IRIS Biometric Access Control Solution

Efficient . Flexible . Safe

A robust, hands-free and contactless access control solution with advanced facial recognition technology and reliable thermal imaging.

IRIS
Bringing Solutions to Life

- **Facial Recognition**
- **Temperature Screening**

- **Facial Recognition**

Facial recognition technology is fast gaining prominence in the access control domain owing to the benefits it offers over traditional access control techniques such as fingerprint. The human face has become the primary key to accessing finances, devices, and passing through security checks.

IRIS Biometric Access Control Solution combines advanced facial recognition to unlock new ways for business and enterprise to utilise face biometrics to improve efficiency, security and controls over access operations, bespoke to most locations, situations, and circumstances.

Facilitate fast contactless entry/exit with facial recognition

Effective Presentation Attack Detection (PAD) with anti-spoofing and liveness detection

Offers better hygiene conditions with contactless face detection approach

Detects and tracks faces effectively even in challenging environments or scenarios

Automated anomaly warning to rapidly identify, notify and rectify threats

Safe & secure, provides true insight into personnel movements

Robust & powerful monitoring and tracking system with real-time reports & dashboard

Powered by Artificial Intelligent (AI) and deep learning for accurate automatic identification

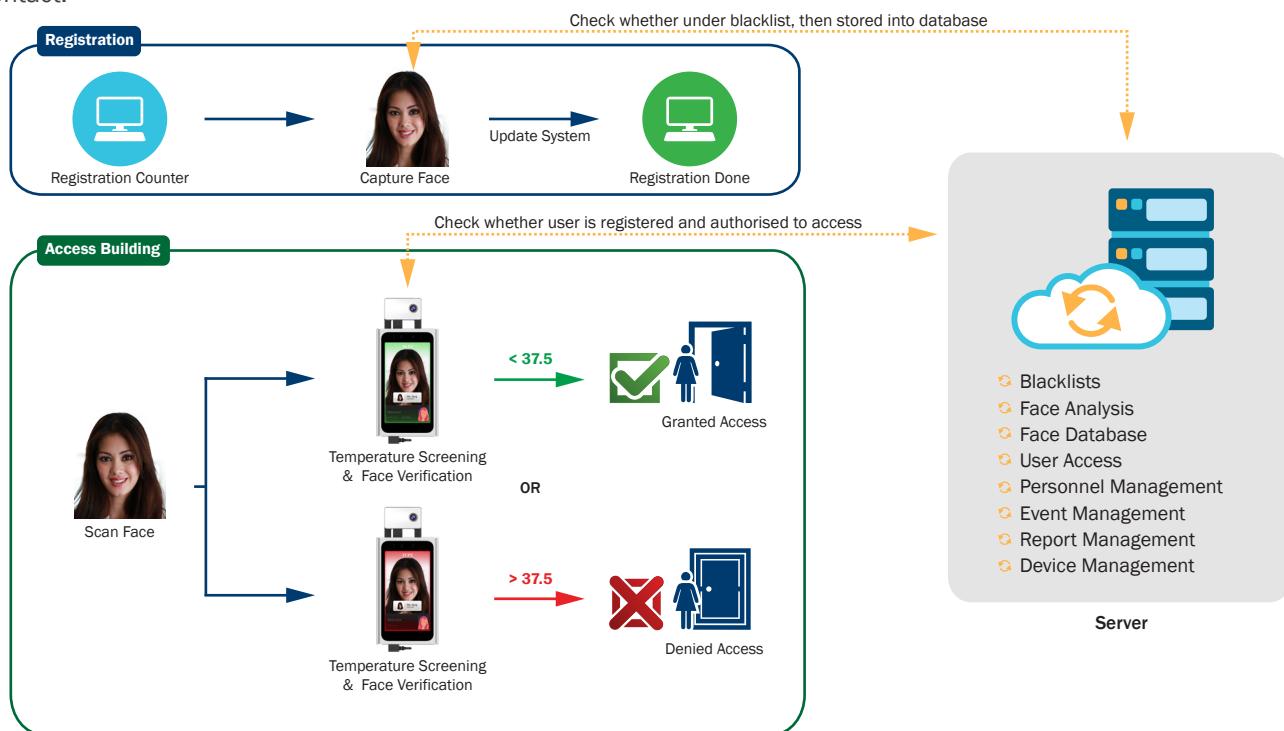Instantly validate identities whether in offline or online modes

Seamless 3rd Party Integration (Fingerprint, Card access control, Fire, Alarm, etc)

IRIS Biometric Access Control Solution

IRIS Biometric Access Control Solution is built using a centralised access control management system that supports key functions such as staff batch enrolment, staff management, visitor management, equipment management, attendance record management, personnel group management, access authorisation management as well as query and reporting. This solution seamlessly automates access control with foolproof techniques for identification and verification.

Optional offerings for this solution include facial recognition for identification of individuals and incorporation with thermal imaging cameras to quickly and accurately identify individuals with elevated body temperatures. These optional inclusions are especially useful for businesses, hospitals, law enforcement and outbreak situations. Most of access control systems can be enhanced with this solution and its available options to provide and report a wide range of data such as body temperature and identity recognition for risk mitigation and prevention while reducing physical contact.

Check whether under blacklist, then stored into database

Registration

Registration Counter → Capture Face — Update System → Registration Done

Access Building

Check whether user is registered and authorised to access

Scan Face

Temperature Screening & Face Verification — < 37.5 → Granted Access

OR

Temperature Screening & Face Verification — > 37.5 → Denied Access

Server
- Blacklists
- Face Analysis
- Face Database
- User Access
- Personnel Management
- Event Management
- Report Management
- Device Management

IRIS Biometric Access Control Solution in Action

The 2020 Asia Pacific Economic Cooperation (APEC) summit meetings across Malaysia relied on IRIS to provide a fast and secure, face recognition access control solution.

APEC attendees were able to remotely register themselves prior to the event by submitting selfies or copies of their photos together with relevant, required information. On event days, attendees need only present their face for a quick scan to pick up their ID badges and also to obtain authorised access to the relevant meeting rooms.

APEC meeting organisers were able to centrally control, manage and non-intrusively track attendee access, attendance, participation, and also collect useful data/insights for increasing security and determining popularity of meeting sessions.

Facial recognition is thus a handy access control mechanism that is gaining popularity in modern events across industries, creating a better yet secure check-in experience for everyone. This high-tech solution sets the tone for the event and allows event organisers to admit attendees more quickly, analyse data, and bolster security.

Solution features:
- Hassle-free enrolment
- Instantly verify attendees
- Accurately identify special visitors and VIPs
- Streamlined entry, shorter queue times
- Less equipment, less consumables
- Eco-friendly with no pre-printed tickets / confirmation slips

Our Secure Solutions

We offer comprehensive, sustainable, highly adaptive, and customisable Trusted Identification software and solutions that are built on secure platforms and architecture. Our proven solutions unify security, inventory, workflow, and lifecycle requirements while managing enrolment, production, issuance of physical, electronic and digital documents such as identity cards, ePassports, driver's licenses, voter cards, travel visas and many more.

IRIS eID and Digital IDentity Solution

IRIS ePassport Solution

IRIS Border Control Solution

IRIS Driver's License & Vehicle Registration Solution

IRIS Voter ID & Management Solution

IRIS eVisa Solution
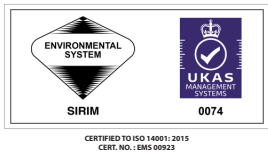

IRIS Smart Card Solution

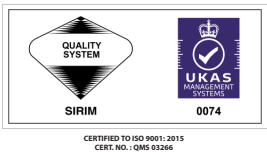IRIS Secure Document Solution

IRIS Smart Kiosks

IRIS Smart Devices

Why IRIS ?

We are a globally recognised technology-driven company with dual-certifications as a security printer and security supplier. Our experience of more than 30 years has allowed us to pioneer numerous break-through identity products and solutions for greater national and trans-border security - inventing the world's first ePassport and the world's first multi-application National ID card. Our comprehensive range of trusted identification solutions span the globe. From the manufacture of smartcards and secure travel documents to the devices and software architecture required for authentication, we continue to integrate disparate technologies that are Innovative, Relevant, Intelligent and Secure to bring to life solutions that are sustainable.

CERTIFIED SECURITY SUPPLIER — CSS — INTERGRAF — CWA15374 Certified

CERTIFIED SECURITY PRINTER — CSP — INTERGRAF — ISO 14298 Certified

QUALITY SYSTEM	UKAS MANAGEMENT SYSTEMS
SIRIM	0074

CERTIFIED TO ISO 9001: 2015
CERT. NO. : QMS 03266

ENVIRONMENTAL SYSTEM	UKAS MANAGEMENT SYSTEMS
SIRIM	0074

CERTIFIED TO ISO 14001: 2015
CERT. NO. : EMS 00923

ISMS	UKAS MANAGEMENT SYSTEMS
SIRIM	0074

CERTIFIED TO ISO/IEC 27001: 2013
CERT. NO. : ISMS 00315

IRIS ™
Bringing Solutions to Life

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