

# Matrix AADHAAR Enabled Biometric Attendance Solution



# Current Problems with Attendance System

Attendance of Govt Employees is Marked Using Multiple Ways which are Inefficient



Irregularity of an Official - Delay in Work



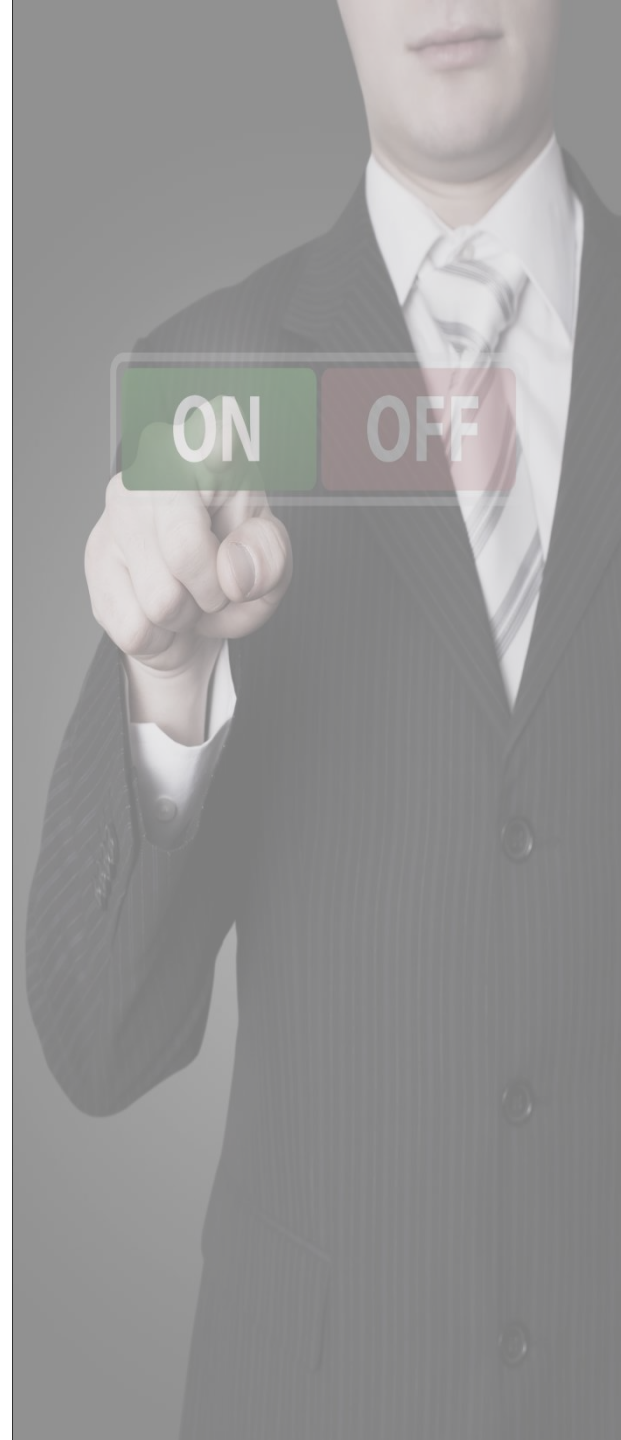
Manual Register – Inefficient



Scattered Devices - Difficult to Manage



Card based System – Easily Misused



# Cloud based Attendance System

Govt Decided to Go with Robust and Centralized Attendance Management System

## Benefits:



Easy to Access



Less Cost



More Control



Easy to Scale



Automated



Uniformity in  
Architecture



No Hardware  
Dependency



Fast

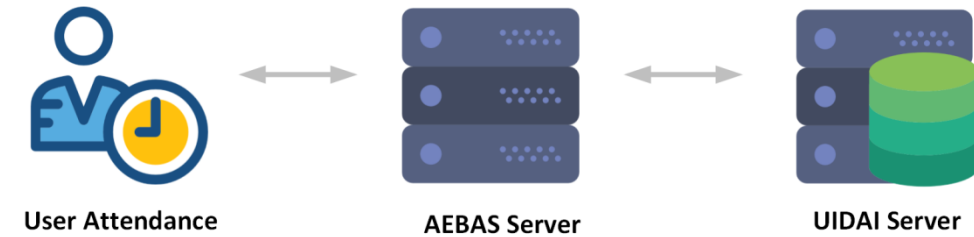


# How?

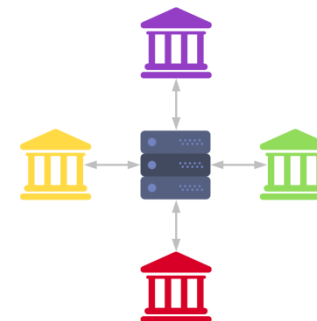
Attendance Using Unique User's AADHAAR Number and Biometric Credential



Employee Attendance on AEBAS Server Linked with UIDAI Server (AADHAAR)



Govt Organizations have to Register with AEBAS Server at Government Attendance Portal – [www.attendance.gov.in](http://www.attendance.gov.in)



# About AEBAS

AADHAAR Enabled Biometric Attendance System

Under Digital India Initiative

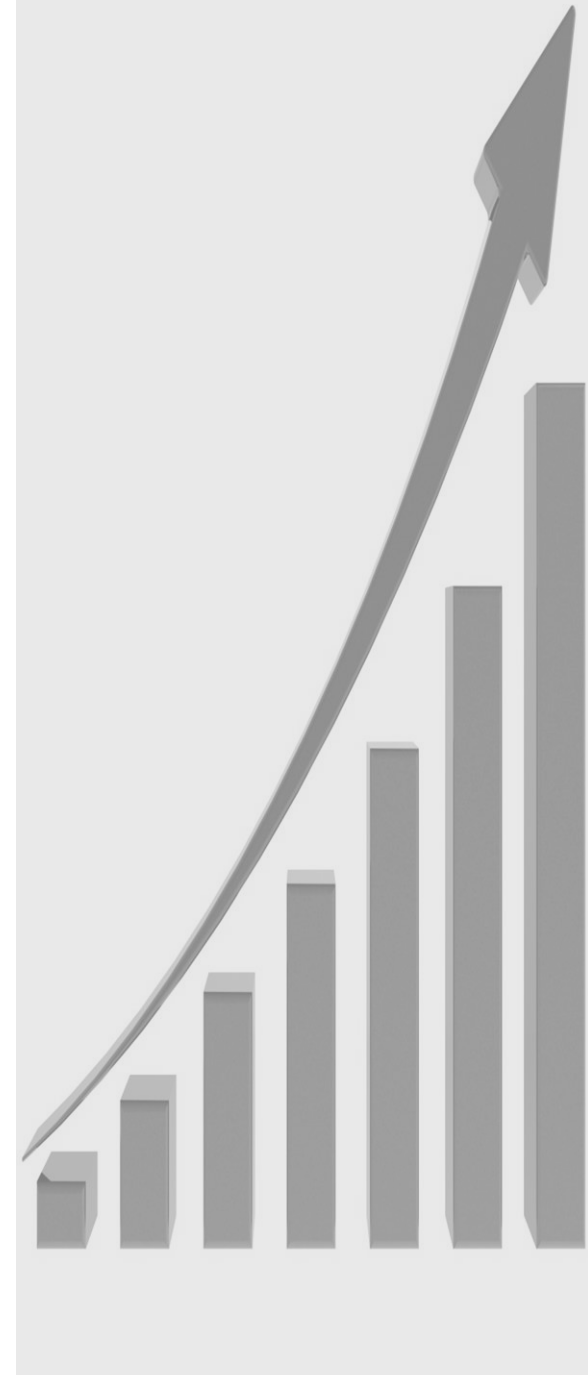
To Improve Productivity and Efficiency

For Central and State Govt. Offices, Govt. Bodies, PSU



# Market Opportunity

₹ 250+  
Crore  
Business



# Journey So Far...

Till Date only 10% Govt. Organizations Started Marking Attendance on AEBAS



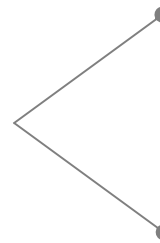
**11,261**  
Registered  
Organizations



**27.61 Lakhs**  
Registered  
Users



**63,957**  
Devices



**29,083**  
Tablet based



**34,874**  
Desktop based



# Problems with Existing Devices

Tablet based Devices are not Designed for Attendance Application

## Problems:



<2 Years Life



Not Convenient



Long Authentication  
Time



**Now, Introducing...**



First Linux based Embedded  
Biometric AADHAAR Enabled Device





# COSEC VEGA FAXQ

Purposely Designed for Attendance  
Marking Application

# Compatible Devices for AEBAS

The screenshot shows a web browser window with the URL [https://attendance.gov.in/faq/compatible\\_devices](https://attendance.gov.in/faq/compatible_devices). The browser's address bar shows a secure connection. The website's header includes the logo for Attendance.gov.in, a language dropdown menu set to English, and a breadcrumb trail: Home > FAQ.

The main content area is titled "Compatible Devices on Biometric Attendance System (BAS)". It contains the following text: "The Biometric Attendance System Client application currently supports the following biometric devices. Support for other devices are being added and will be updated in the website download section."

The devices are categorized into three sections:

- AEBAS DESKTOP DEVICES**
  - ACCESS COMPUTECH PVT LTD  
Model - Startek FM220 - ACPL
  - SECUGEN CORPORATION  
Model - HAMSTER PRO 20
  - SMART CHIP PRIVATE LIMITED  
Model - Morpho/M50 1300E2
  - MANTRA SOFTECH INDIA PVT LTD  
Model - MFS100
  - PRECISION BIOMETRIC INDIA PVT LTD  
Model - PB ABAS 300
- AEBAS WALL MOUNT (Wifi) DEVICES**
  - EMBEDDED LINUX DEVICE
  - MATRIX COMSEC PVT LTD  
Model - COSEC VEGA (optional - LAN, POE, RFID CARD, IP65)
- ANDROID TABLET DEVICES**
  - FORTUNA TABLET

# Benefits



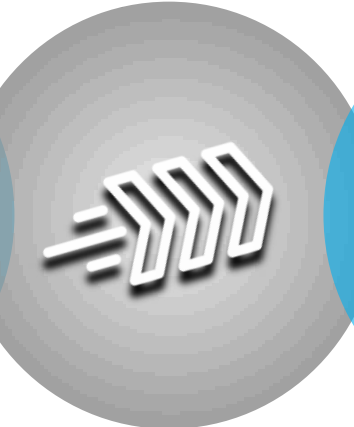
## Reliability

Integrated Device  
Designed for  
Attendance  
Application



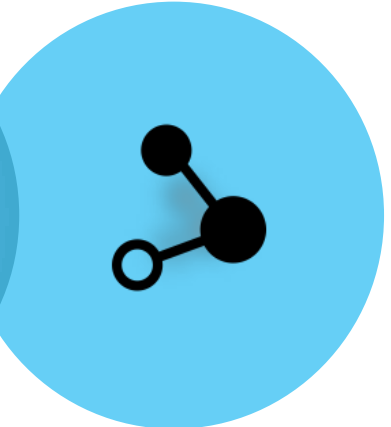
## Convenience

Reads AADHAAR  
Number from the  
Smart Card



## Speed

Identification  
in <1.5 S

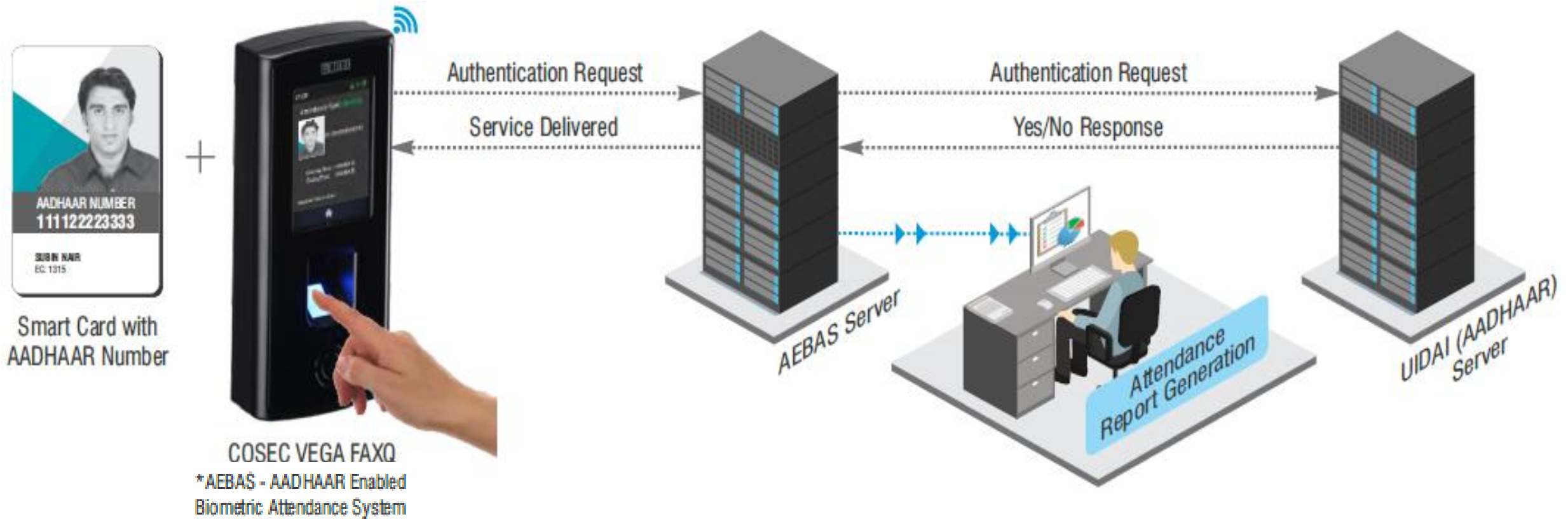


## Connectivity

PoE, Wi-Fi, 3G/4G



# AADHAAR Authentication Process





## Key Features

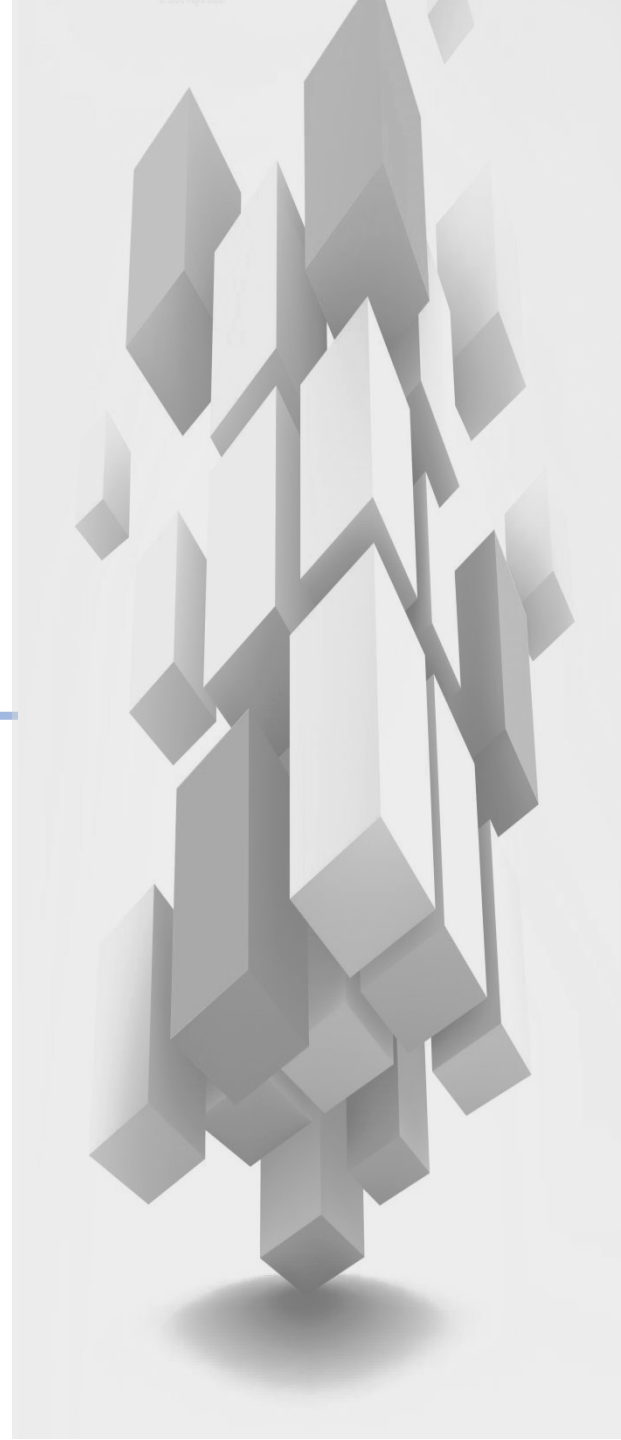
# Multiple Credentials



Fingerprint



RFID Card  
(Mifare Smart)



# Two Authentication Modes

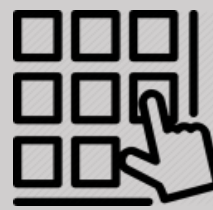


+



Mifare  
Smart Card  
(With AADHAAR  
Number)

Finger

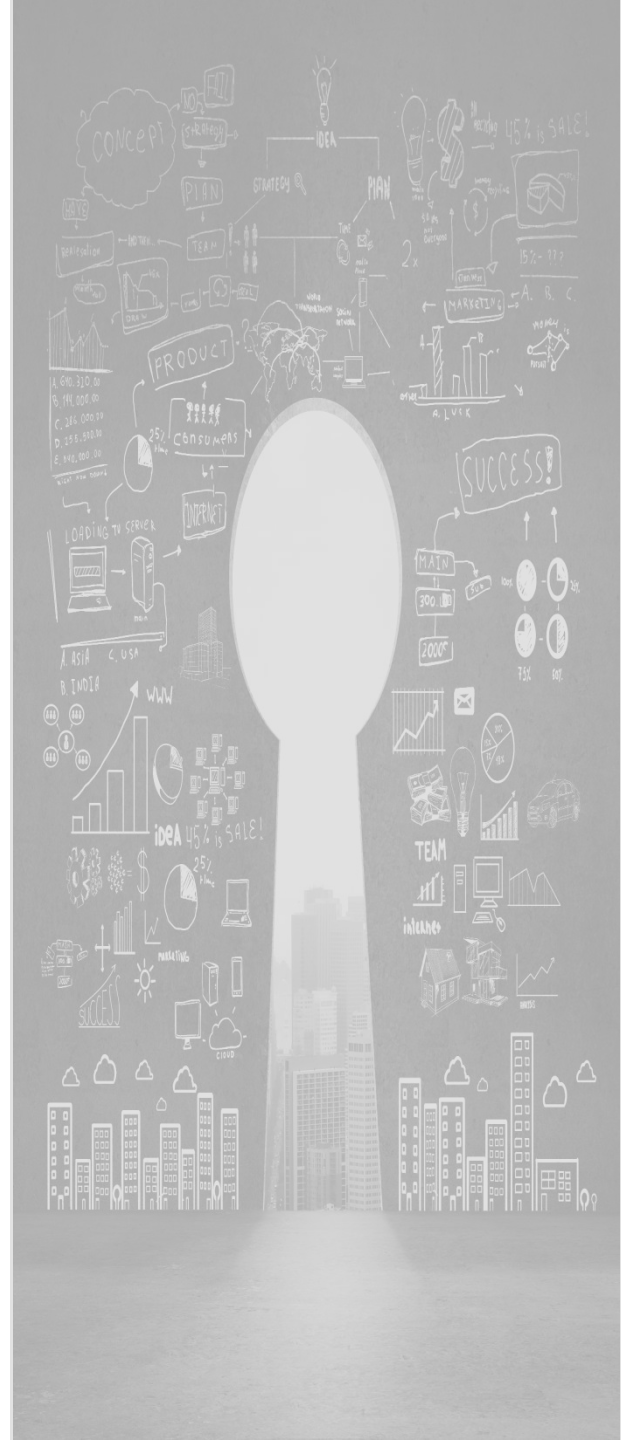


+



AADHAAR  
Number

Finger



# Multi Language Support

हिंदी

English



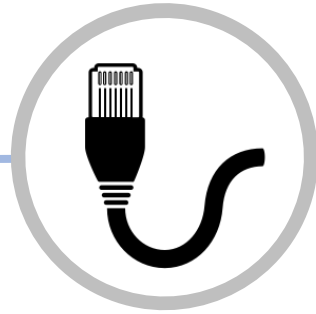
# Multiple Connectivity



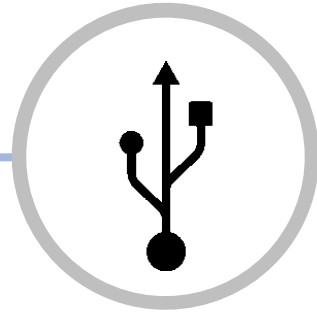
3G/4G/LTE



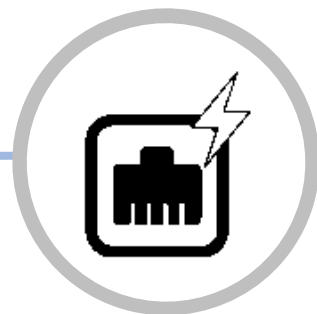
Wi-Fi



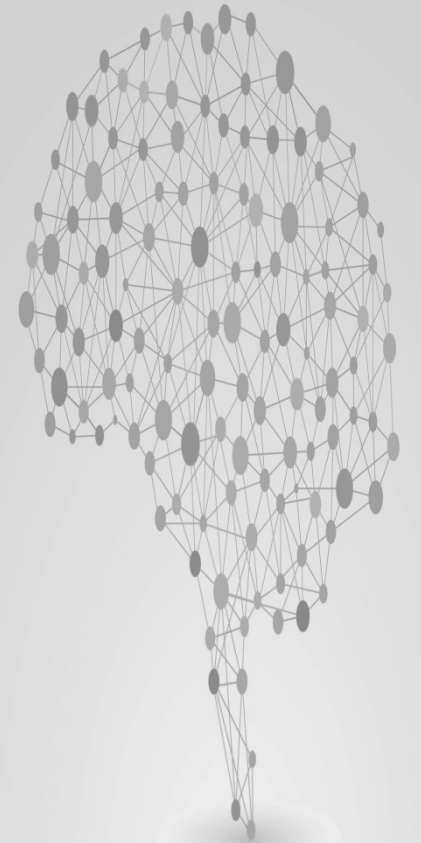
Ethernet



USB



PoE  
Power over  
Ethernet



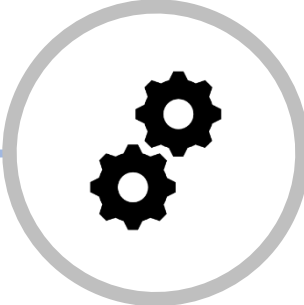
# Display



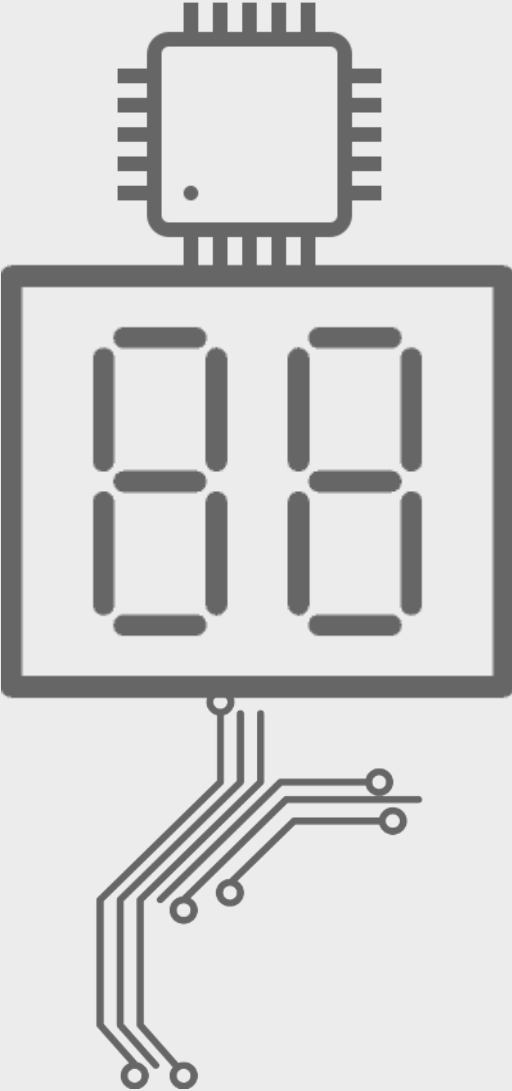
3.5" Touch Screen



Display User Photo



Device Configuration



# IP65 Design

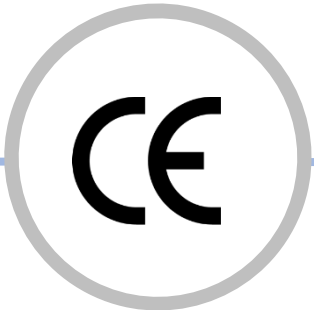


Water and Dust Resistant



IP65

# Certifications



# Partial List of Government Customers



# COSEC VEGA FAXQ is Available on GeM



**COSEC VEGA FAXQ**



# GeM (Government e Marketplace)

Product : aadhaar

API/SDK : Linux



SEARCH RESULT // (BIOMETRIC IDENTIFICATION EQUIPMENT)



Aadhaar Enabled Biometric Attendance Solution-Aebas

Brand: Matrix

₹-41895.00 44.06% Off

₹ 23438.00

1 NOS. (Min. Order)



Aadhaar Enabled Biometric Attendance Solution-Aebas Wi...

Brand: Matrix

₹-45761.00 42.84% Off

₹ 26155.00

1 NOS. (Min. Order)



Morpho Aadhaar Enrollment Kit

Brand: Morphi

₹-90000.00 15.22% Off

₹ 76300.00

100 NOS. (Min. Order)

**Product Category:**  
Biometric  
Identification  
Equipment

**Filters:**  
API/SDK: Linux

# Product 1: AADHAAR Enabled Biometric Solution



## aadhaar enabled biometric attendance solution-aebas (matrix)(cosec vega faxq)

₹ 23,438.00

MRP: ₹ 41895.00

Category : biometric identification equipment In computer data input devices

This Aadhaar Enabled Biometric Device Can Be Installed In House Or At Security Gates. This System Is Quick Responsive Which Reduces The Time Delay And Requirement Of Multiple Terminals For Simultaneous Attendance Marking. User Changeable Language-English And Hindi.

Availability: ✔ 50 In Stock | Min. Qty. Per Consignee: 1

Product Id: 253424 | Sold by: 1 Seller(s)

Product Drawing: <http://www.dgserver.dgsnd.gov.in/rc/43211714.pdf>

- Certification for Device and extractor software/SDK - STQC Certified
- API/SDK - Linux
- Integrated USB 2.0 and above Connector - Yes
- UIDAI Certified Registered Device (Copy of the certificate to be furnished when demanded by buyer) - Yes

# Product 2: AADHAAR Enabled Biometric Solution with Smart Card



## aadhaar enabled biometric attendance solution-aebas with smart card (matrix) (cosec vega with smart card)

₹ 26,155.00

Offered Price: ₹ 26155.00 | MRP: ₹ 45761.00

Category : biometric identification equipment In computer data input devices

This aadhaar enabled biometric device can be installed in house or at security gates. This system is quick responsive which reduces the time delay and requirement of multiple terminals for simultaneous attendance marking. User changeable language- English and Hindi.

Availability: ✔ 50 In Stock | Min. Qty. Per Consignee: 1

Product Id: 253386 | Sold by: 1 Seller(s)

- Certification for Device and extractor software/SDK - STQC Certified
- API/SDK - Linux
- Integrated USB 2.0 and above Connector - Yes
- UIDAI Certified Registered Device (Copy of the certificate to be furnished when demanded by buyer) - Yes

# First Order on GeM

## Contract

Contract No: GEMC63850-11

Contract Date: 08-09-2017 16:35:11



### Organization Details

Type: Central Government  
Ministry/ Department: M/o Skill Development & Entrepreneurship  
Organization Name: REGIONAL VOCATIONAL TRAINING INSTITUTE FOR WOMEN, MOHALI

### Buyer Details

GEM Unique ID: GEM/2017/GO/17953/11  
Name: Sant Ram Sharma  
Contact No.: 9418463388  
Email ID: mohinderlalverma@yahoo.co.in  
Address: Siemat Building, Adjacent To Diet Campus Shamlaghat (shimla) , Shimla , Himachal Pradesh - 171011

### Seller Details

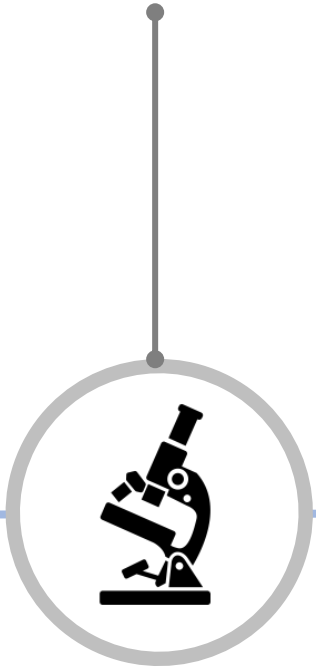
GEM Unique ID: GEM/2017/S/MATRIX COMSEC PRIVATE LIMITED/489  
Company Name: MATRIX COMSEC PRIVATE LIMITED  
Contact No.: 9824020413  
Email ID: Akshay.Sheth@MatrixComSec.com  
Address: Matrix Comsec Private Limited Makarpura, 394, Gidc, 390010 Baroda India , Vadodara City , Gujarat - 390010

## Product Details

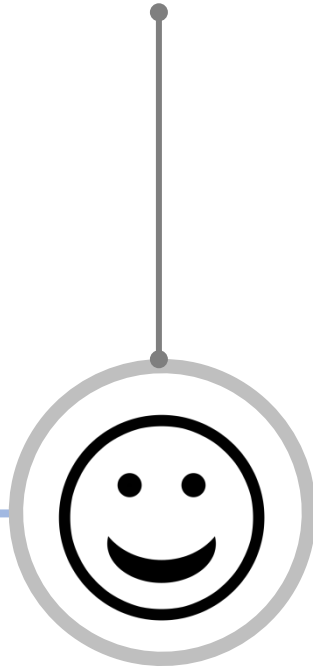
#	Item Description	Model	Is PAC buying?	Ordered Quantity	Unit	Price per Unit inclusive of all Duties and Taxes (in INR)
1	aadhaar enabled biometric attendance solution-aebas (matrix)	cosec vega faxq	-NA-	2	NOS.	23,438.00
Total Order Value (in INR)						46,876.00

# Why Matrix?

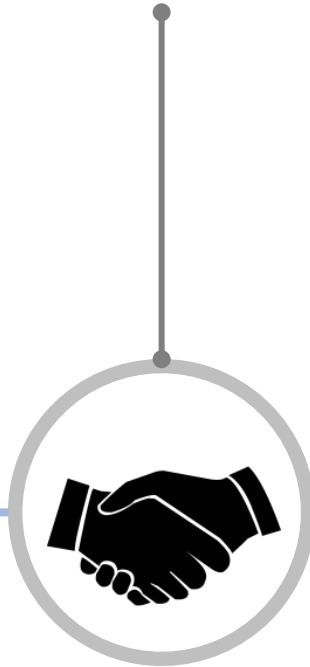
Indigenous  
R&D  
Centre



400,000+  
Satisfied  
Customer



1000+  
Channel  
Partner



Technical  
Support



THANK YOU!



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