





MATRIX COSEC READER CB

Why COSEC READER CB?

Higher Security



Secure Organization
Entrance



Secure Digital
Records and Data



Secure Access to
Conference Rooms

Higher Security



Prevent Unauthorized
Entry in Sensitive
Areas



Prevent Theft from
Warehouse

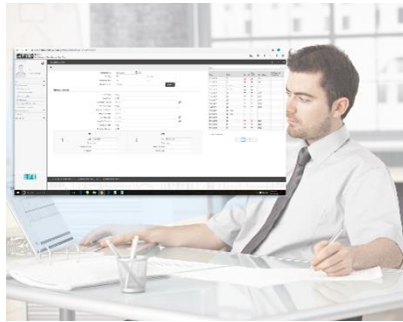


Security of Manpower
and Assets

Higher Productivity



Accurate
Employee In/Out
Records



Real-time
Attendance
Tracking

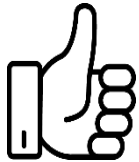


Reduce
Administrative
Tasks



Eliminate
Time Theft

Better Convenience



Easy to Use



Easy to Install



Multiple Card
Types



Compact Design

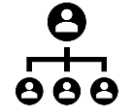
Differentiators



Access Control
Applications



BLE Enabled



Works with Matrix
and Third-Party
Controllers

Key Features

Multiple Credentials

- Bluetooth based Credentials
 - Your Mobile is Your Identity
- Multiple RFID Card Support



Encrypted Communication



SSL Enabled



Highly Reliable



Innovative Design

- Compact and Elegant Design
- Direct Connectors on Device
- Reduce Installation Time
- Neat and Clean Installation



Multiple Interfaces



RS-485



RS-232

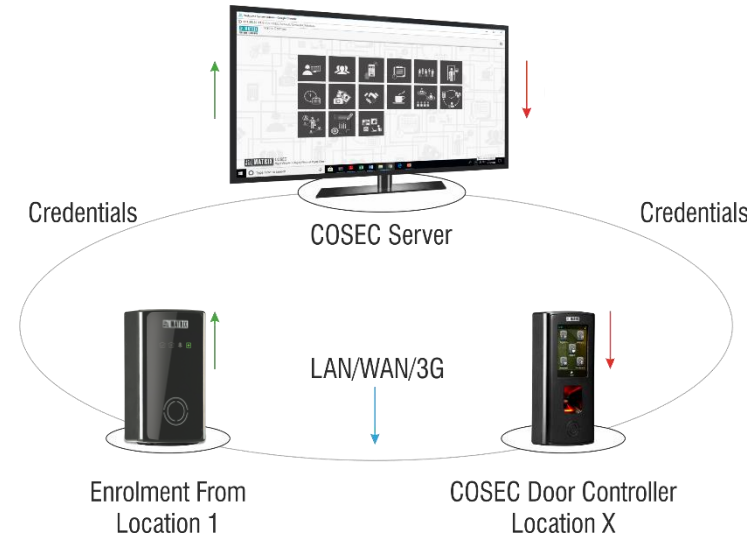


Wiegand



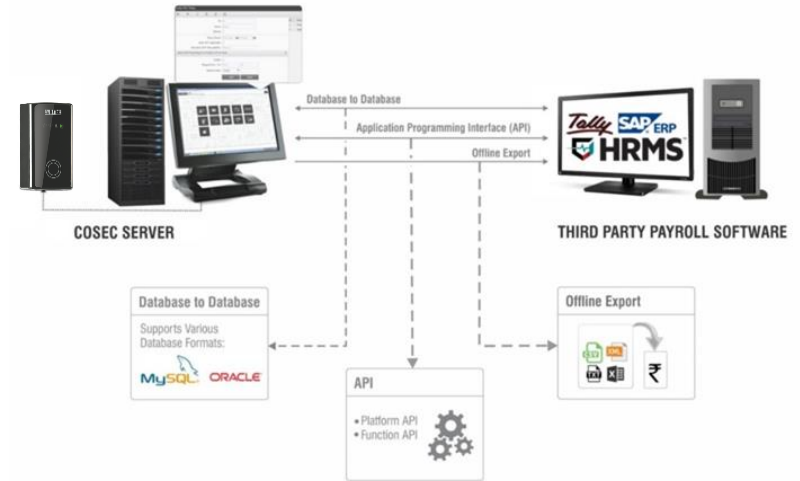
Auto Push Event Data

- Auto Push Data Transfer to Server
- Data Transfer from Device to Server in <1 Sec
- No Manual Download from Device



Device Ready API

- Integration with Third Party Software through API
- Device Configuration, User Configuration, Enrolment & more
- No Matrix COSEC Software Required



Technical Specifications

GENERAL	
Type	A slave reader which can work with COSEC DOOR Controllers and 3rd party Wiegand interface Access Control Panel
Credential Support	Card and Mobile Credential over BLE
CAPACITY	
Maximum Users	Depends on Master Device
Card Storage Capacity	Depends on Master Device
CARD READER	
Type of Card Support	MIFARE Classic [®] Smart, HID iCLASS, EM Prox, HID Prox, (CPM module Required; Supports DOOR CPM module) <small>*MIFARE[®] and MIFARE Classic[®] are trademarks of NXP B.V.</small>
Card Read Range	Up to 5 cm from Device Surface

Technical Specifications

INTERFACE	
Tamper Detection	Yes
AUDIO VISUALS	
LED	4 Single Color LEDs LED 1 - ALLOWED, LED 2 - DENIED, LED 3 - STATUS *, LED 4 - ALARM * * Not used in Wiegand Communication
Buzzer	Yes
COMMUNICATION	
Built in Bluetooth	Yes (BLE 4.0 and above) Bluetooth Functionality will Work with COSEC APTA Application.
Reader Interface	RS-232, RS-485 and Wiegand

Technical Specifications

Interface Support Length	RS232 (3 meter), RS485 (1200 meter), Wiegand (150 meter)
POWER	
Input Power	5-16 VDC@ max 150MA
ENVIRONMENTAL	
Operating Temperatures	0 °C to +50 °C (32°F to 122°F)
Humidity Range	10% to 95% RH Non-Condensing
CERTIFICATION	
Certification	CE, RoHS, BIS and FCC Part 15

Certifications



Who Are We

1 Million+
Customers

2,500+
Partners

60+
Products

50+
Countries

A blue rounded rectangular button with the text "Stay Tuned & Subscribe" in white, centered within the button. The button is suspended by two thin black lines that meet at a single black dot above it.

Stay Tuned & Subscribe



@Matrix Comsec



MatrixComSec



@Matrix_Comsec



@MatrixComSec

www.MatrixAccessControl.com

THANK YOU!



www.MatrixComSec.com