



CYBERFACE
Biometric Digital Identity

The Blueprint of a Smart Airport

Unified Biometric Ecosystems for Total
Perimeter and Process Control

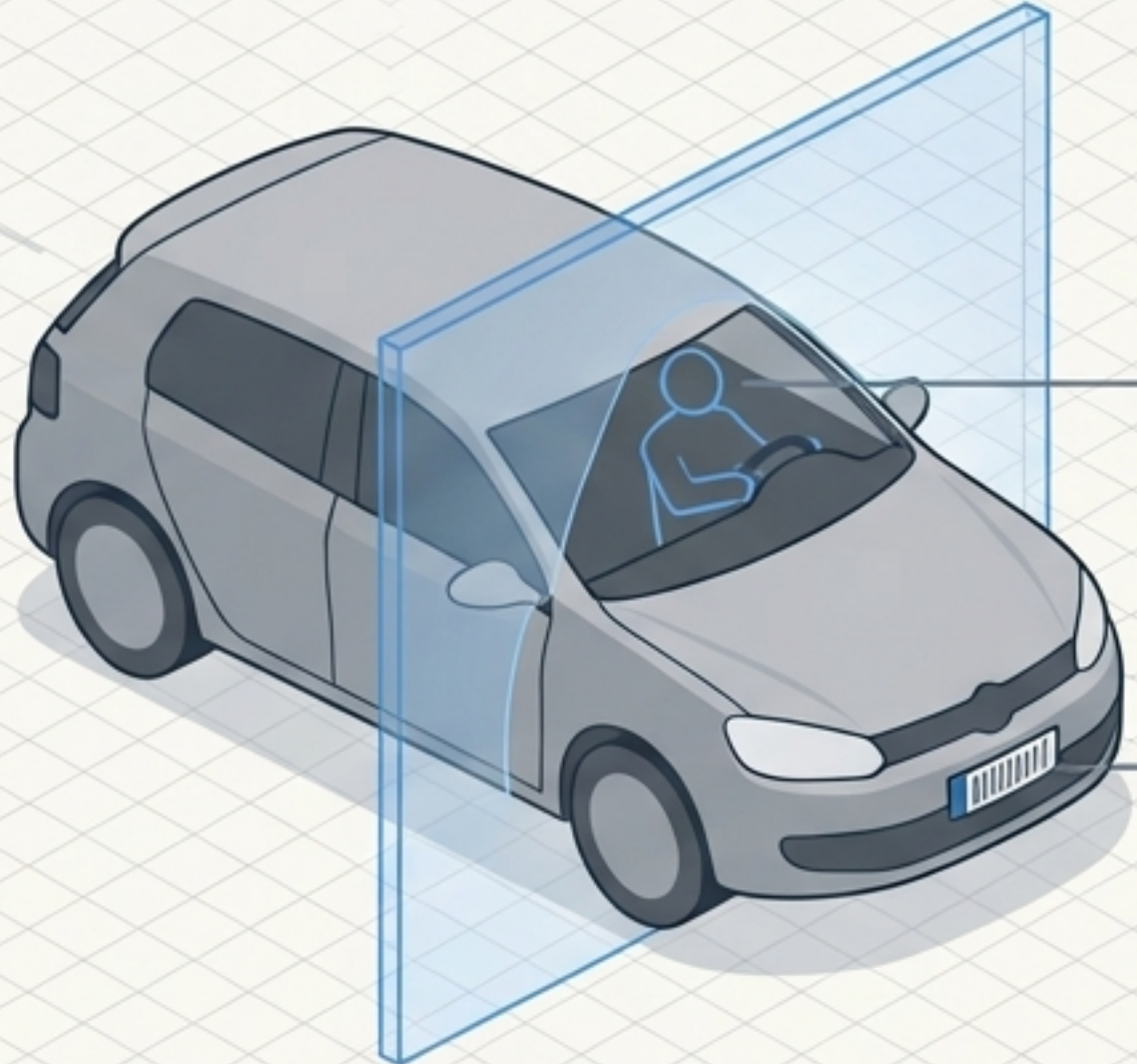
Securing the Concentric Rings of Modern Infrastructure


Airport security is not a single line of defense; it is a matrix of interconnected spatial zones. CyberFace deploys specific, optimized biometric protocols at every perimeter, seamlessly linking vehicles, personnel, and passenger flows.

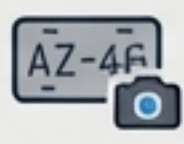



The Outer Perimeter: Interdiction at 40 km/h

Security begins on the approach roads. The CyberFace FLR (Forward Looking Recognition) system provides real-time, in-motion identification of vehicles and occupants, delivering advance warning to infrastructure stakeholders.



 **Driver Identification:** Captures and verifies facial biometrics through the windshield in real-time.

 **License Plate Recognition (LPR):** Simultaneously extracts the vehicle's registration.

 **Database Cross-Verification:** Instantly screens against authorized personnel databases and known suspect watchlists.

The Driver-Vehicle Linkage Protocol

Identifying a vehicle is insufficient if the driver is unknown. FLR continuously cross-references the driver's biometric identity with the vehicle's registration to prevent unauthorized asset usage and perimeter breaches.

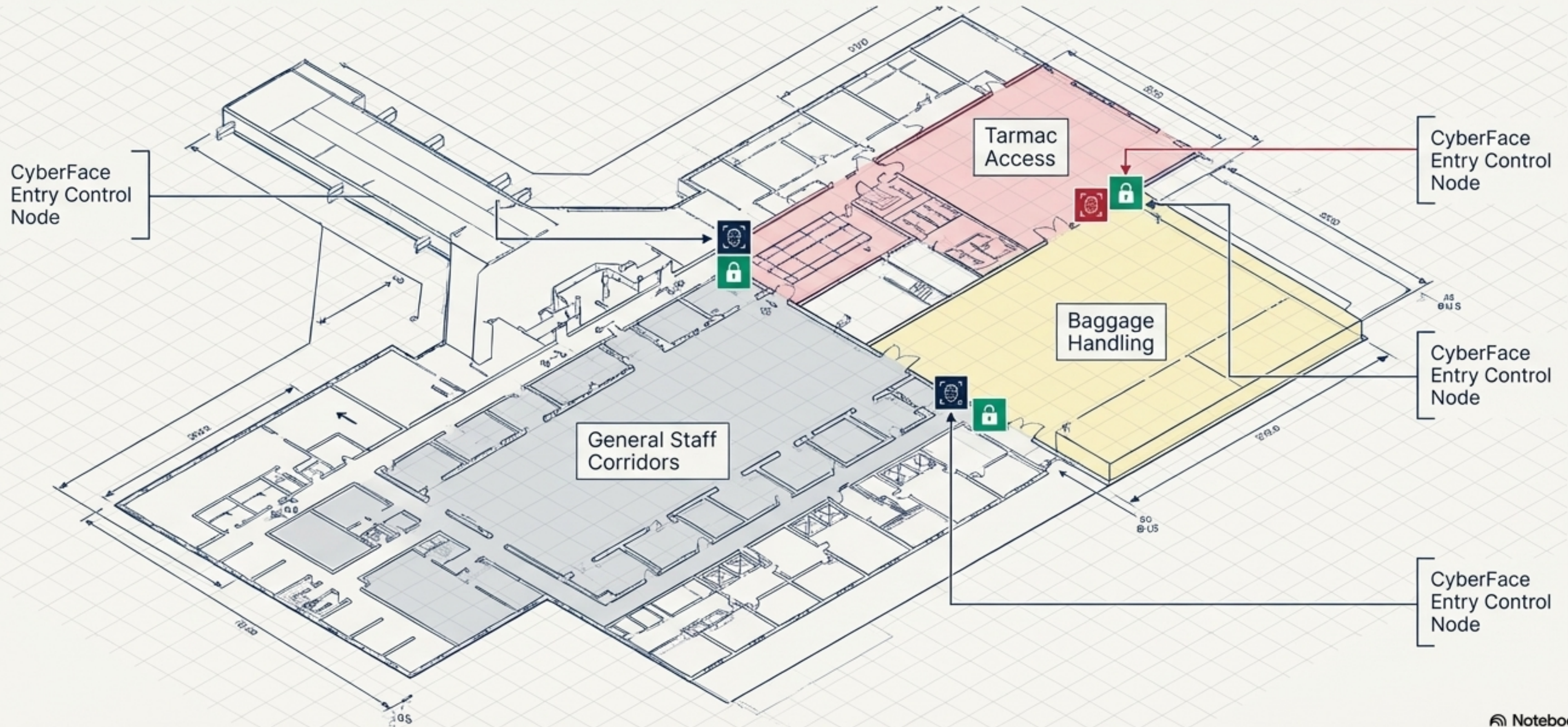
Linkage Confirmed

Plate: **660 42 702** → Name: **John Doe**
Score: **98%**
Verification: **Match**
Uid: **12345**

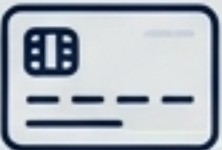





Status: Driver-Vehicle Linkage Confirmed - Access Authorized

Dynamic Access Control for Restricted Compartments

Internal airport geography consists of nested security tiers. CyberFace tags employee passes with integrated facial recognition to enforce strict compartmentalization without slowing operational workflows.



The Employee Access Control Matrix

1:1 Verification	1:N Verification	Passive Bio-Surveillance
<p>Method: Physical smart card combined with a live facial image.</p> <p>Deployment: High-security individual access points (e.g., server rooms, control towers).</p>  	<p>Method: Door pass utilizing facial biometrics only.</p> <p>Deployment: High-traffic restricted corridors (e.g., employee break rooms, tarmac transfer points).</p>  	<p>Method: Contactless monitoring to identify unauthorized employee entry.</p> <p>Deployment: Open restricted compartment areas requiring continuous auditing.</p>  

The Passenger Ecosystem: Managing Dueling Priorities

A modern airport must simultaneously facilitate frictionless departures and rigorously audit inbound arrivals. CyberFace adapts its biometric posture to serve both critical functions seamlessly.

Frictionless Flow

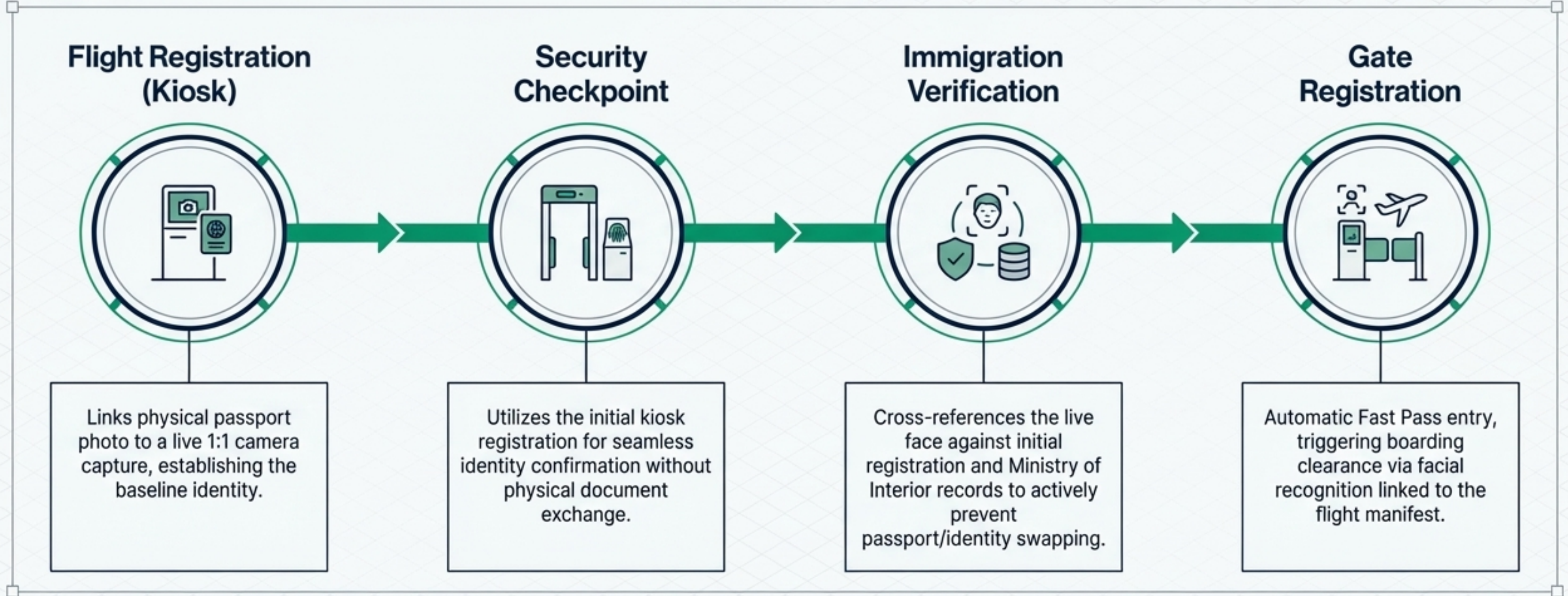


Interdiction & Alert



The Outbound Journey: Frictionless Flow

Journey Map



The Inbound Journey: Active Interdiction

Journey Map

Tarmac to Terminal (Bio-Surveillance)



Continuous scanning of arriving passengers during transitions to identify suspicious parties from centralized watchlists before they reach physical checkpoints.

Immigration Registration



Mandatory facial recognition actively linked and verified against the presented physical passport.

Customs Checkpoint

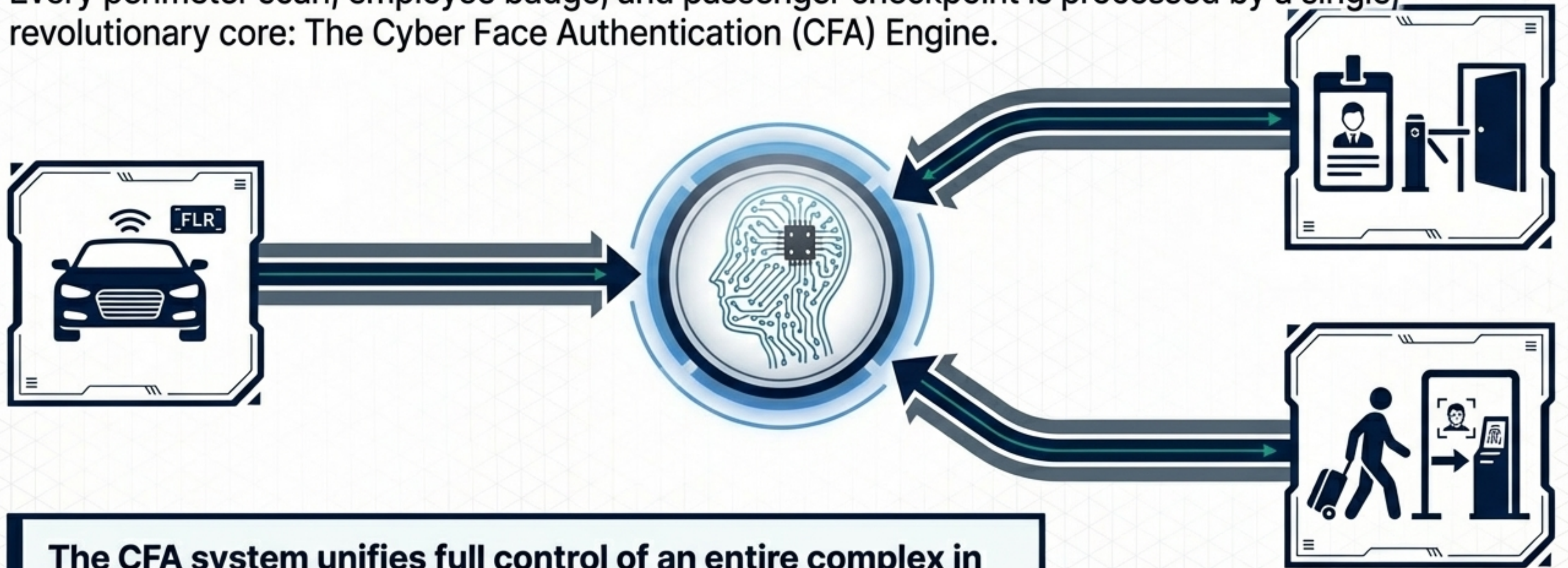


Deploys historical event data and suspect lists to specifically identify and flag potential smugglers in real-time.

Active Digital Net: Isolating Threats Before Physical Interdiction

One Engine, Absolute Control

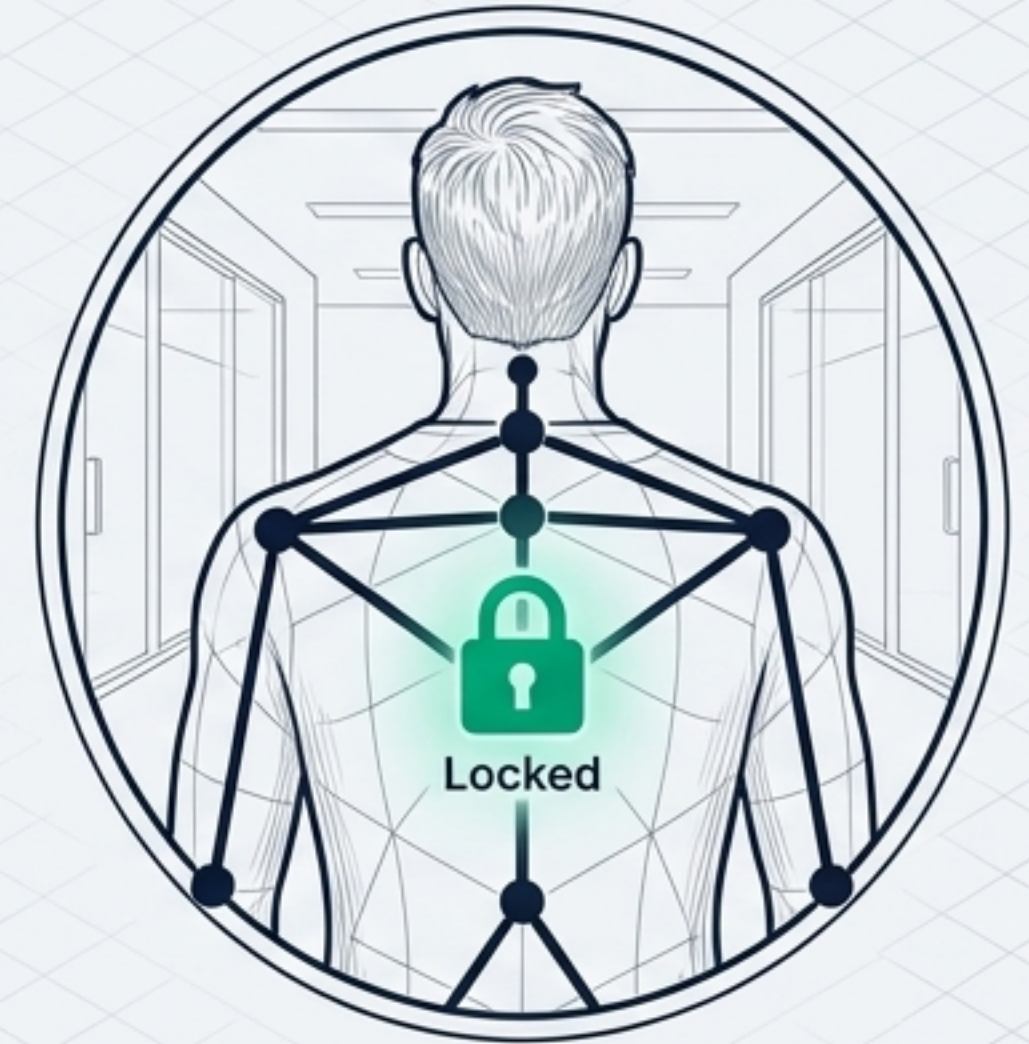
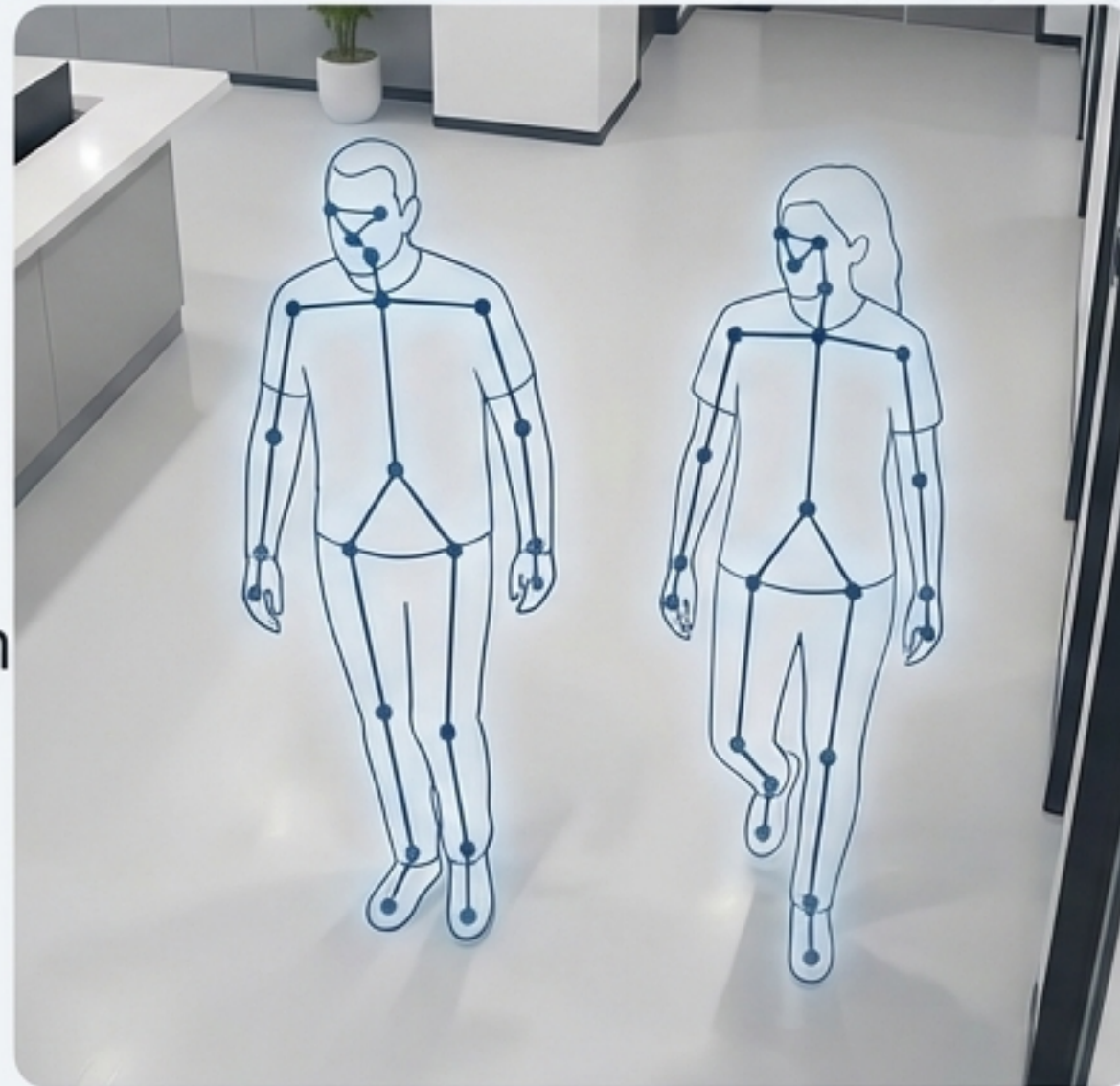
CyberFace does not provide disjointed cameras; we provide a unified intelligence ecosystem. Every perimeter scan, employee badge, and passenger checkpoint is processed by a single, revolutionary core: The Cyber Face Authentication (CFA) Engine.



The CFA system unifies full control of an entire complex in one interface, actively learning the user and the environment.

Unbroken Identity via Skeleton Analysis

Traditional facial recognition fails in dynamic, crowded terminals when subjects turn away. The CFA engine understands the entire human form. By tracking skeletal movement, the system maintains a persistent identity lock on individuals even when their backs are to the camera or they are partially obscured.



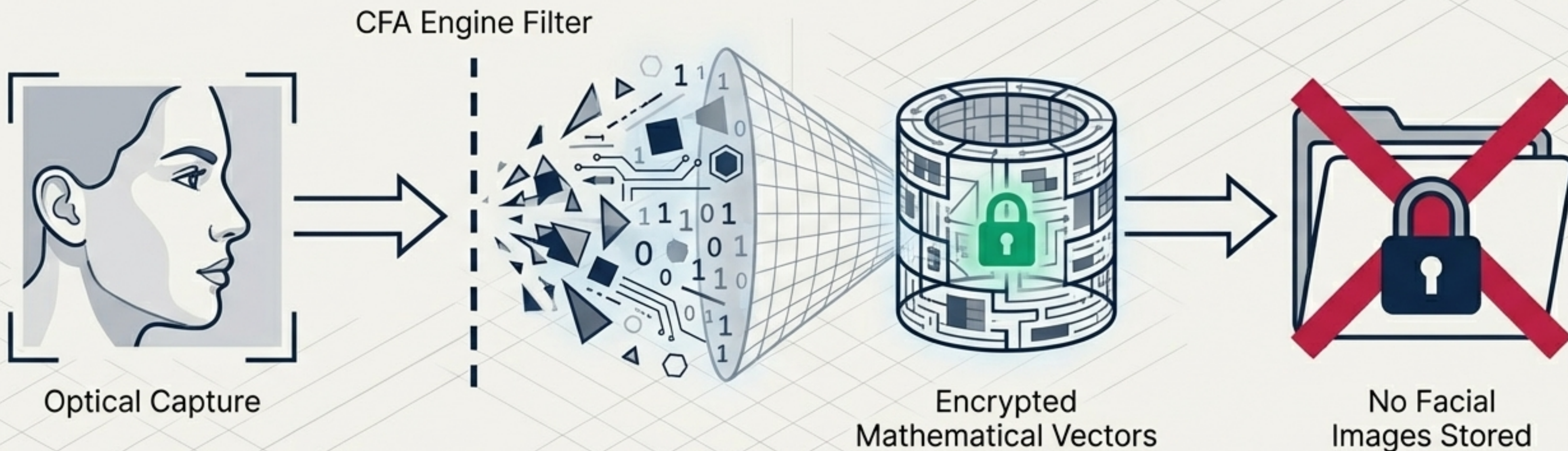
Absolute Vision in Zero Illumination

Airport perimeters do not sleep. CyberFace utilizes innovative IR (Infrared) technology to perform high-accuracy facial recognition in total darkness, overcoming nighttime obstructions like masks or tinted glass.



Privacy-by-Design Architecture

Maximum security cannot come at the cost of data liability. The CyberFace platform is engineered from the ground up for privacy compliance and risk mitigation.



- System relies strictly on encrypted mathematical vectors.
- Zero collection or storage of actual facial images.
- Eliminates the risk of identifying information leakage.

The Standard in Aviation Security

Developed by veterans of the Israeli security sector, CyberFace integrates multi-factor biometric authentication to deliver safety and operational efficiency without compromise.



Secure every perimeter. Authorize every movement. Trust the CFA Engine.