

# **CYBERFACE**

## **Biometric Digital Identity**

High-Speed, Multimodal Recognition  
for Vehicles and Pedestrians

Platform Overview &  
Technical Capabilities Briefing

# Forward-Looking Recognition (FLR) Pierces the Windshield in Real-Time



## Real-time driver

Real driver and vehicle authentication at adapted transit speeds.

## Simultaneous acquisition

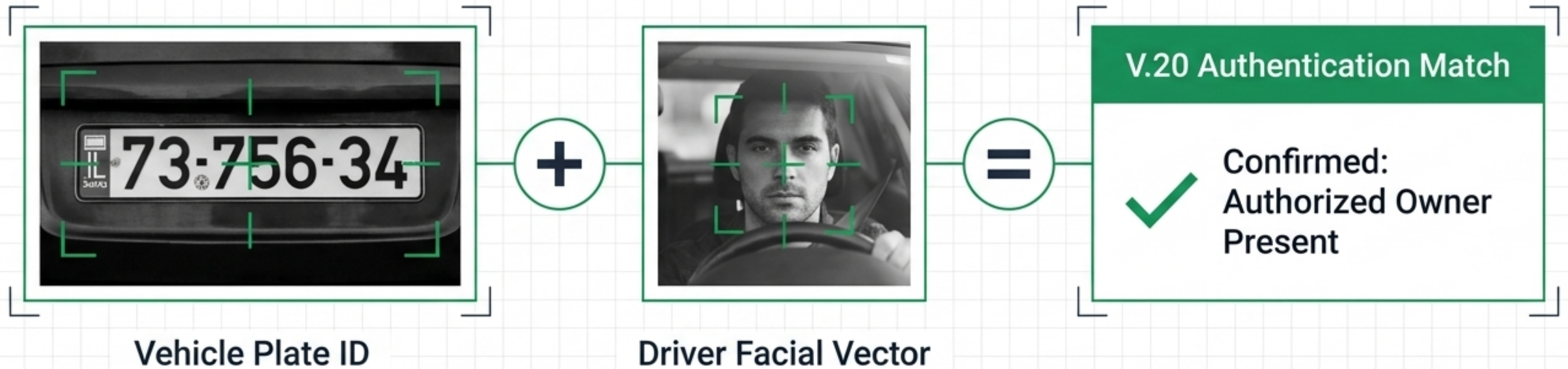
Simultaneous acquisition of driver facial biometrics (through glass) and vehicle license plate.

## Instantaneous comparison

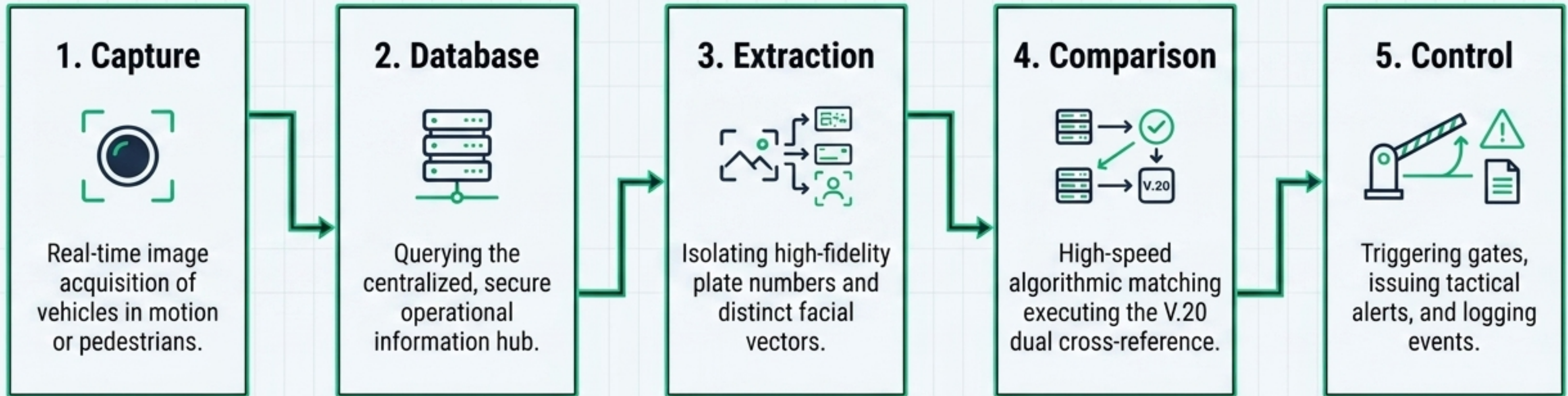
Instantaneous comparison against authorized personnel registries and suspect watchlists.

# The V.20 Capability Defeats Spoofing and Theft

Cross-referencing vehicle registration with driver biometrics ensures stolen vehicles cannot grant access.



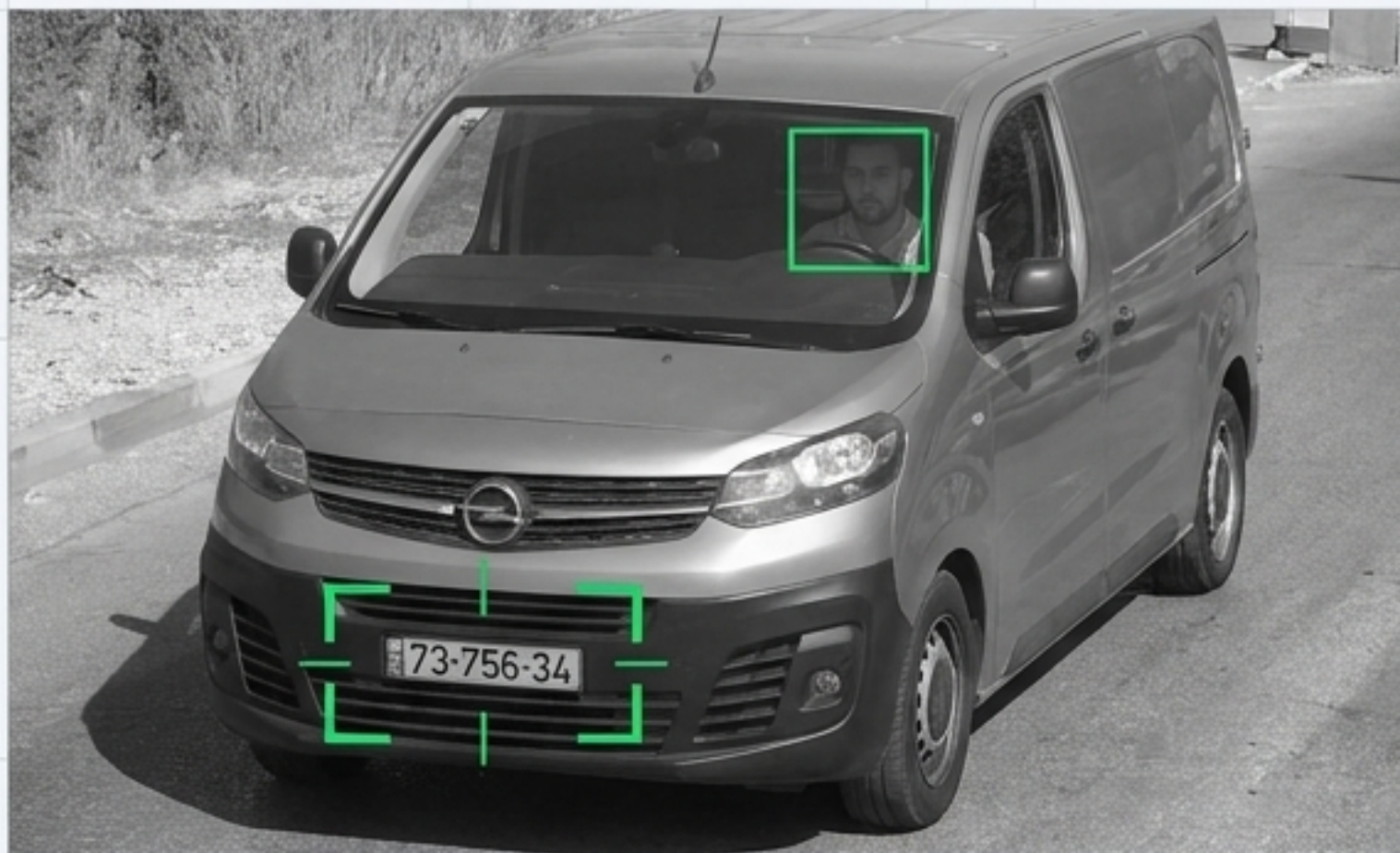
# Operational Data Flow: From Unknown to Verified in Milliseconds



Total Latency < Milliseconds

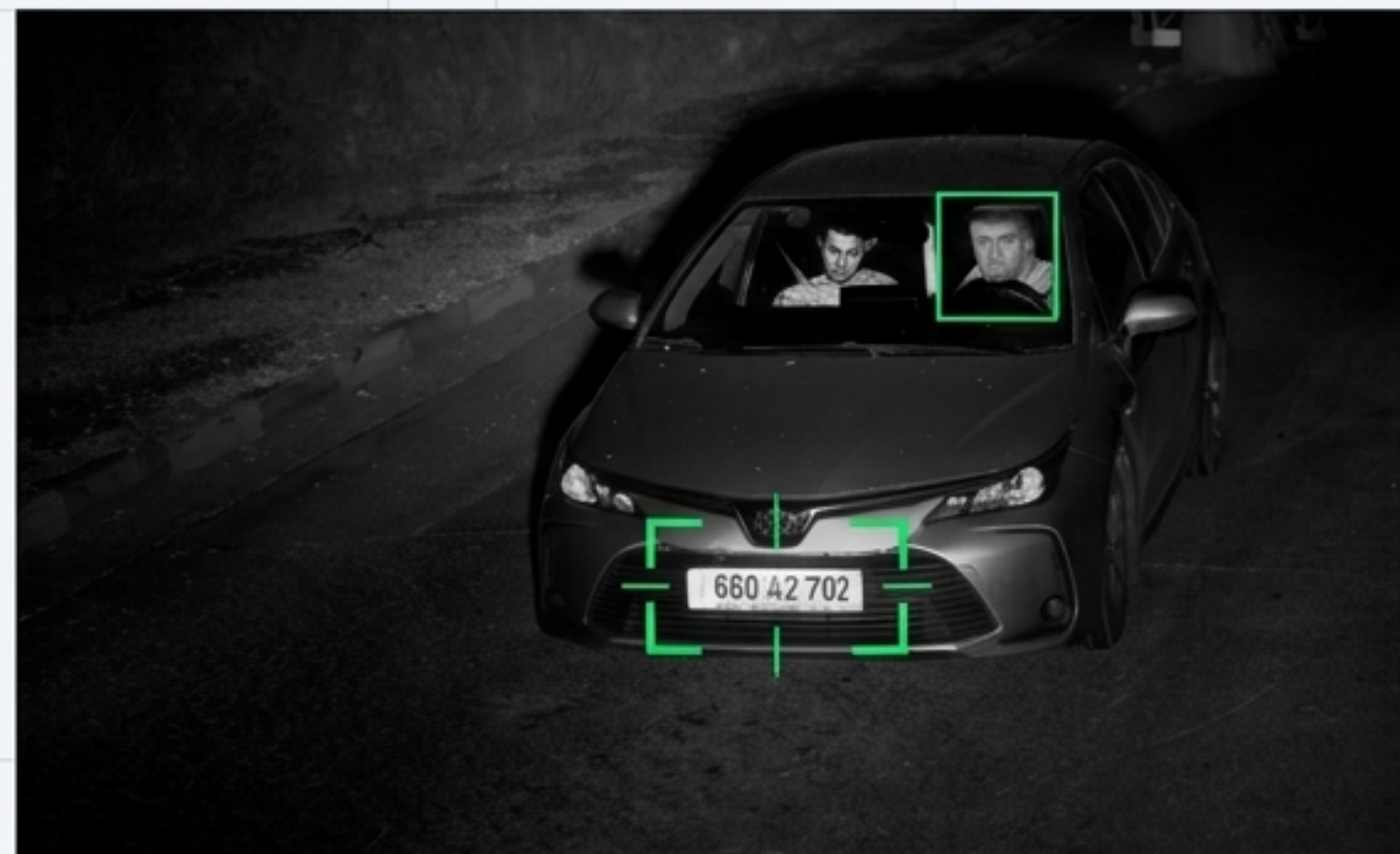
# Uncompromising Precision Across All Environmental Conditions

## Day Operations: Visual Spectrum



Full-spectrum capture handles harsh glare, shadows, and varied outdoor lighting without degraded match confidence.

## Night Operations: Infrared (IR)



High-fidelity IR capture guarantees zero drop in facial recognition accuracy during zero-light scenarios.

# The Precision Command Center Affords Complete Situational Awareness

The screenshot displays a web-based interface for a precision command center. At the top, there is a navigation menu with tabs for Home, Events, Users, Operators, Cameras, Enrollment, and LPR. The current user is identified as 'superAdmin' with roles 'SuperAdmin, Admin'. The status is 'Connected'. The main content area is divided into three sections: a live monitoring area on the left (indicated by callout 1), a central logs table (indicated by callout 2), and a filter panel on the right (indicated by callout 3). The logs table contains the following data:

Event Id	Date	LPR Verified	License Plate Number	Face Verified	Image
981676691	2024-10-28T14:05:53.01Z	false	8934979	false	VIEW
981676692	2024-10-28T14:05:53.01Z	false	8934979	false	VIEW
981676693	2024-10-28T14:05:53.01Z	false	8934979	false	VIEW
981676694	2024-10-28T14:05:53.01Z	false	8934979	false	VIEW
981676695	2024-10-28T14:05:53.01Z	false	8934979	false	VIEW

The filter panel on the right includes dropdown menus for 'LPR Verified', 'Is Face Matched', 'Plate Number', 'Plate Color', and 'Vehicle Color', along with 'CLEAR' and 'GO' buttons. The bottom of the interface shows 'Show 1 of 15199' and 'Total Items: 75991'.

1

## Live Event Monitoring

Real-time, uninterrupted video feed integration

2

## Telemetry Stream

Granular intelligence logs including Event ID, Camera ID, exact timestamps, and Plate Colors

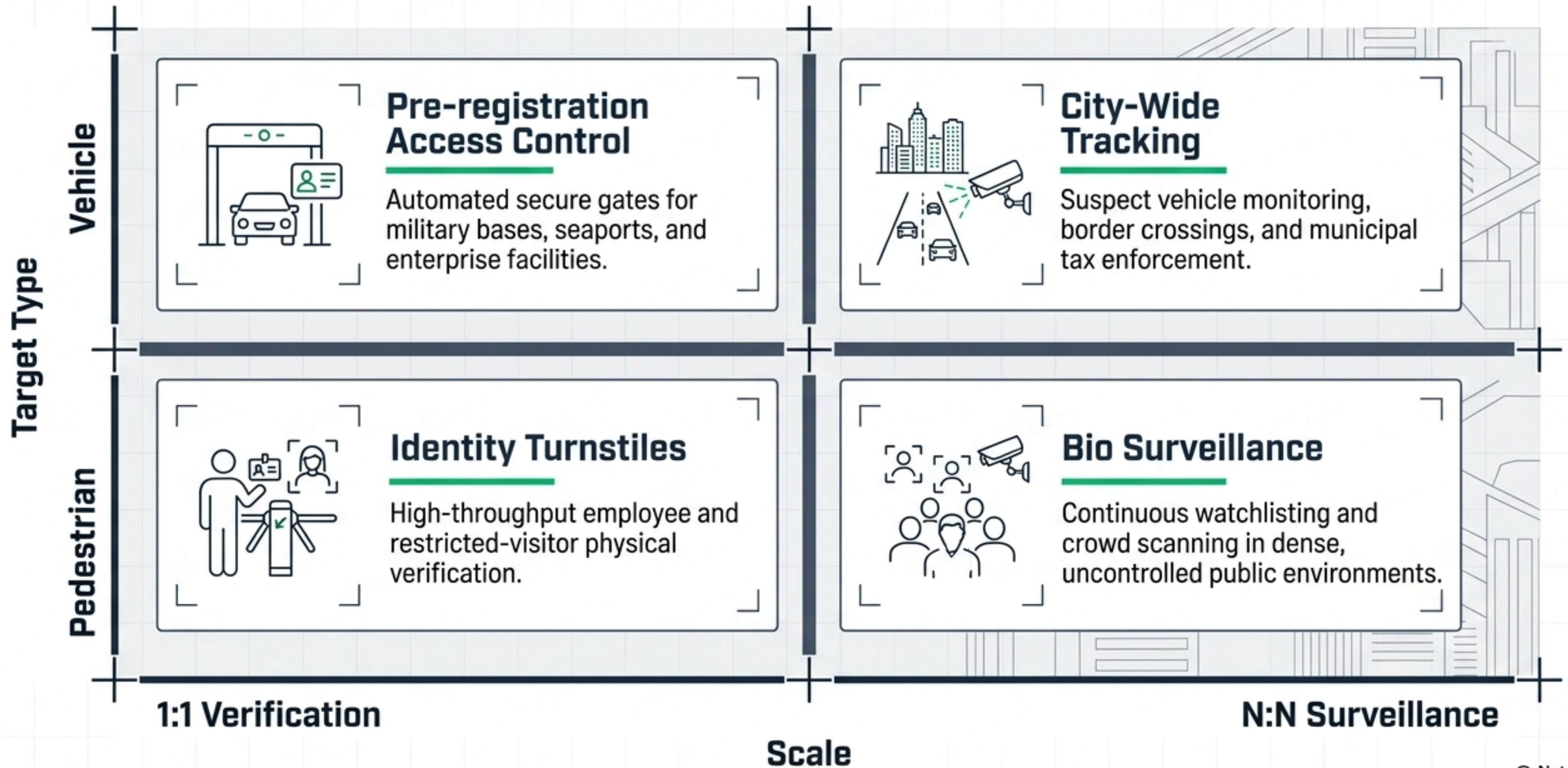
3

## Verification Status

Instant visual feedback (True/False boolean flags) for LPR and Face match status

# A Multimodal Threat Detection Matrix

Scaling from individual access to city-wide crowd surveillance.



# Beyond Vehicles: Full-Spectrum Bio Surveillance for Complex Environments



## N:N Group Detection

Identifying and verifying specific targets seamlessly as they move dynamically through dense crowds.



## Kinematic Tracking

Advanced skeleton mapping algorithms for precise movement, trajectory, and posture analysis.

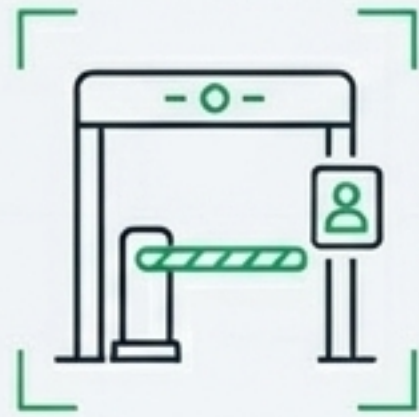


## Object & Face Nodes

Simultaneous multi-target tracking, capable of indexing distinct objects and faces within the same frame.

# Deployable Architecture for High-Stakes Environments

## Critical Infrastructure



- Pre-verification access logic
- Military base perimeter control
- Seaport & Airport restriction enforcement

## Smart Urban Management



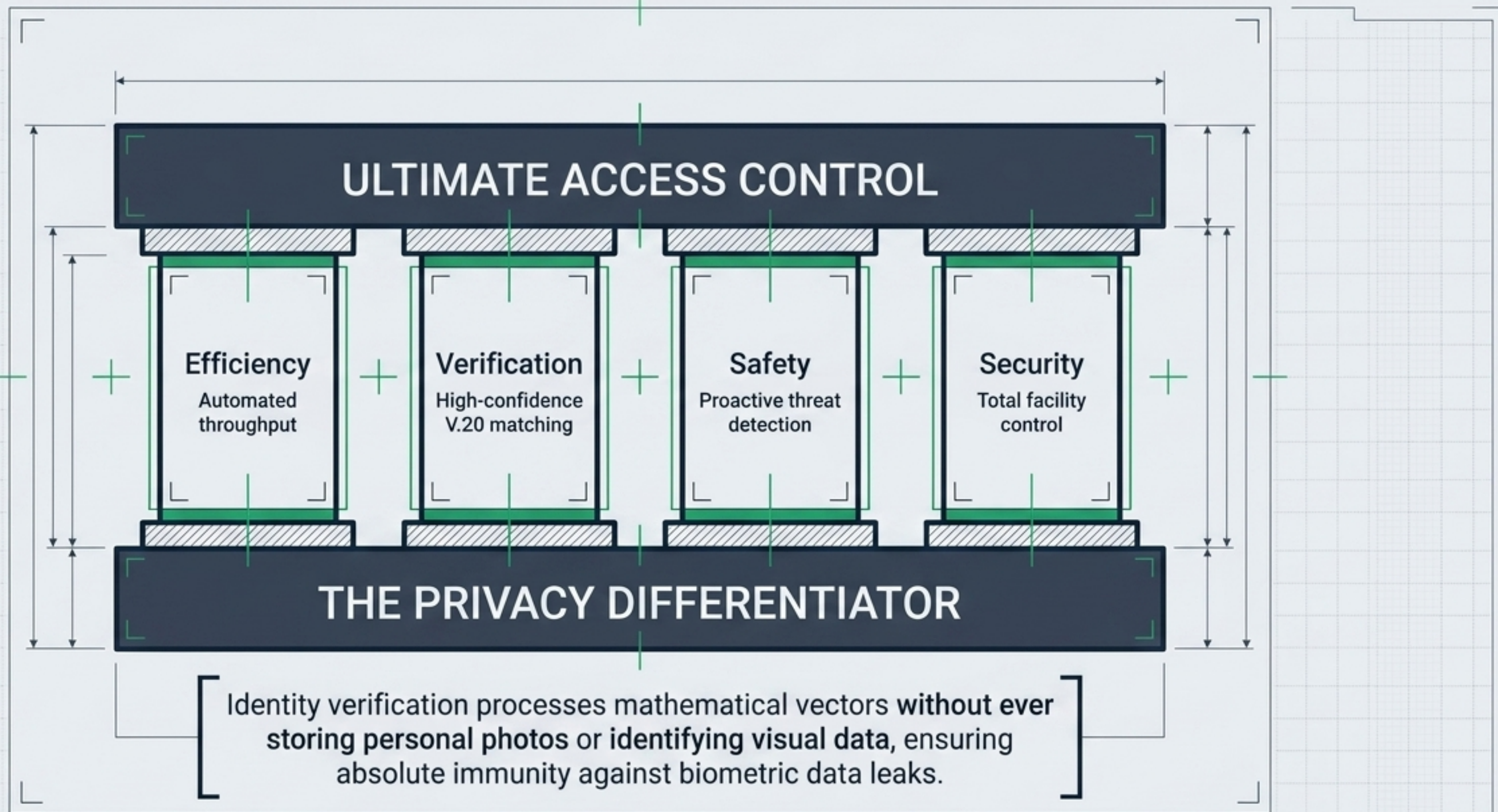
- Urban entry point monitoring
- Automated municipal tax enforcement
- Unmanned border crossing facilitation

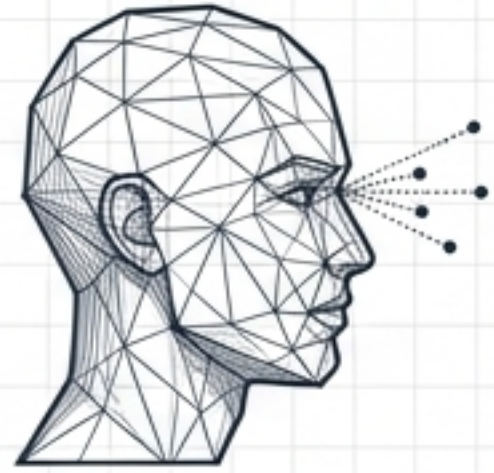
## National Security



- Real-time suspect trajectory tracking
- Law enforcement automated watchlists
- Intelligence service target operations

# The Privacy Paradox Solved: Maximum Security, Zero Image Storage





# CYBERFACE

**CYBERFACE provides a flexible, modular software platform designed to integrate seamlessly into diverse industries, solving complex operational needs with uncompromising precision.**

✉ Direct Inquiries: [amos@cyberface.tech](mailto:amos@cyberface.tech)