



COSEC ARGO FACE

Researched, Designed &
Manufactured in
INDIA
50+ Countries | 1M+ Customers

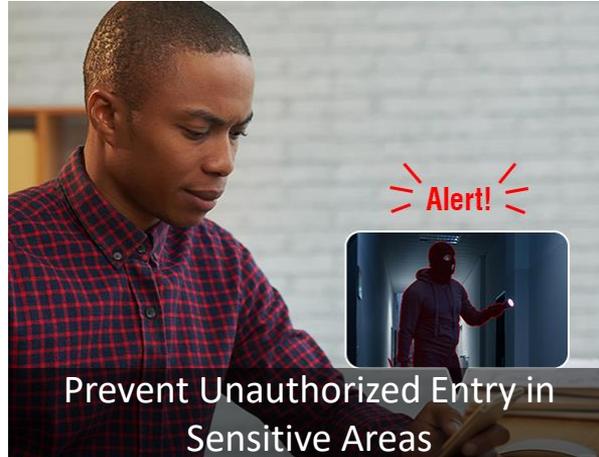


Why
COSEC ARGO FACE?

Higher Security



Higher Efficiency



The Idea Behind ARGO FACE

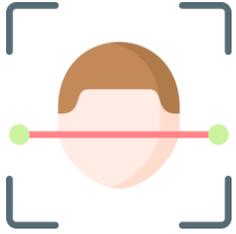


The Conceptualization



- This versatile door controller is equipped with two cameras -
 - **IR camera** - Live Detection
 - **Surveillance-grade Camera** – to capture the user identity

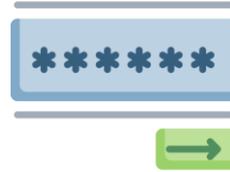
Contactless Credentials



Face Recognition



BLE



PIN



RFID

ARGO FACE

Key Differentiators





Convenient & Contactless

- No Long Queues
- Walk, Look and Go
- Very High Throughput
- Perform Special Functions from Device UI/UX



Deep Learning Technology

- Deep Learning Algorithm
- Live Face Detection to Eliminate Masquerades
- Convolutional Neural Network based Matching

Deep Learning Technology - Working

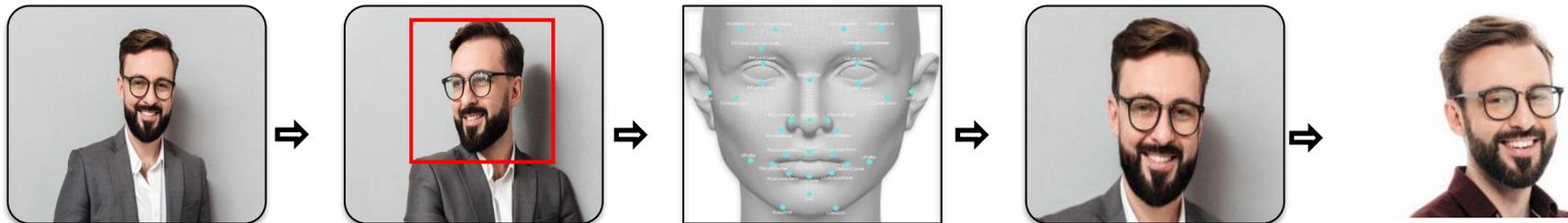


Image Capturing

Image Capturing from Real-time Video Stream

Face Detection

Face Detection and Extraction with Reference Nodal Points

Face Alignment

Face Familiarization by 2D/ 3D Alignment of Convolutional Layers

Face Representation

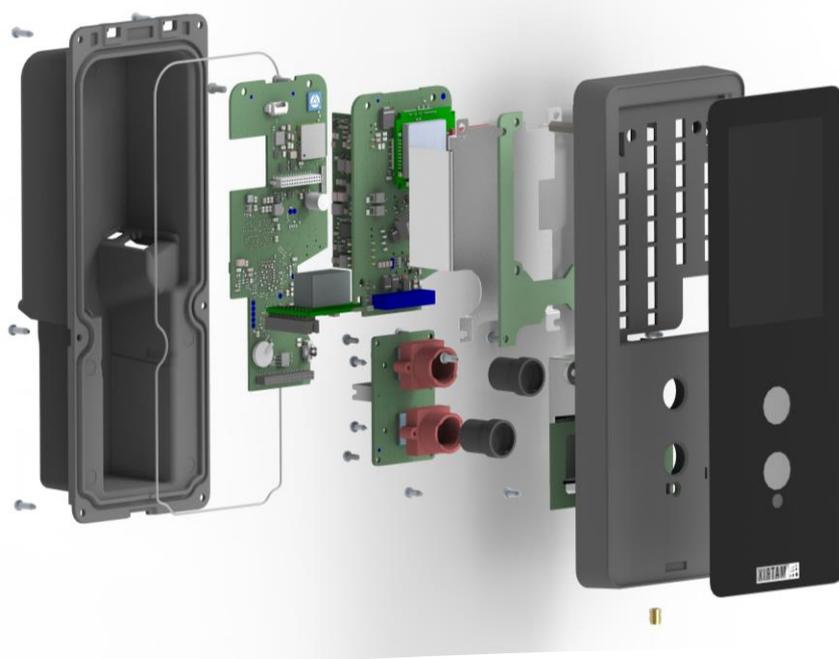
Pixels are Transformed into Feature Vectors - Templates

Face Matching

Similarity Score **98%**

Massive Capacity

- 200,000 Templates (1:1 and 1:N)
- 30 Face Templates per User
- 50,000 Users
- 5,00,000 Events



Robust

- IP65 Certified – Ingress Protection
- IK06 Certified - Vandal-proof Enclosure
- Good Performance in Challenging Conditions



User ID: **5002**

Name: **Kris Smith**

Time: **11:05**



Speed

- High Speed Processor
- No Template based Matching

Superior Performance



- Low Light Condition up to 30 Lux
- Exceptional Colored Image at Low Light
- Accuracy with even Different User Heights
- Stable Performance at Varying Light Conditions
- Adaptive Face Enrollment – Records Facial changes over a time period
- Mask Compulsion



Advanced
Connectivity Options

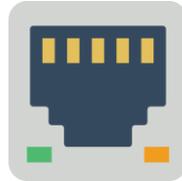
Advance Connectivity Options



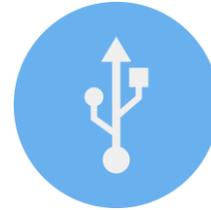
Wi-Fi



Bluetooth



PoE/
Ethernet



USB

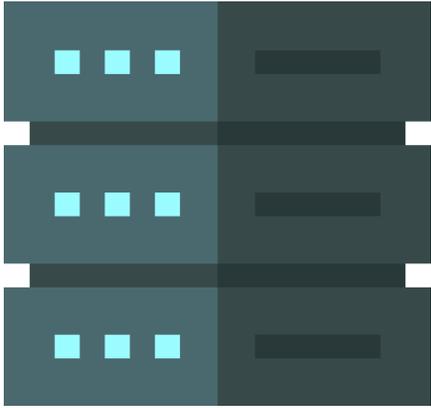


GSM/VoLTE
(Through Dongle)

Centralized Control and Management



Storage Options



On-Premise Solutions



Cloud-based Solutions

One Device - Flexible Applications



Applications



Access
Control



Time-
Attendance



Visitor
Management



Job Processing
& Costing



Contract Workers
Management



Cafeteria
Management



Usage Scenario





COSEC ARGO Certifications

Certifications



A close-up photograph of a modern, grey door lock system. The lock is mounted on a dark grey door. It features a vertical panel with a small color touchscreen at the top displaying a blue interface with a circular icon. Below the screen are two small circular buttons. At the bottom of the panel is a square "No Touch" sensor with a glowing purple ring and the word "EXIT" below it. To the right of the lock is a polished chrome handle. The background shows a glass door with a grid pattern.

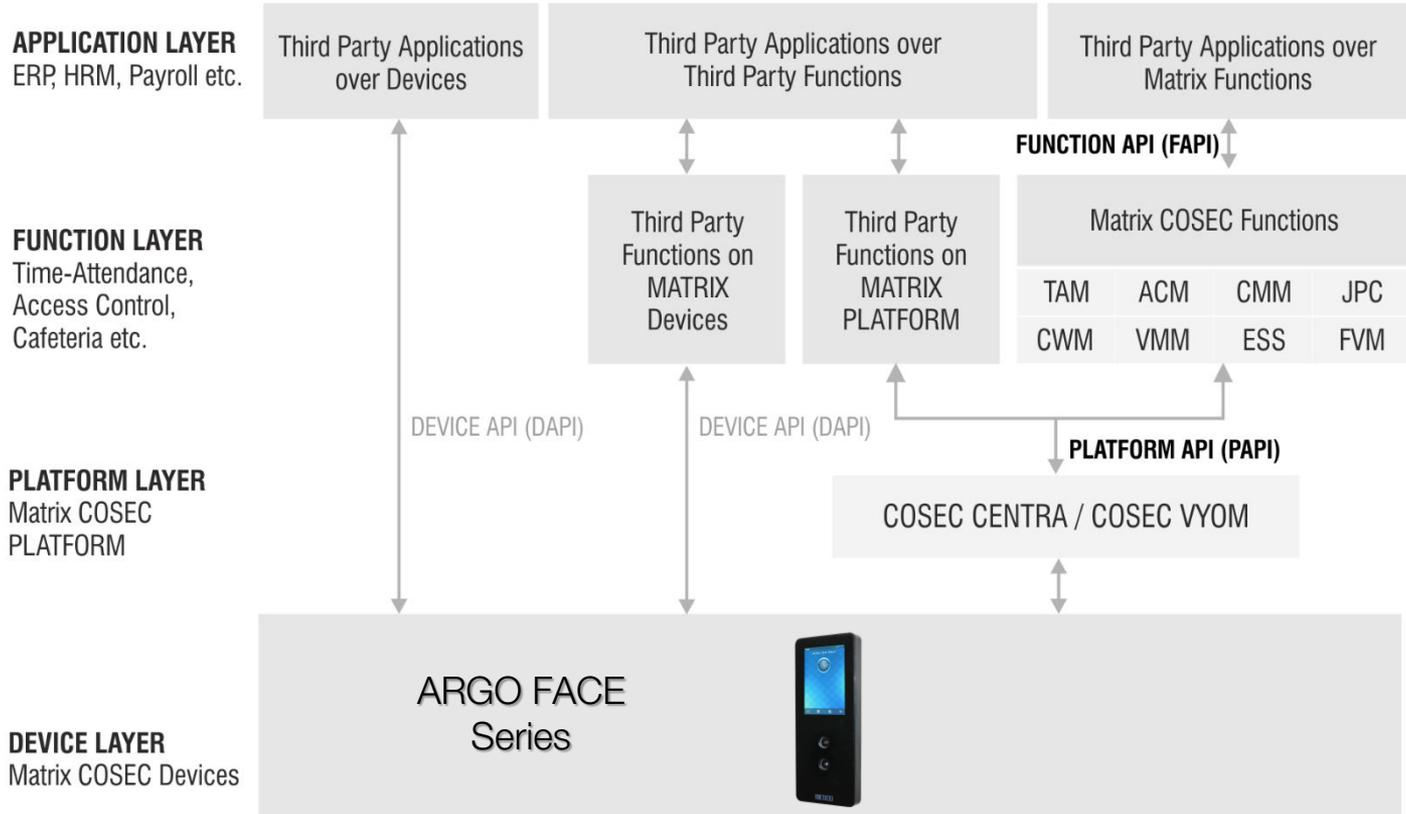
COSEC ARGO

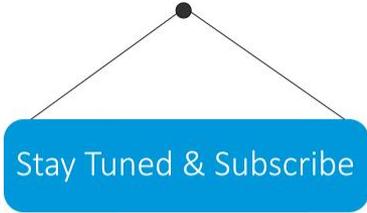
Technical Attributes

Interface



Architecture





Stay Tuned & Subscribe



@Matrix Access Control and Time-Attendance



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THANK YOU!



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