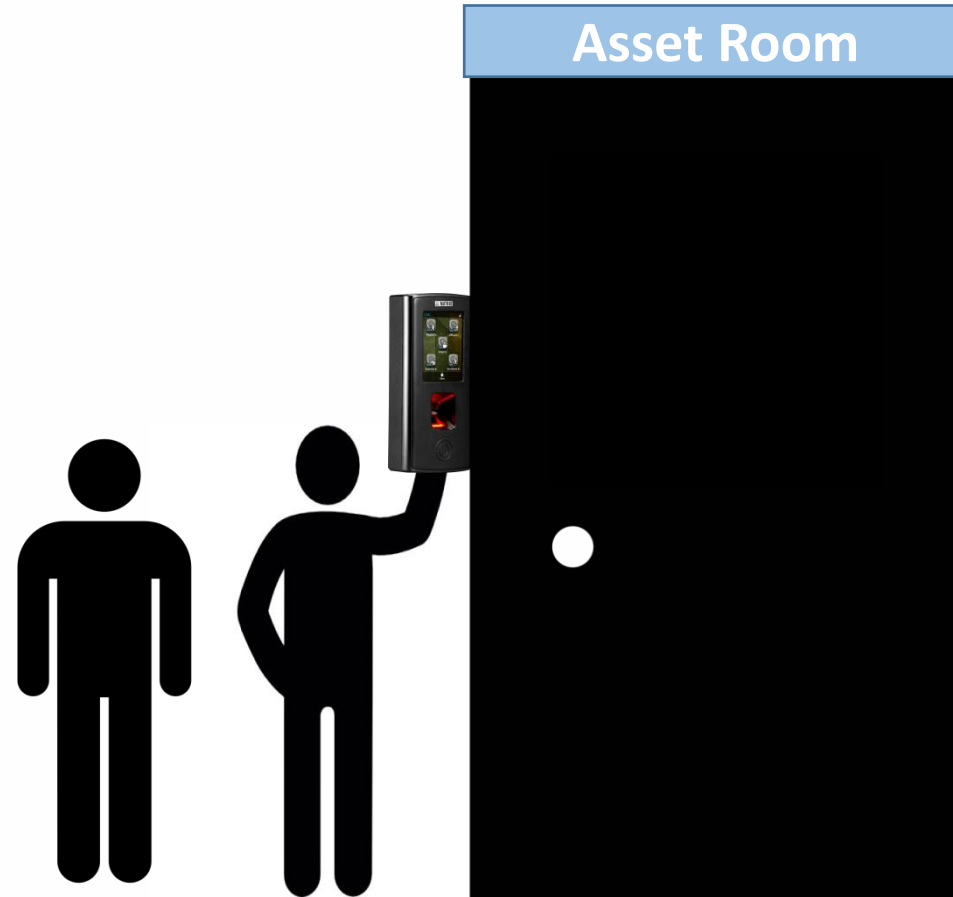
User Access to Limited  
Areas



Define Zone for Users

Restrict User to Specified Area

## 2-Person Rule: Dual Authentication



Prevent a Single Person from Entering any Confidential Area

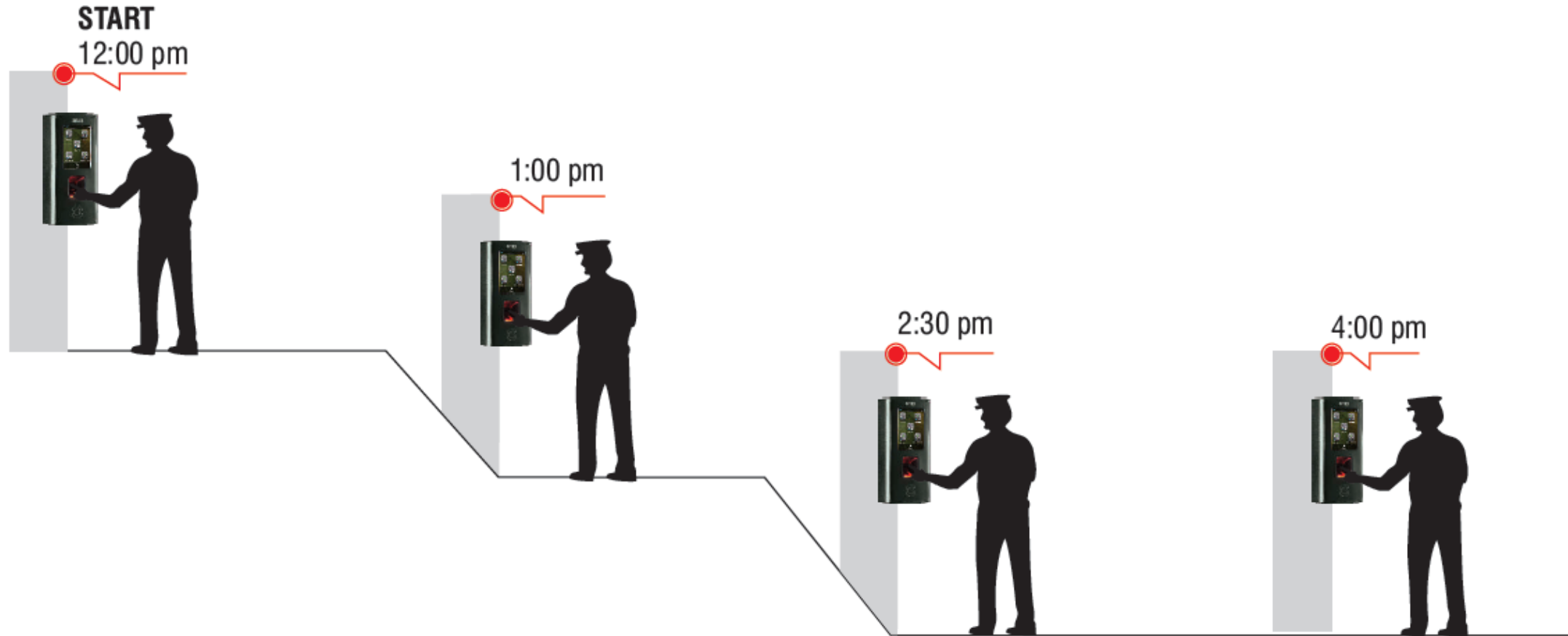
# Dead-Man Zone

## Construction Site



User needs to Confirm his Presence at Pre-defined Interval

# Guard Tour



Enforce Vigil Patrol of Security Guards or Such Pre-fixed Movement of Other People

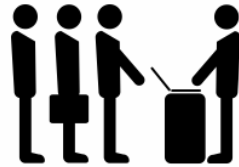
**Security of  
Manpower  
and Assets**



Control Visitor and Vehicle Movement



Access Route



Visitor Pre - Registration



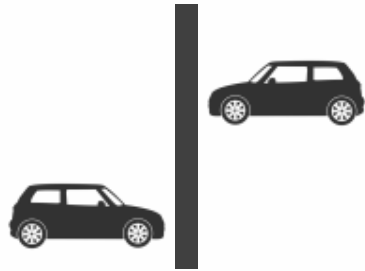
Notifications

Limits the Mobility of Visitor to Specific Area

# Vehicle Management



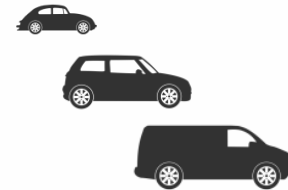
Vehicle Profile



Records Entry/Exit



Vehicle Access Control



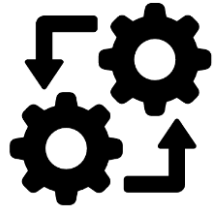
Vehicle Authentication



Visitor Vehicles

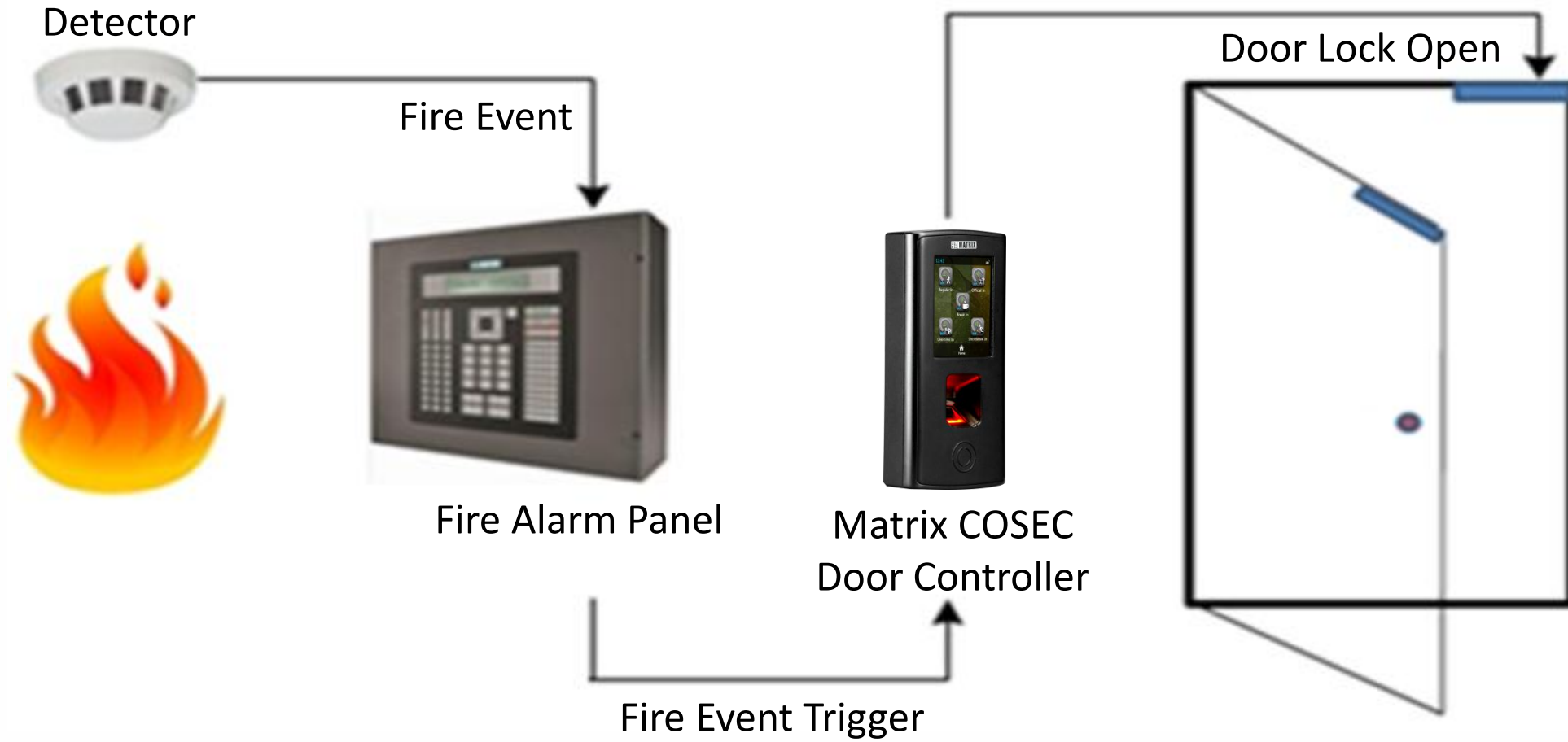
Vehicle Access Authentication, Recording and Management

**Security of  
Manpower  
and Assets**

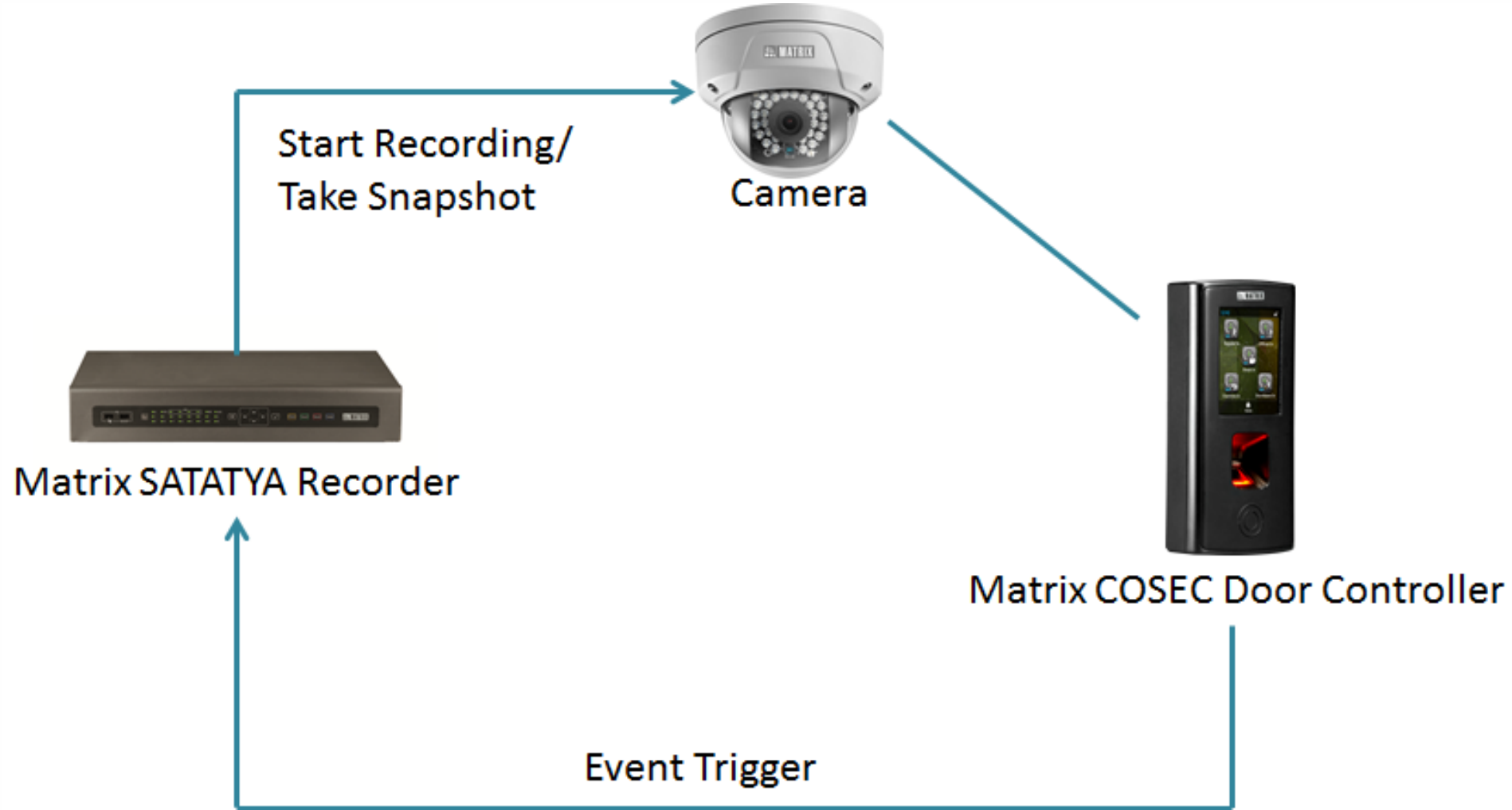


Integration with Third Party Hardware

# Integration with Fire Alarm



# Integration with Video Surveillance



# Integration with Hardware



# Benefits with Matrix



Increase Productivity



Automate Attendance  
Process



Increase Security



Reduce Payroll  
Errors



Reduce Cost



Higher Employee  
Satisfaction

**Applications:**

- Managing Access Control and Contract Workers across multiple locations

**Technology:**

- Biometric Fingerprint
- Smart RFID Card
- Wireless Connectivity

**Matrix Offering:**

- Devices: 600 +
- Users: 12000 +
- Location: 25 + Business Units

**Benefits:**

- Security Enhanced by Integration
- Error Free Man-hours Computation for Quick and Effective Wages' Calculation
- Smooth Monitoring of Workers and Contractors
- Easy Tracking of Work Orders

**Solutions Offered:**

- COSEC Contract Workers Management Solution across Four Locations
- Centralized Attendance Management
- Tracking Work Orders' Progress
- Integration with SAP using Database to Database Linking
- Real-time Notifications on Exceptions
- Integration with Boom Barrier and Turnstile
- Access based on 2-Person Rule
- Route based Access Control
- Restrict Intruder from Escaping Using Man-Trap
- Alarm on Access Rule Violation
- Dead Man Alarm for Security Cabin's Access Rule Violation

**Applications:**

- Time-Attendance
- Employee Self Service Portal

**Technology:**

- Biometric Palm Vein based Devices

**Matrix Offering:**

- Devices: 200 + Palm Vein Readers
- Users: 20,000+
- Location: Mumbai, Bangalore, Delhi

**Benefits:**

- Error free Time-Attendance and Overtime data
- Accurate and Hygienic Biometric Attendance System
- Centralized Report generation for faster and accurate Salary computation
- Increase in morale of employees due to their ease in managing their Leaves and Holidays

**Solutions Offered:**

- Web based Time-Attendance System
- Installed around 400 Palm Vein Reader based Time-Attendance Terminals
- Central Server for each location for managing Palm Template database separately
- Employee Self Service software through which Employees can view their Attendance details

# Clientele



	Adani Enterprises Ltd.		Shapoorji Pallonji & Co. Ltd.
	Sterling & Wilson		Rustomjee Builders
	Al Khodari Sons & Co		Afcons Infrastructure Limited
	Toyota Construction Pvt. Ltd.		Capacit'e Infraprojects Ltd

# Matrix COSEC Product Range



**VEGA Series**



**DOOR Series**



**PATH Series**



**ARC Series**

# Matrix COSEC Solutions



Time-Attendance



Access Control



Visitor Management



Cafeteria  
Management



Contract Workers  
Management



Roster  
Management



Job Processing  
and Costing



Employee Self  
Service



Vehicle Access  
Management



Field Visit  
Management

# About Matrix

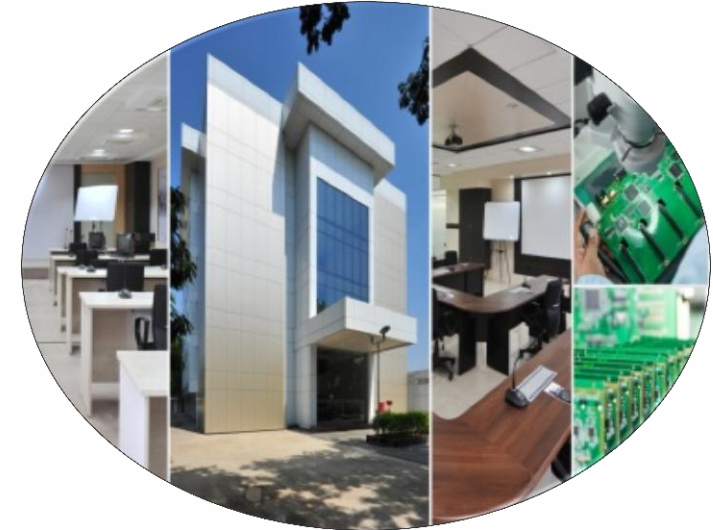


- Established in **1991**
- Products: **60+**  
Telecom and Security Solutions
- Global Presence: **40+ Countries**
- No. of Partners: **500+**
- No of Employees: **400+**
- Awards and Achievements: **25+**  
for Excellence in Product Engineering,  
Design and Innovation

[www.MatrixComSec.com](http://www.MatrixComSec.com)



**CORPORATE OFFICE**



**R&D CENTER**



**MANUFACTURING UNIT**

We put  
**more**  
**in the box**

so your  
business  
can think  
**more**  
**out of**  
**the box.**



Thank You.