



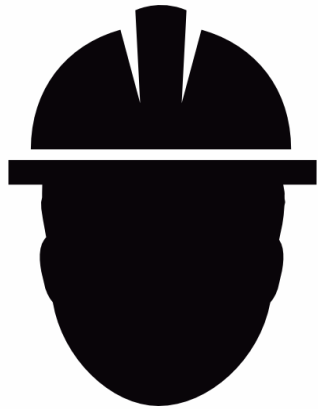
Matrix People Mobility Solution for Manufacturing Unit
Right People in Right Place at Right Time

EXPECT MORE.

MATRIX PEOPLE MOBILITY SOLUTION FOR MANUFACTURING UNIT



Pain Areas



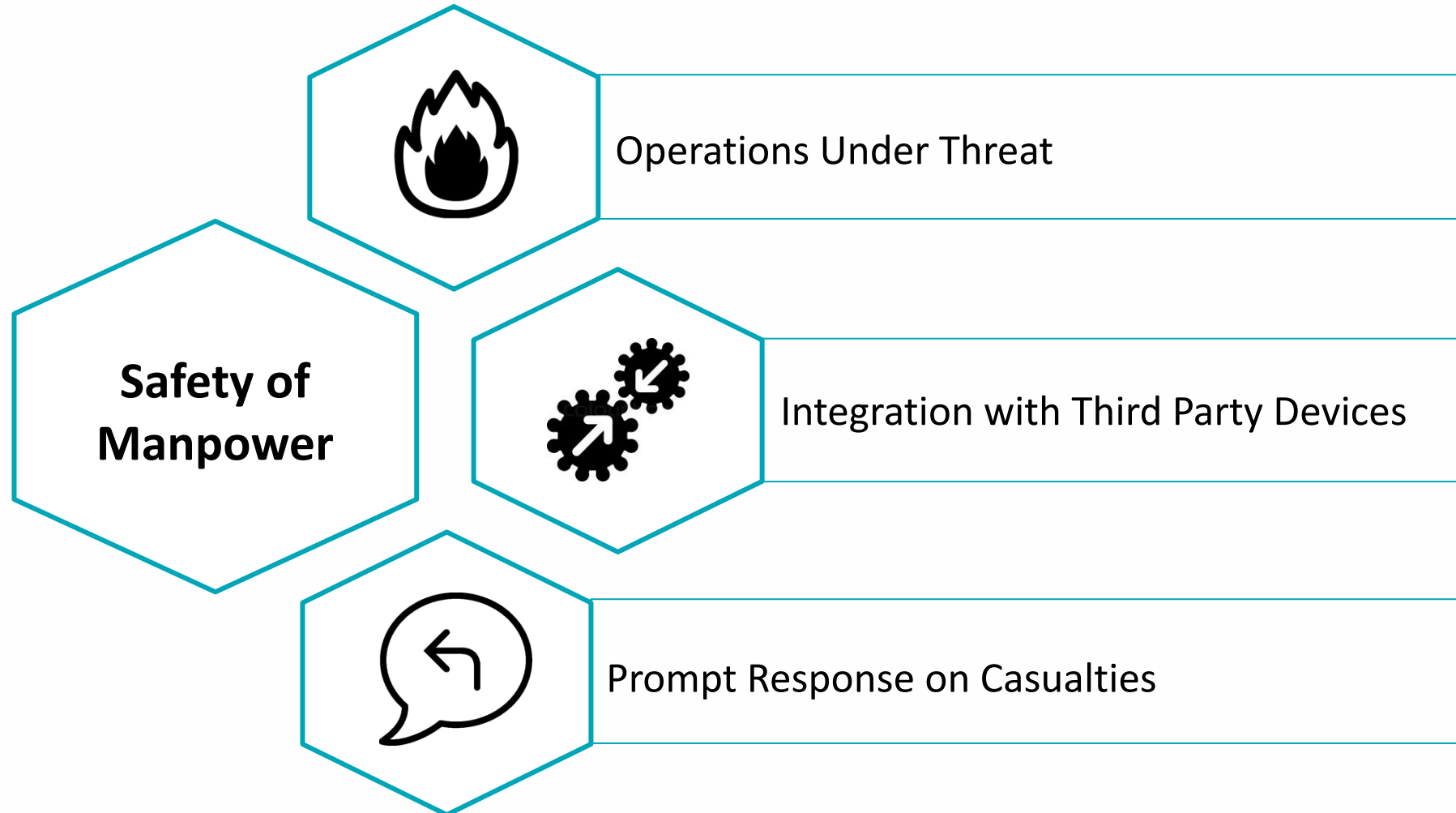
Safety of Manpower

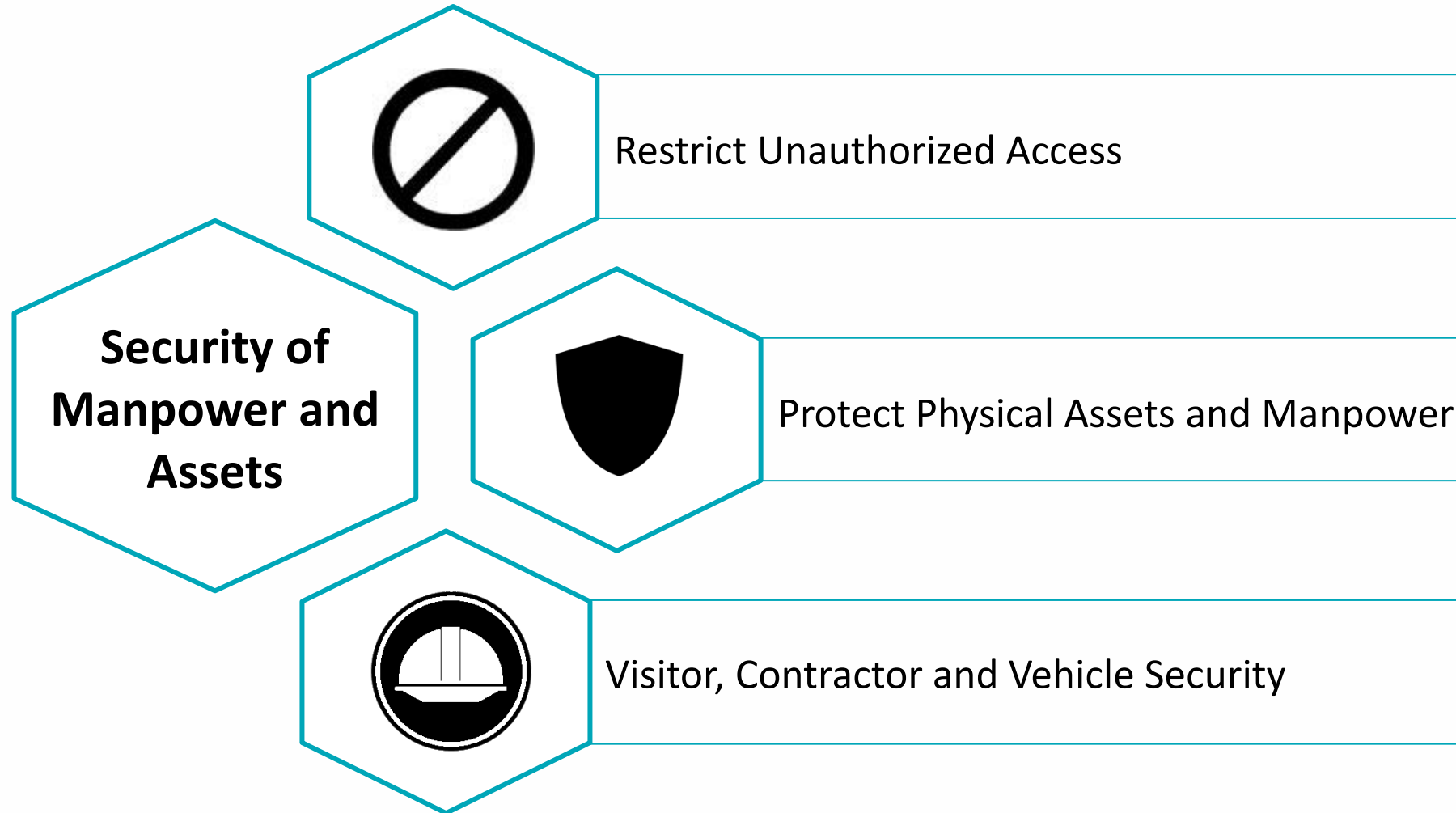


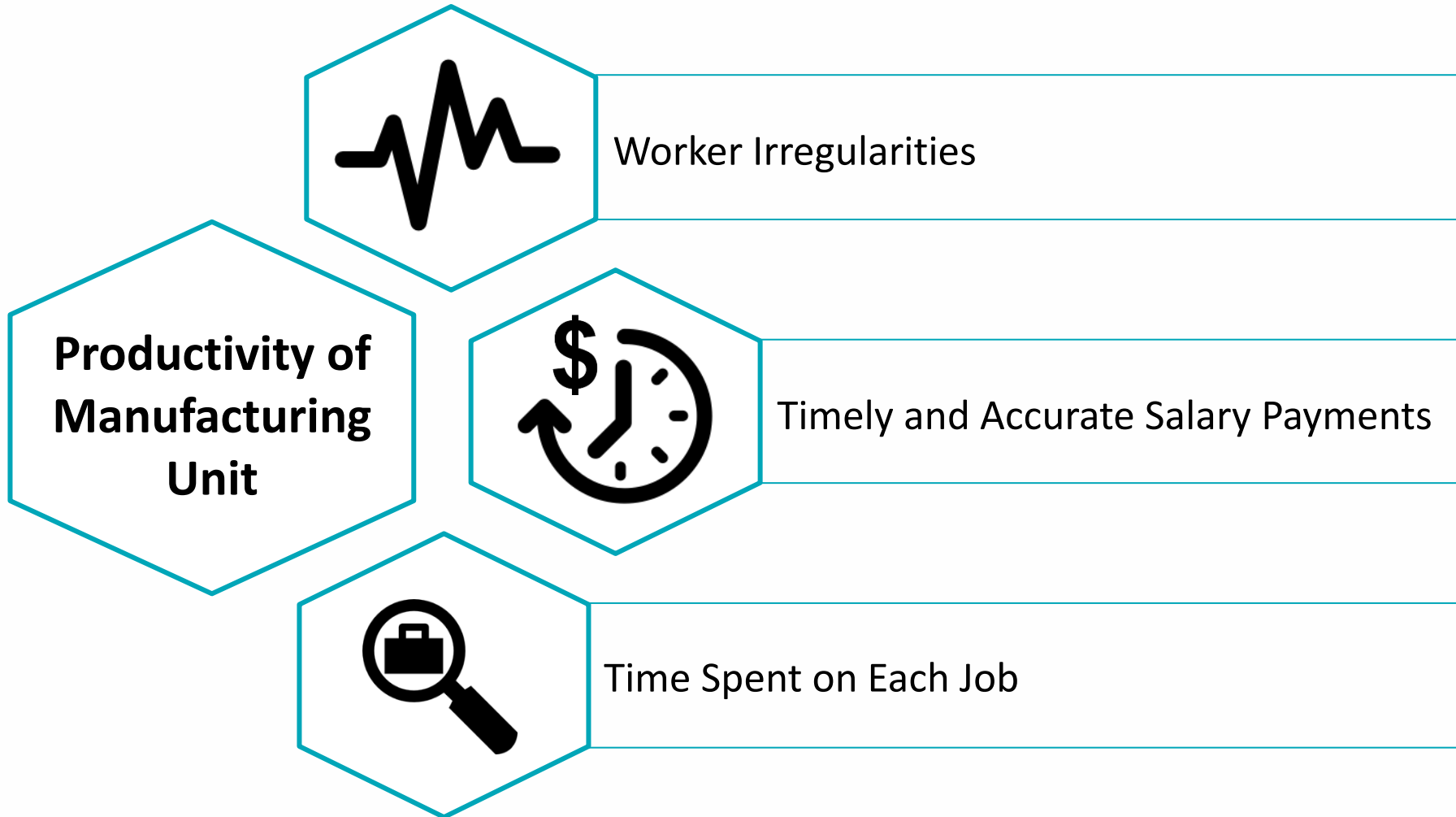
Security of Manpower and
Assets



Productivity of a
Manufacturing Unit





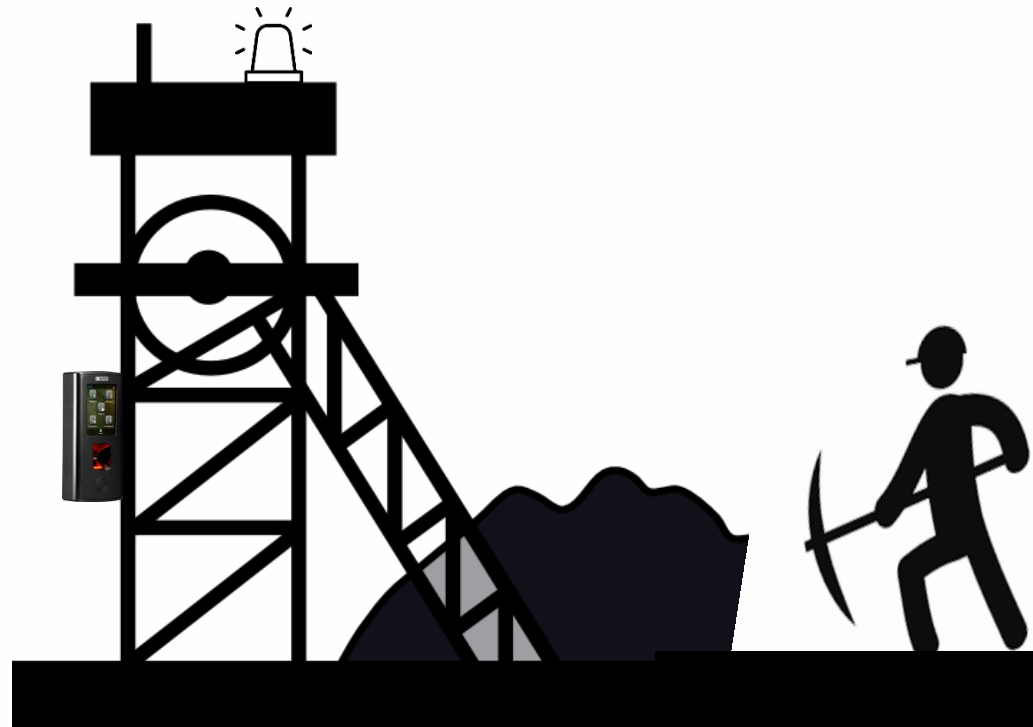


**Safety of
Manpower**



Operations Under Threat

Dead Man Zone: Ensure Safety of Employees at Defined Time

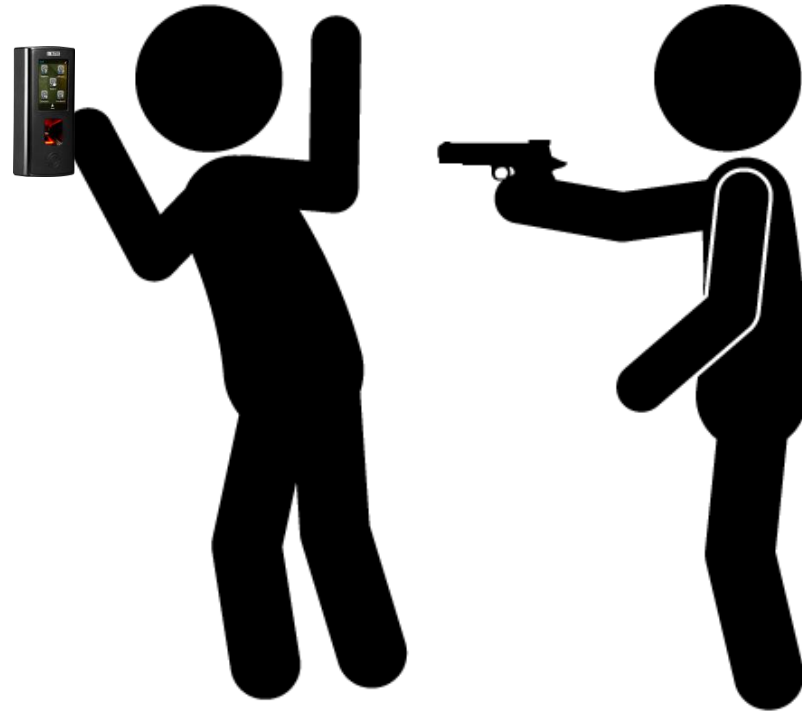


User Shows Credential at Pre-defined Time to Ensure his Presence

Duress Detection

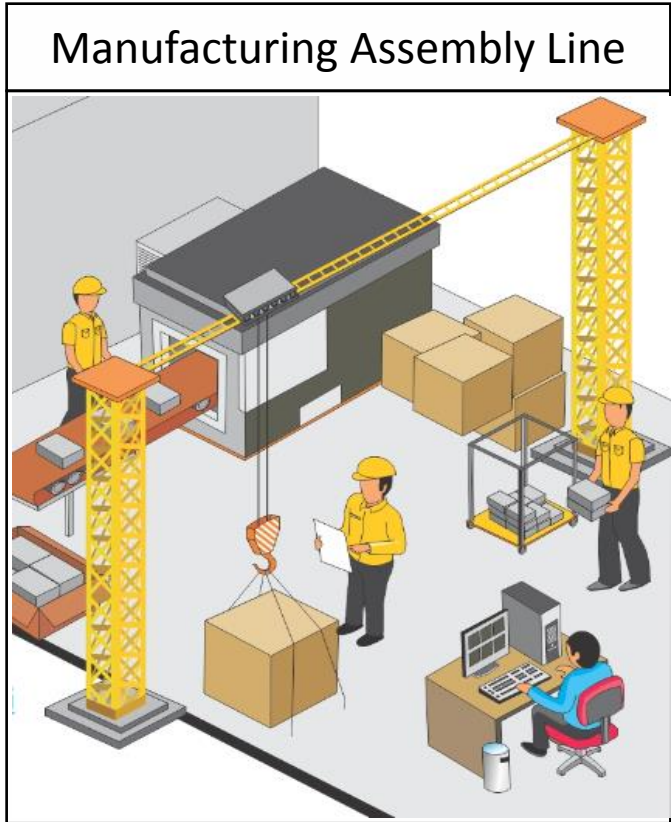


Dials with Access Code Followed by a Secret Code

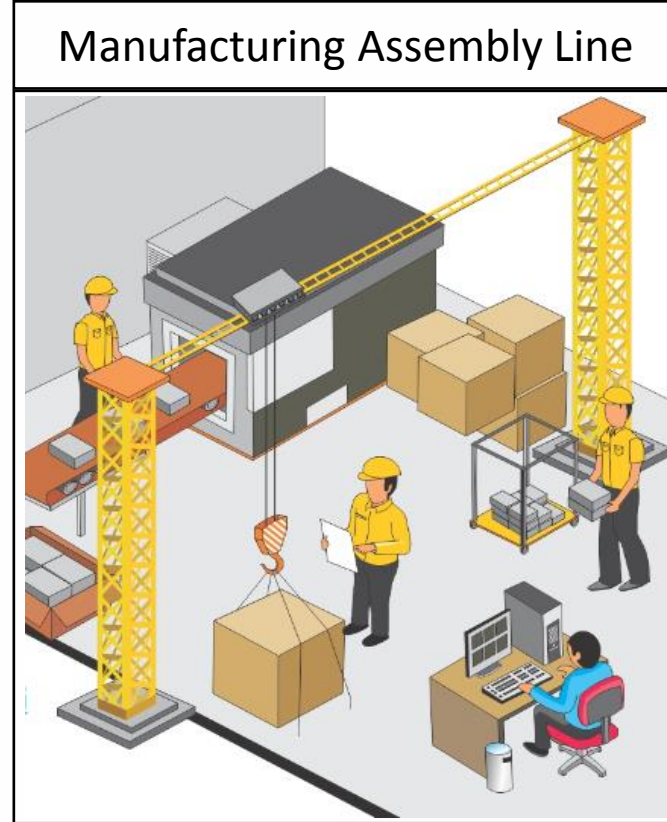


System Opens the Door and at the Same Time Notifies Concerned Person without Giving any Local Alarm

Access Control - User



Assembly Line Engineer

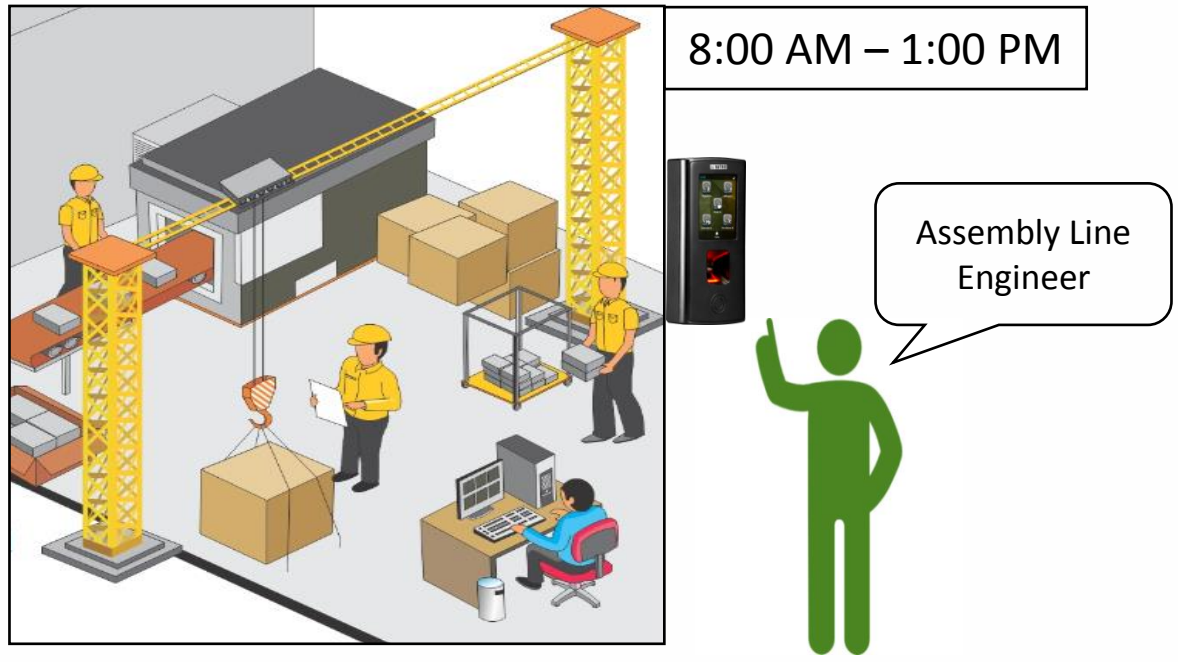


Labour

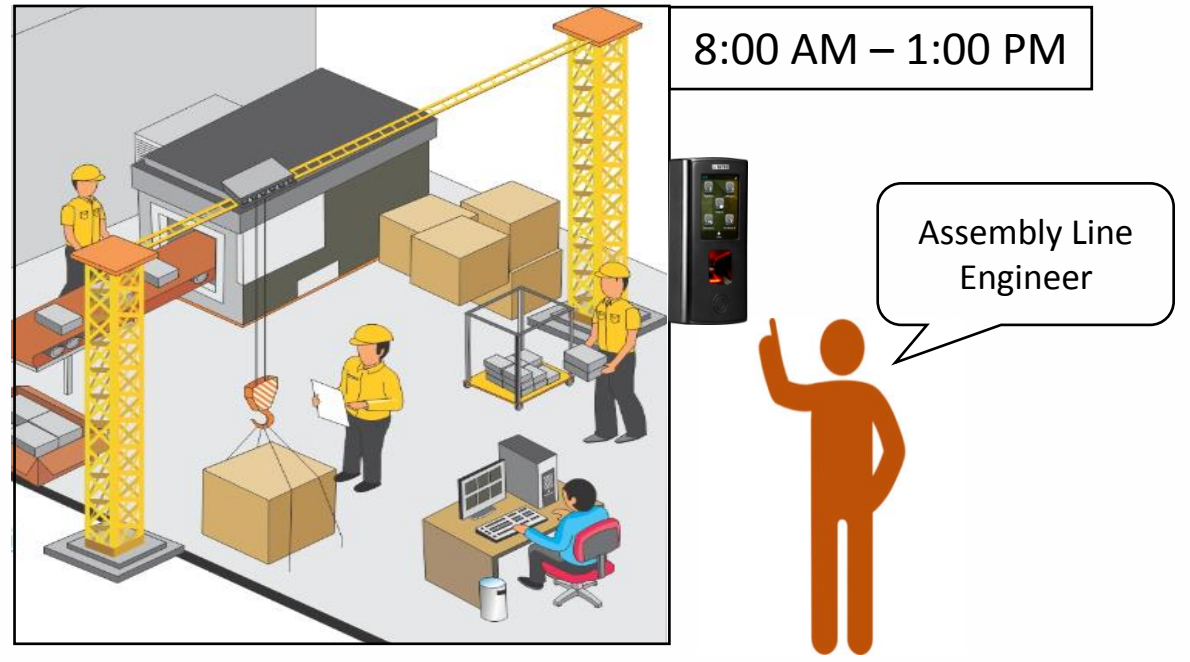


User Access to Limited Areas

Access Control - Time



In Punch: 9:00 AM



In Punch: 2:00 PM

User Access only During Particular Time Period

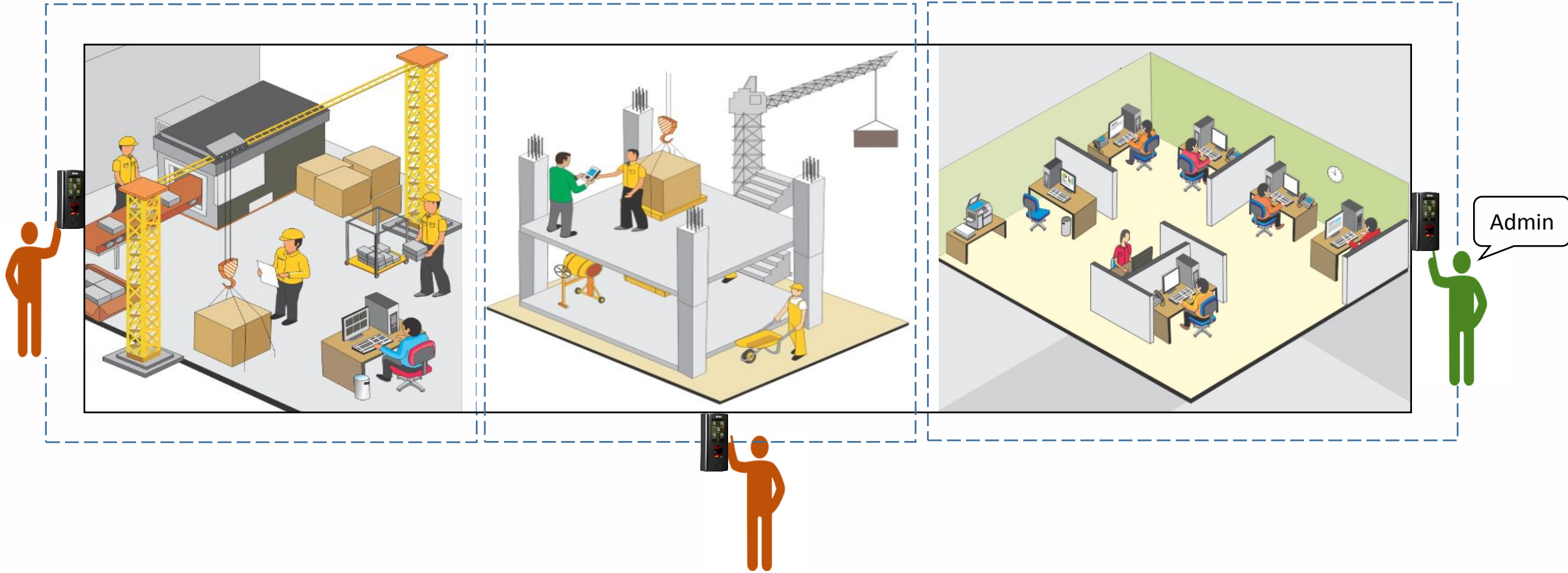
Access Control



Zone 1: Assembly Line

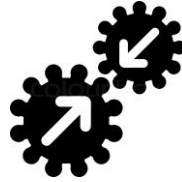
Zone 2: Material Management Line

Zone 3: Administration



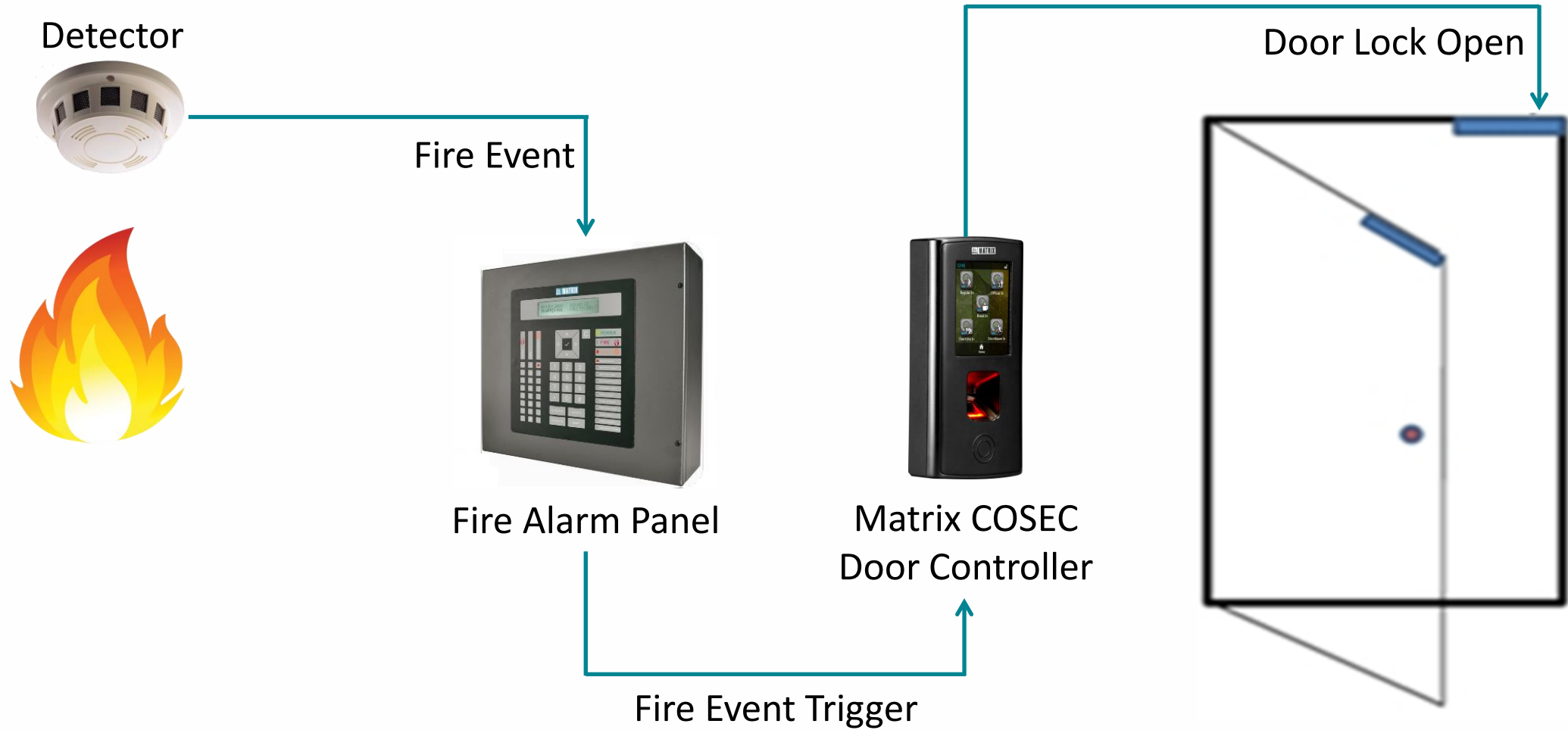
Define Zone for Users

**Safety of
Manpower**

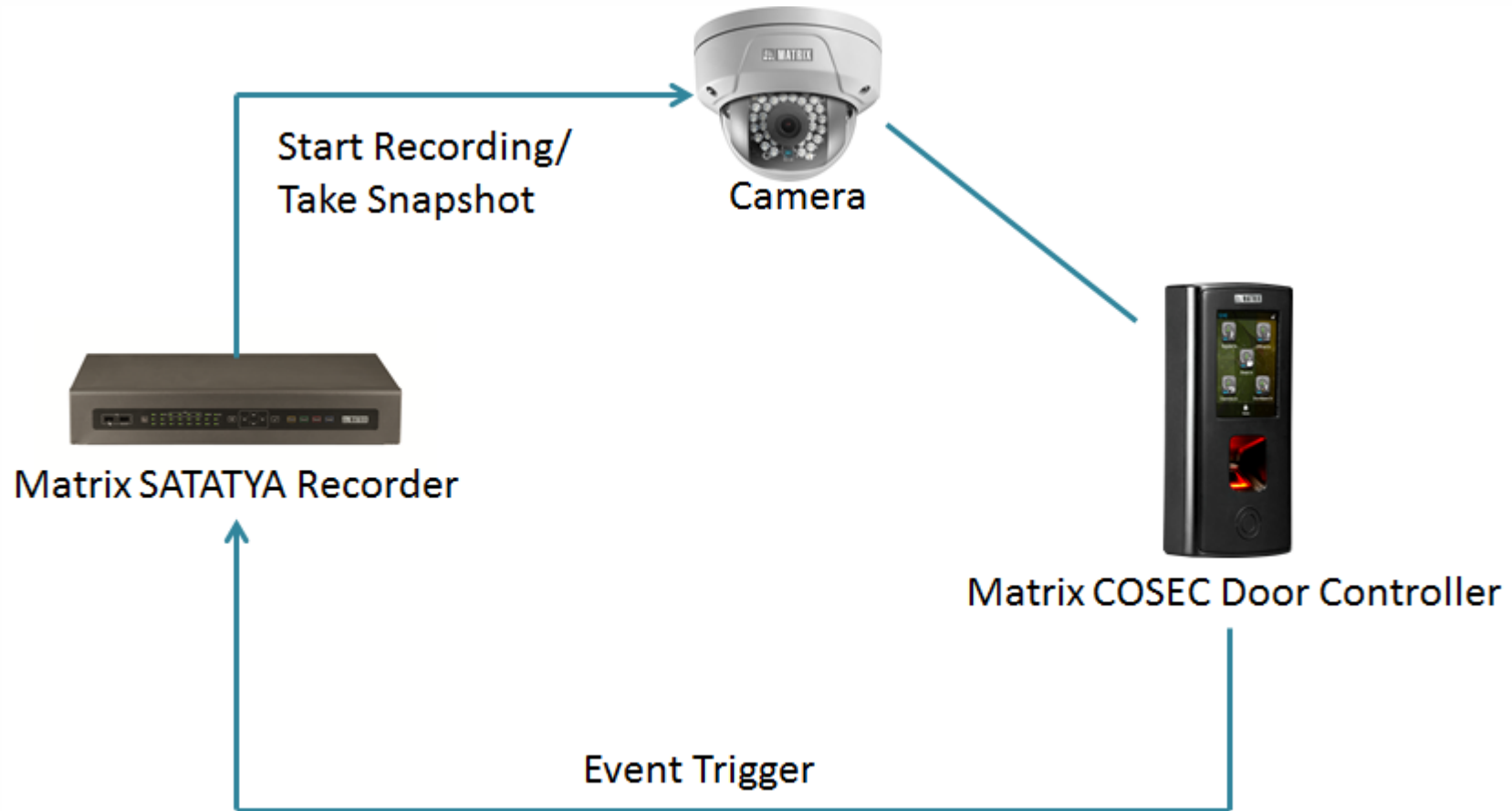


Integration with Third Party Devices

Integration with Fire Alarm



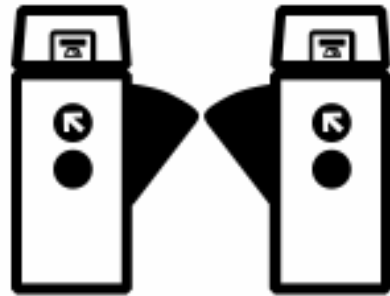
Integration with Video Surveillance



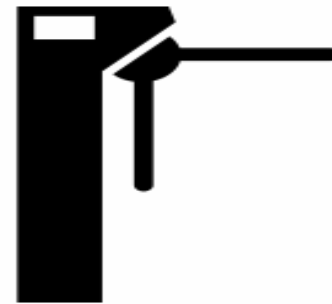
Integration with Hardware



Boom Barrier



Turnstile



Tripod



Electronic Door Lock

I/O Linking: Take Action based on Event Occurrence



Motion Sensor



Siren



Sprinkler

Integrate in Server Rooms, Warehouses to Keep a Safety Check

Integrate with Matrix Door Controller to Notify Employees as Lunch break, Emergency, Casualties, etc.

Integrate with Fire Alarm to Extinguish Fire and Prevent Hazardous Situations

**Safety of
Manpower**



Prompt Response on Casualties

SMS and Email Notifications



Door Kept Open For More than Normal Time



Door Forcefully Opened



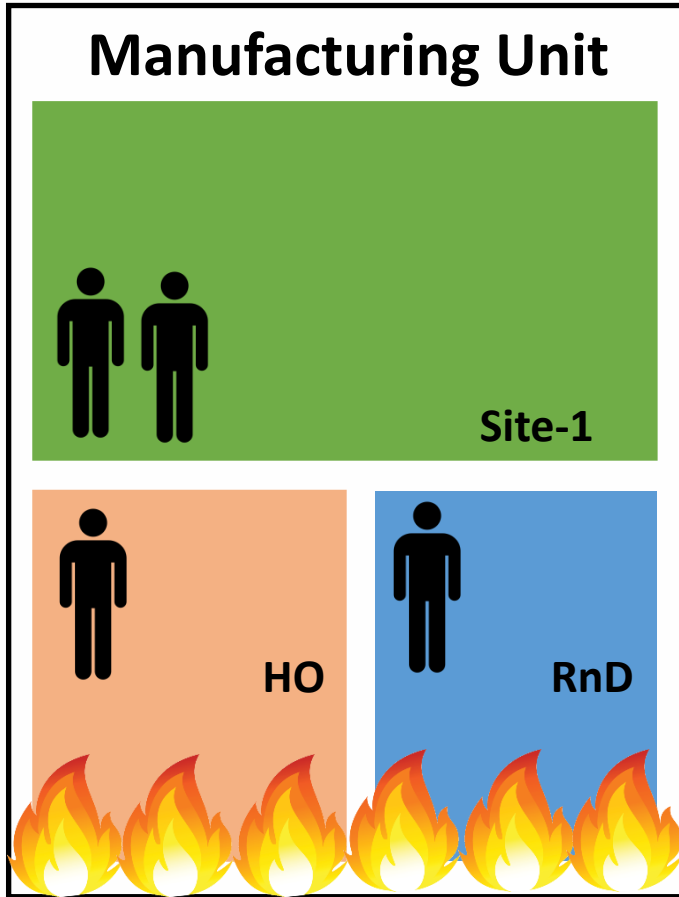
Threats and Casualties



Dead Man Zone Violation

SMS and Email Alerts to Respond Quickly on situations

Get Count of Members Present during Hazardous Situations



ID	Site Name	Who's IN
1	Site-1	2
2	HO	1
3	RnD	1
Total		4



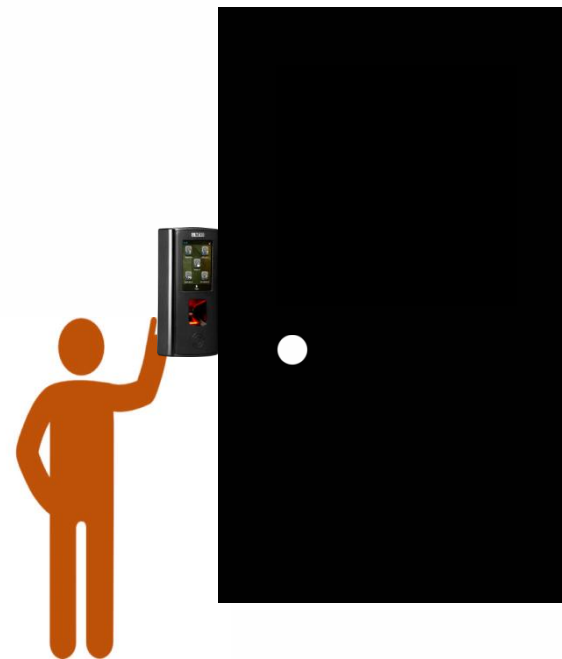
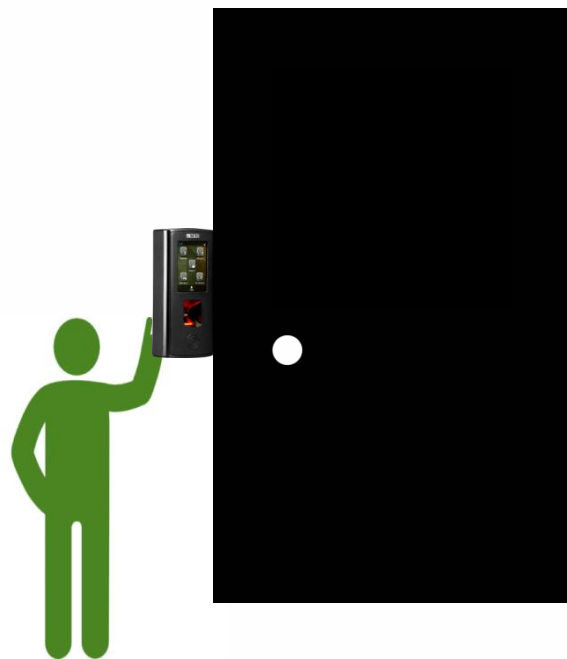
There's a Fire. We need to save **4 Members** who are inside the premises

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

**Security of
manpower
and Assets**



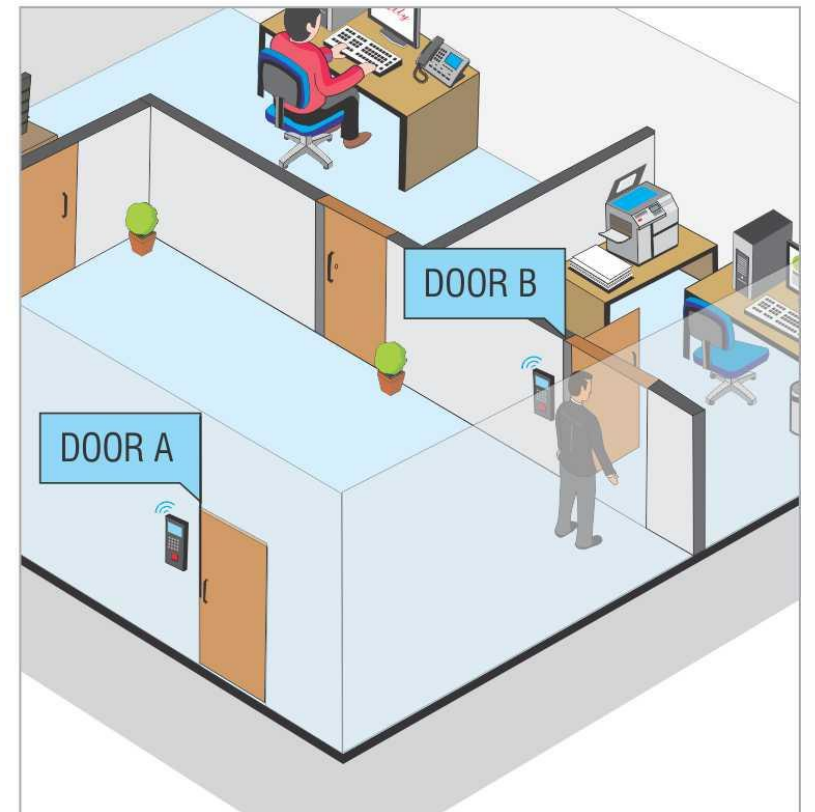
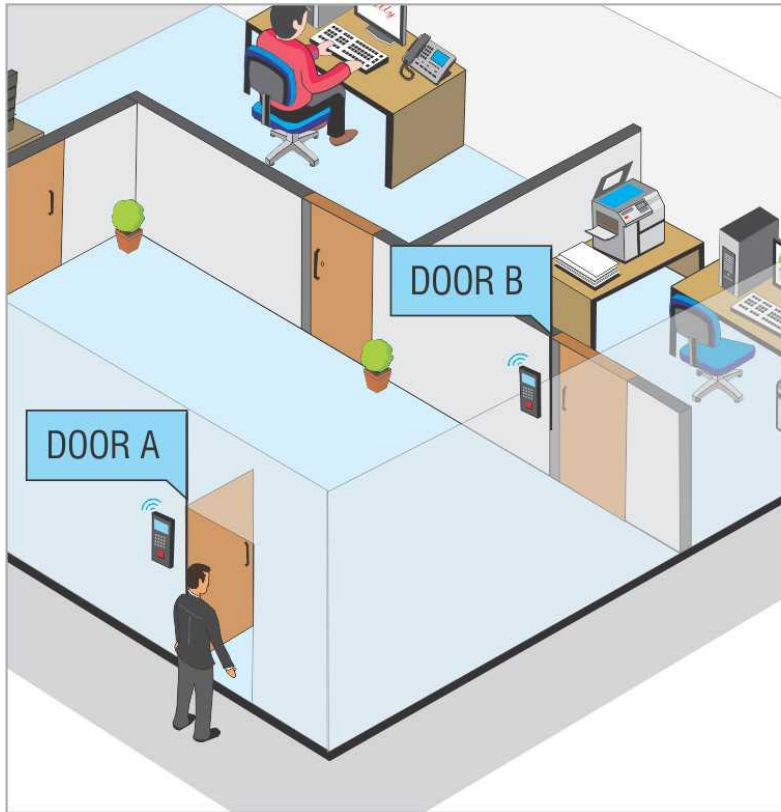
Restrict Unauthorized Access



Restrict Unauthorized Access

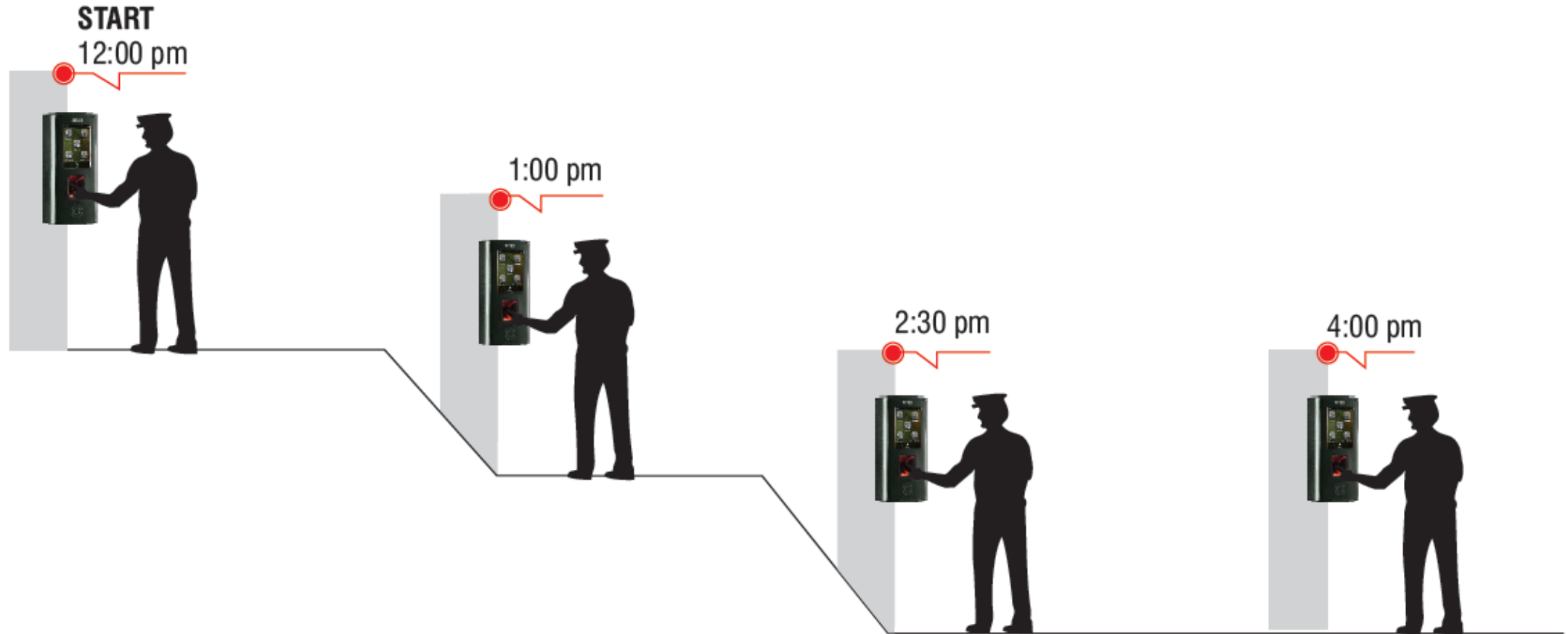
25+
Advanced
Access
Control
Features

Man Trap: Open one Door at a Time



Control Traffic, Intruders and Air

Guard Tour



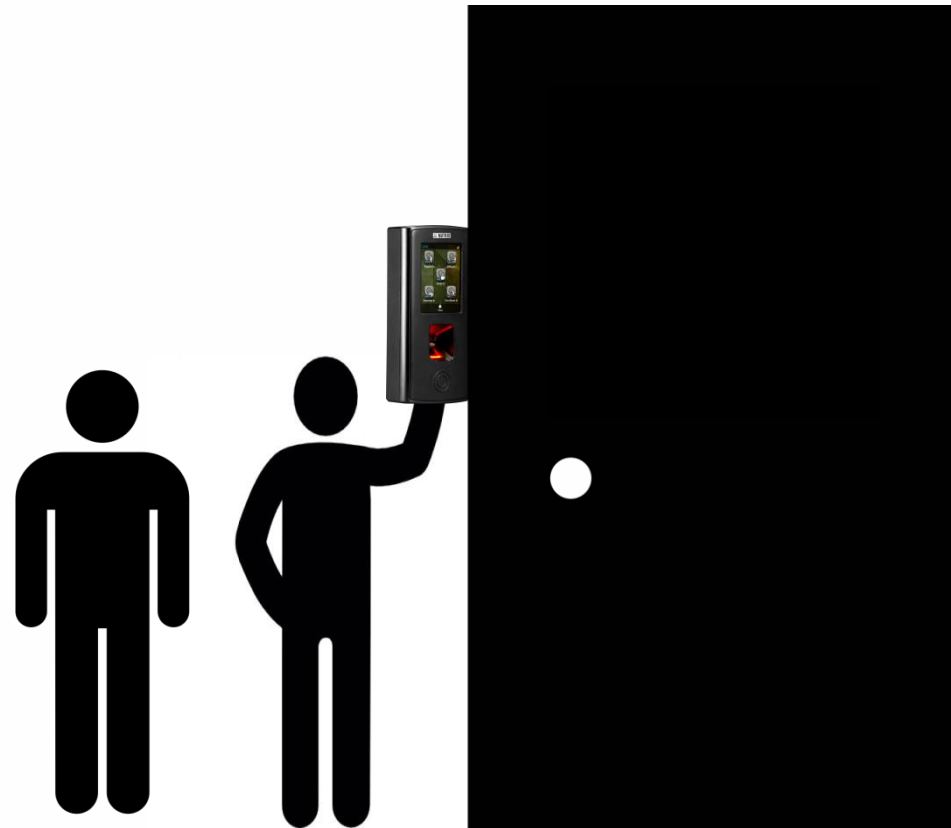
Enforce Vigil Patrol of Security Guards or Such Pre-fixed Movement of Other People

**Security of
Manpower
and Assets**



Protect Physical Assets and Manpower

2 Person Rule: Dual Authentication

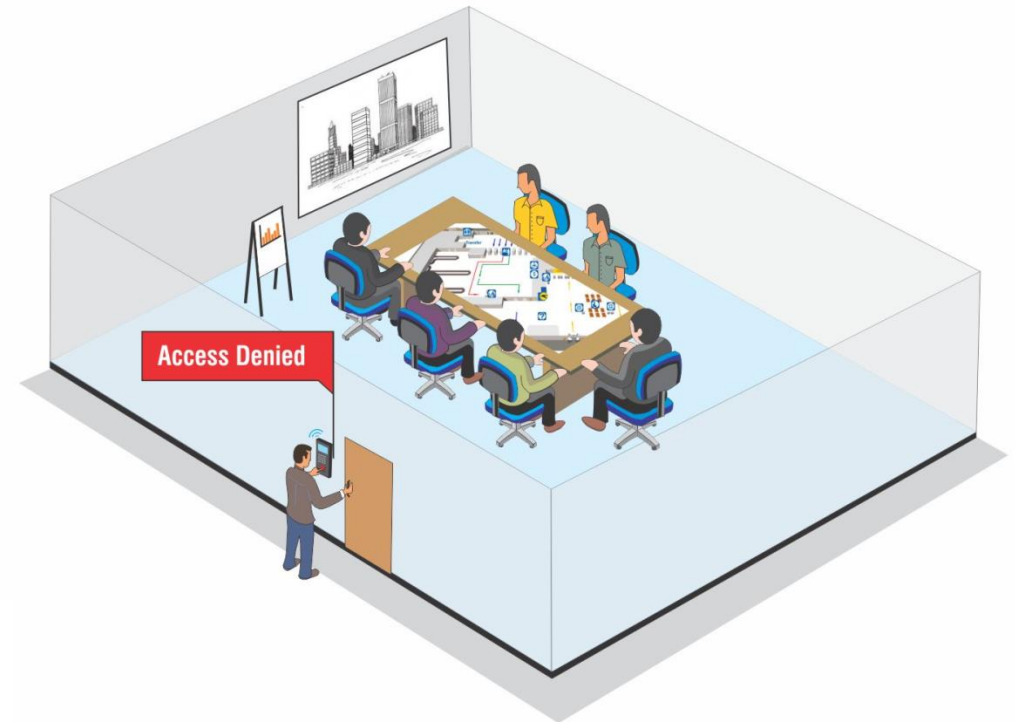
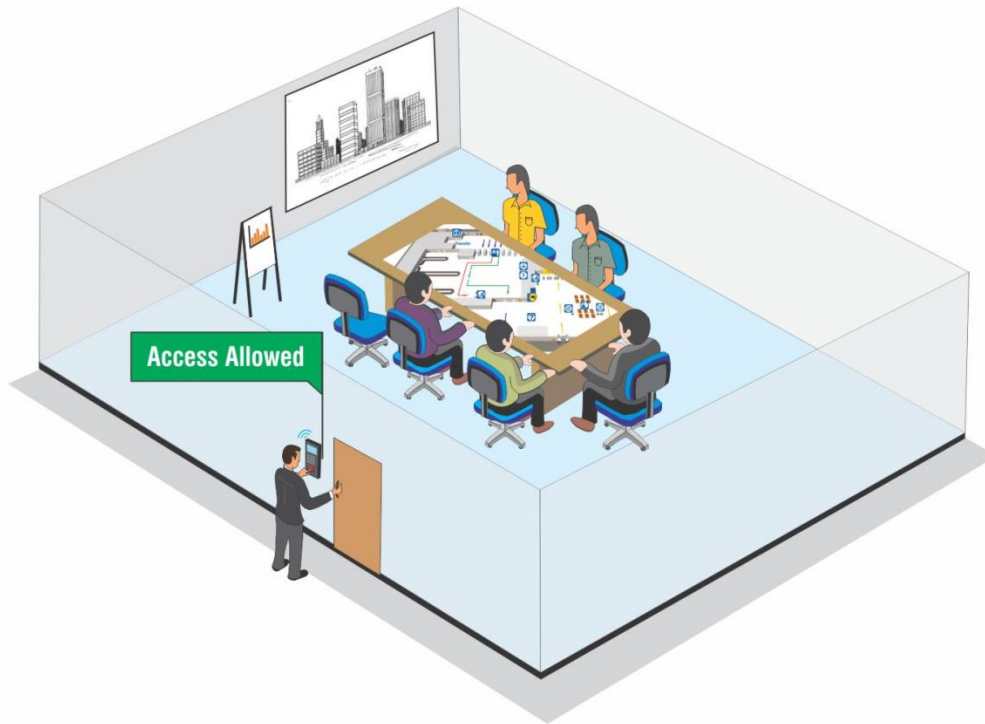


Access Allowed only When Two Authorized Users Punch within a Specified Time to Ensure High Security

Occupancy Control

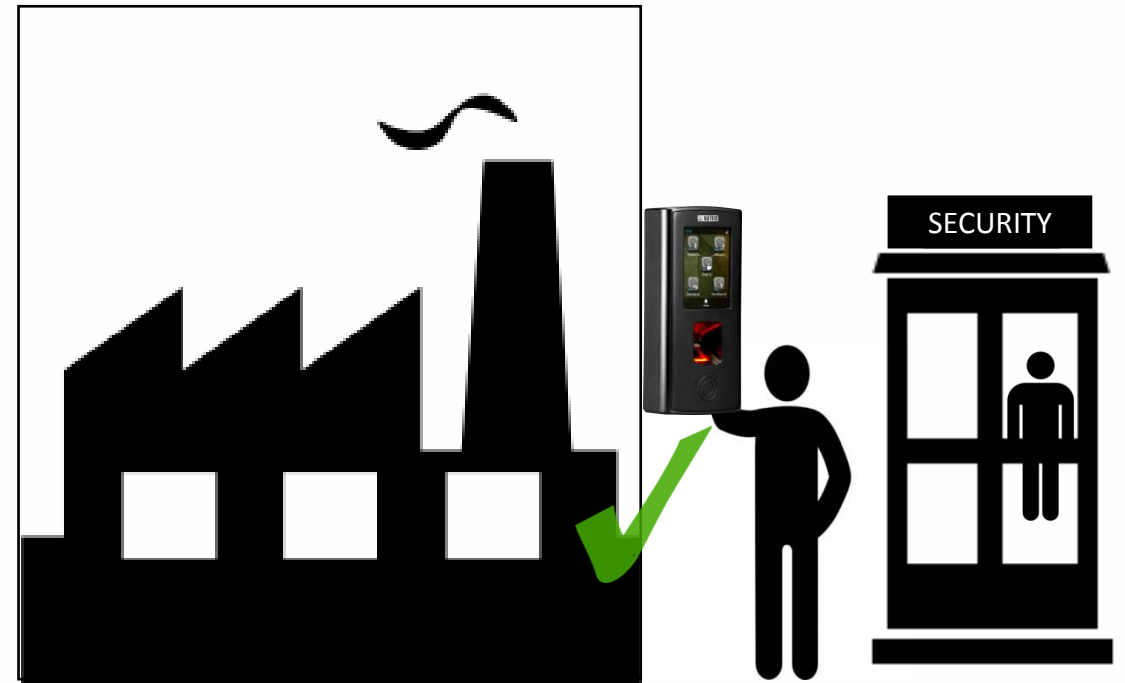
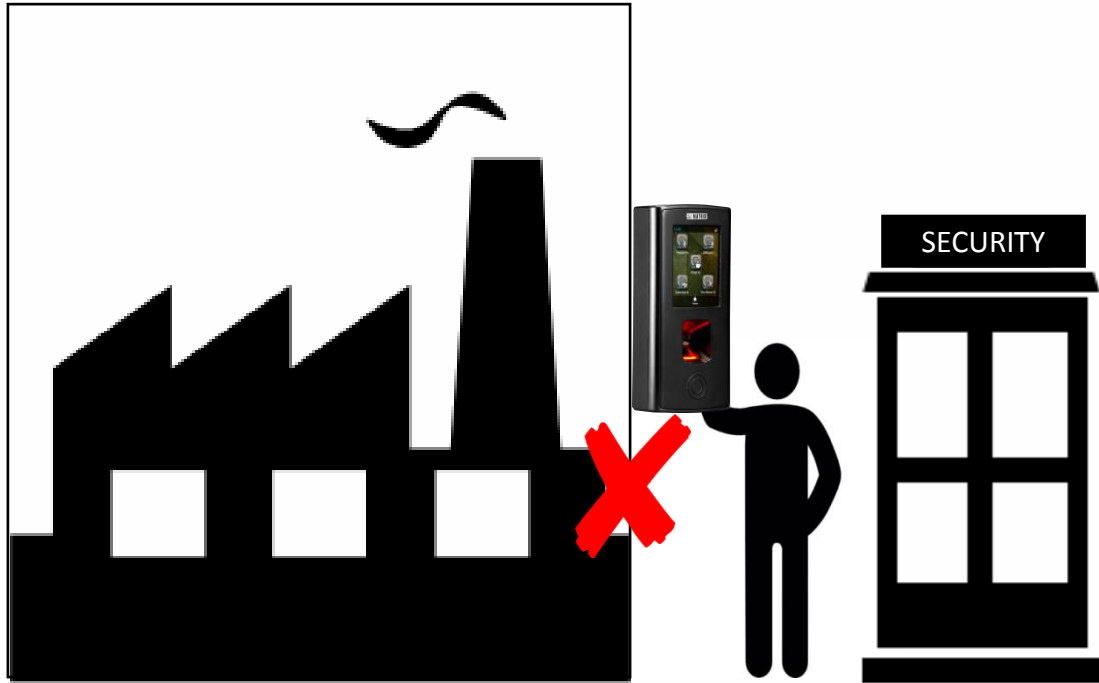


Occupancy: 6



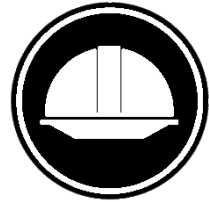
Controls Number of Users in a Particular Area

Relative Occupancy Control



Employee Can Enter the Office, Only if Security Guard is Present in the Cabin

**Security of
Manpower
and Assets**



Visitor, Vehicle and Contractor Security

Visitor Management



Visitor Pre-Registration

Appointment No.

Visit Date

Visit Days

Visitor Arrival Time

Visiting Hours Per Day

Visitor Details

Visitor Name

Organization Name

Mobile No.

Email

Visitor Type

Visit Type

Additional Visitors

Host Details

Host User

Purpose



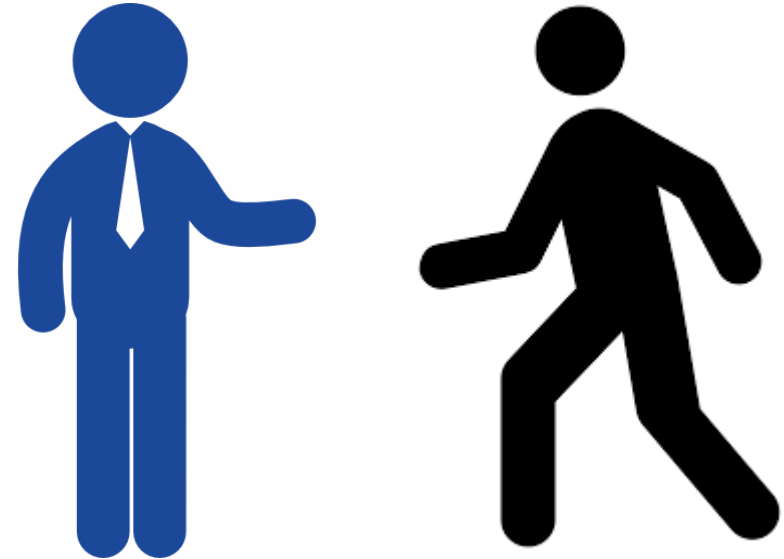
Pre-register/Spot Register a Visitor

From: Ankit Joshi [mailto:Ankit.Joshi@Matrixcomsec.com]
Sent: 06 November 2015 14:28
To: vimal.gami@matrixcomsec.com
Subject: FW: Visitor Arrival



Dear User,

VG has arrived at Default Location, 06/11/2015 13:14

From COSEC Software



SMS/Email Notification on Visitor Arrival

 Matrix Comsec pvt Ltd	
VISITOR	
Pass No	Pass No
Issue Date	Date (Issue Date)
	Name (Visitor)
	Organization
	Mobile Data
	In Time
	Out Time
Valid til	Validity Ends Data
To Meet	To Meet
Host Signature	Issuing Authority
Remark	Remarks



Visitor Pass Creation
and Integrations



Visitor Pass Surrender

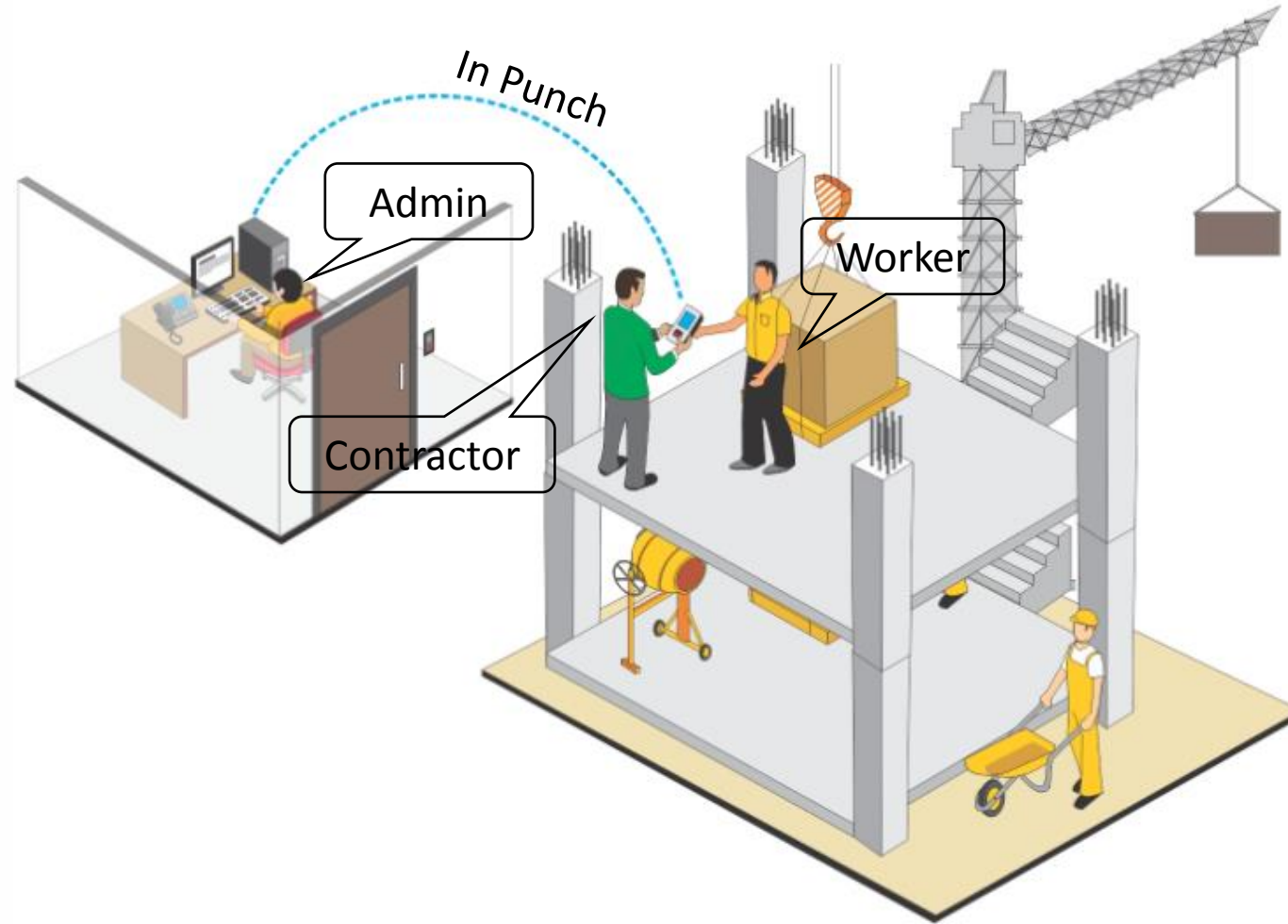
Reports on:

- Visitor Punch Details
- Visitor Access Denied
- Pre-registered Visitors
- Visitor Pass Validity
- Visitor enrolment Status



Reports

Contract Workers Management



Manage Contractor and Worker Profile Effectively



Work Order Creation



Assign to Contactor



Create Workers



Worker Attendance



Worker Hours Data

Allow Managers and Contractors to Improve Labour Productivity

**Productivity of
Manufacturing
Unit**



Worker Irregularities

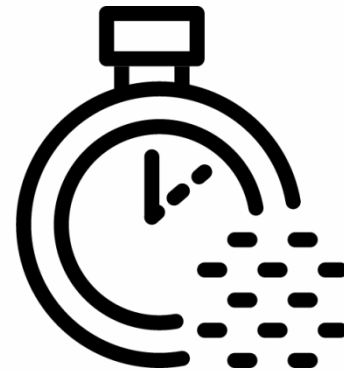
Flexible Attendance Policies



Late IN/OUT



Early IN/OUT



Overtime



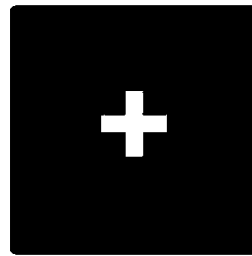
C-OFF Policies



Leave Policies



Tour Policies



Accrual Policies



Leave Application
and Approval



Leave
Encashment

Shift and Schedules



Resolves Date Rollover Issues

FEBRUARY 3, 2016 19:30 HRS.
 USER ID: 10085
 USER NAME: STEVE CLAY
IN Punch

FEBRUARY 4, 2016 4:30 HRS.
 USER ID: 10085
 USER NAME: STEVE CLAY
OUT Punch

ATTENDANCE CONSIDERED
 FEBRUARY 3, 2016

Auto Shift Correction

FEBRUARY 4, 2016 13:00 HRS.
 USER ID: 082
 USER NAME: JAMES SMITH
IN Punch

FEBRUARY 5, 2016 01:00 HRS.
 USER ID: 082
 USER NAME: JAMES SMITH
OUT Punch

Shift	Timing	Over-Time
Morning	06:00 to 14:00	
Afternoon	14:00 to 23:00	00:00 hrs
Night	23:00 to 06:00	

SHIFT CONSIDERED
Afternoon Shift

Manage Continuous Shifts' Attendance

FEBRUARY 4, 2016 06:00 HRS.
 USER ID: 086
 USER NAME: JOHN SMITH
IN Punch

FEBRUARY 4, 2016 23:00 HRS.
 USER ID: 086
 USER NAME: JOHN SMITH
OUT Punch

Shift	Timing	Over-Time
Morning	06:00 to 14:00	08:00 hrs
Afternoon	14:00 to 23:00	
Night	23:00 to 06:00	

SHIFT CONSIDERED
Morning Shift + Over-Time

Up to 999 Shift Schedules with Unlimited Shifts

COSEC Tracker: Live Count of Person Inside the Premises



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

Shift View

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

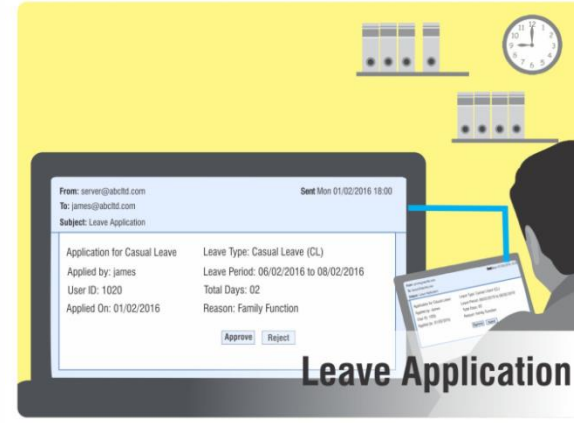
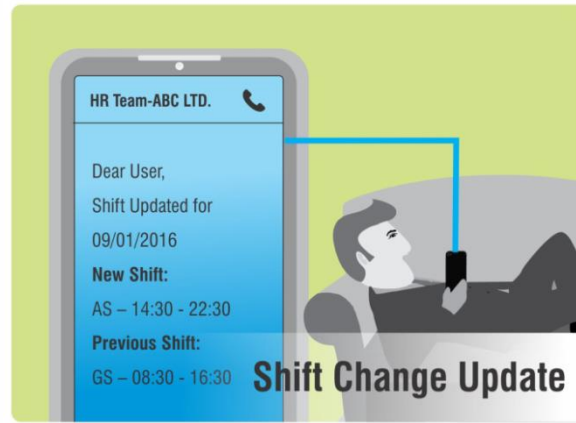
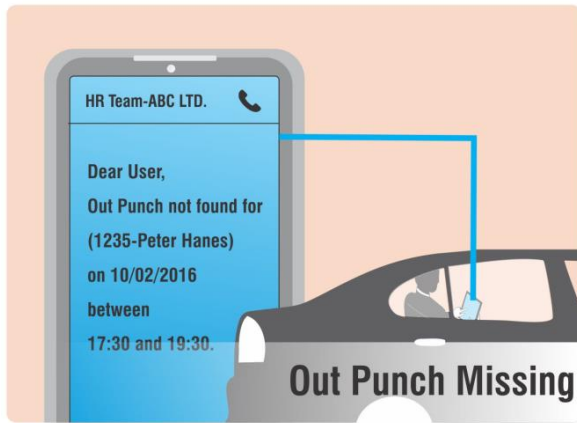
Site View

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

Who's IN View

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

SMS and Email Notifications



SMS and Email Alerts to Respond Quickly on situations

COSEC DOOR FMX



COSEC DOOR FMX



Reads Surface as Well as
Subsurface of Finger

COSEC DOOR PVR



COSEC DOOR PVR with Detachable Hand Guide



Contactless Technology



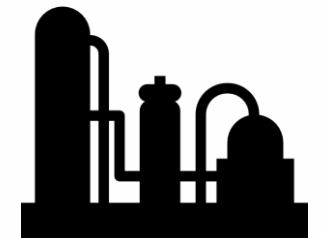
Chemicals



Pharmaceuticals



R&D Labs



Refinery

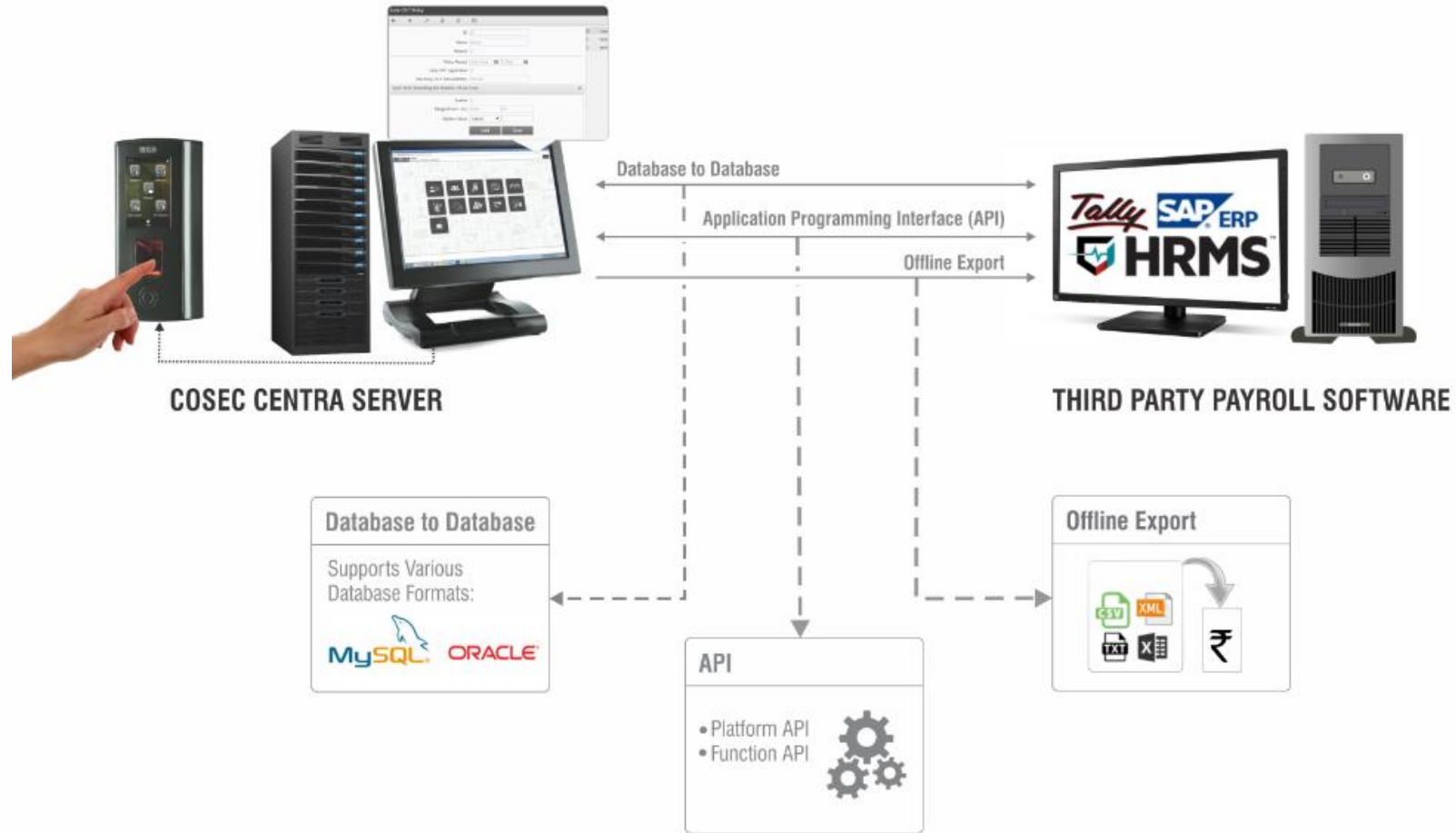
Target Audience

**Productivity of
Manufacturing
Unit**



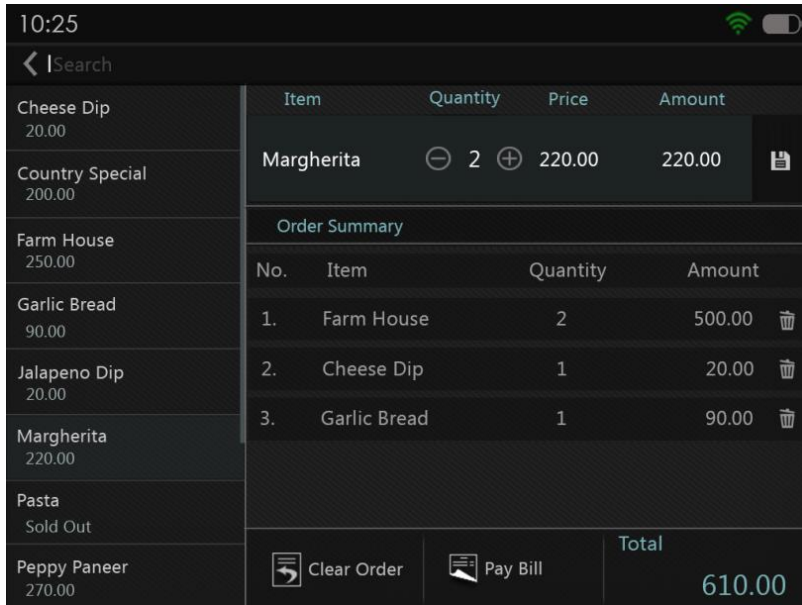
Timely and Accurate Salary Payments

Third Party Payroll Integration

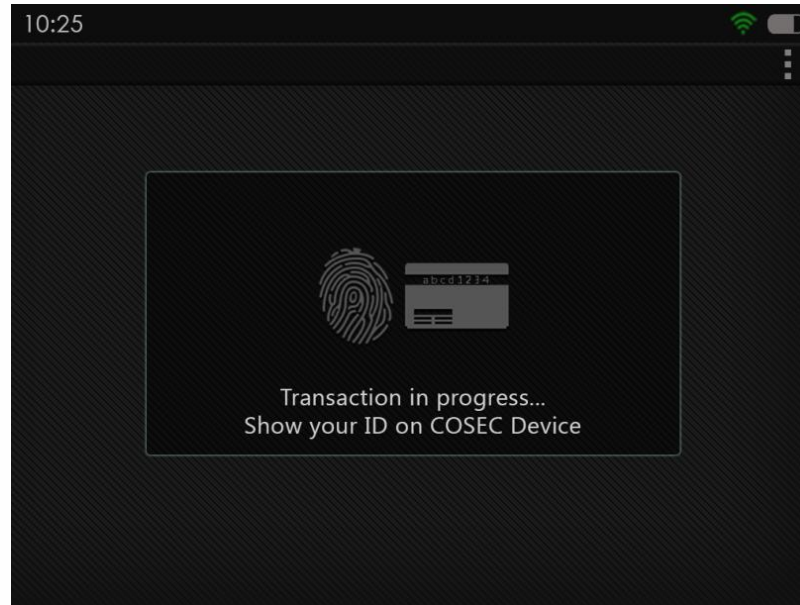


Seamless Payroll Integration for Faster HR Process

Cafeteria Management



Select Item quantity from COSEC Device



Show Credentials on COSEC Device



Directly Print Receipt for Ordered Food

Pre-paid Transactions:

- Smart Card to Store Balance
- Recharge As and When Needed



Post-paid Transactions:

- Through Fingerprint, RFID
- Define Maximum Credit Permitted per User per Month

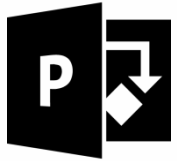


**Productivity of
Manufacturing
Unit**



Time Spent on Each Job

Job Processing and Costing



Project and Phases



Job Group and Job



Job Count



Time based Job Allocation



Site Mapping



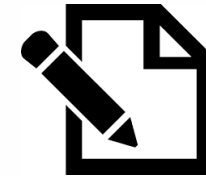
Daily Job View



Job Status



Forecasting

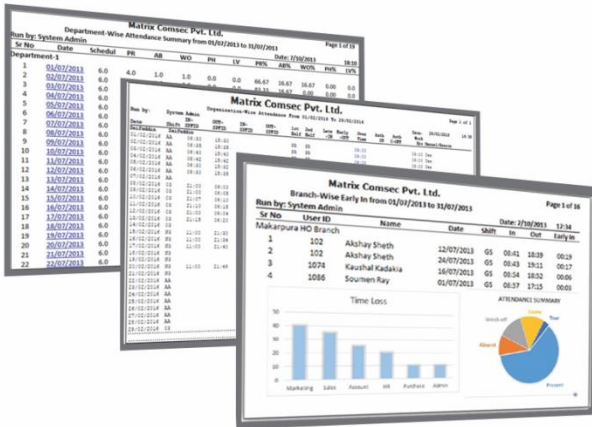


Time-sheet Correction

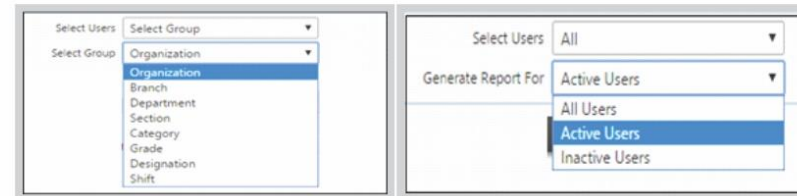
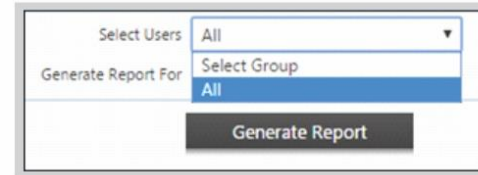


Reports

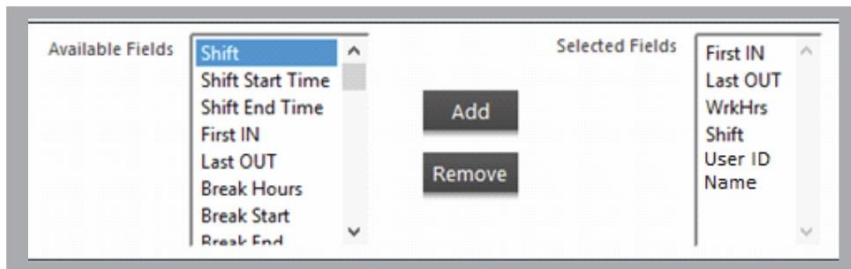
Customized Reports



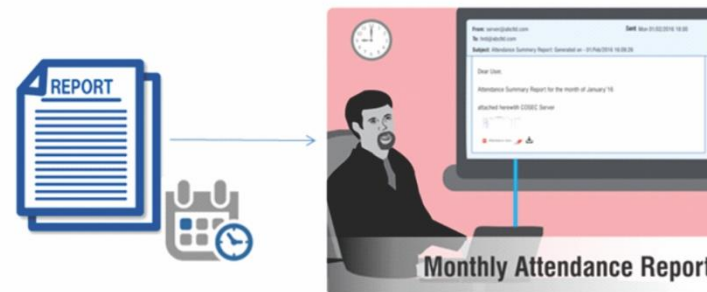
Generate 200+ Reports and Charts



Apply Various Filters to Generate Specific Reports



Generate Customized Report Template



Send Reports on Email at Scheduled Time



File Formats

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: 17000 +
- Users: 85000 +
- Location: 25 + Business Units











Benefits:

- Increase Security of Business by 15%
- Enhance Security 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:

- 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
- Advanced Access Control Features
- Alarm on Access Rule Violation
- Dead Man Alarm for Security Cabin's Access Rule Violation



Company Logo	Company Name	Location	Company Logo	Company Name	Location
	Adani	India		Hero Moto Corp	India
	Coca Cola	India		L&T	India
	Ellams	Africa		Albanna Engineering	UAE
	Khimji Ramdas	Oman		Schneider Electric	India
	Al-Khodari	Saudi Arabia		TATA STEEL	India

Clientele



Company Logo	Company Name	Location	Company Logo	Company Name	Location
	ABB	India		Alkem	India
	Ford Motors	Thailand		Intas	India
	AIA Engineering	India		Kuwait Oil Company	Kuwait
	Gujarat Ambuja Exports Ltd.	India		Maccain Foods	India
	Shakti Pumps	India		Almajdouie	Saudi Arabia

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



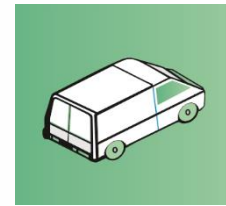
Roster
Management



Job Processing
and Costing



Employee Self-
Service



Vehicle Access
Management



Field Visit
Management

About Matrix



1991

We Established

60+

Products
Telecom & Security

40+

Countries
we Present

500+

Channel Partners

400+

No. of Employees

25+

Awards and
Achievements



R&D Center



Corporate Office



Manufacturing Unit

We put
more
in the box

so your
business
can think
more
out of
the box.



Thank You.