Gateless Access

Congestion-Free Access with
Instant Multi-Person Authentication

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1. Real-time Authentication in Crowds

Continuous, real-time authentication for large numbers of people enables smooth, gate-free entry.
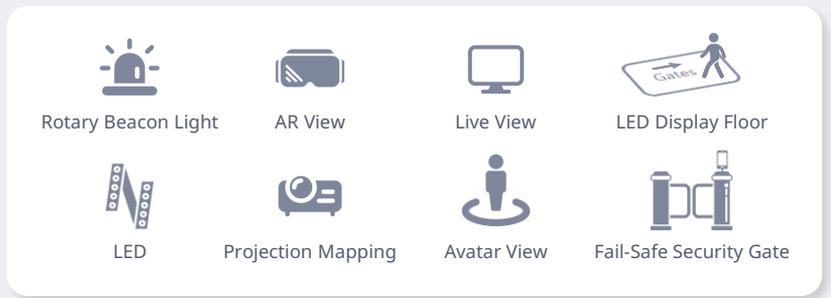
Smart Recognition for Large Groups
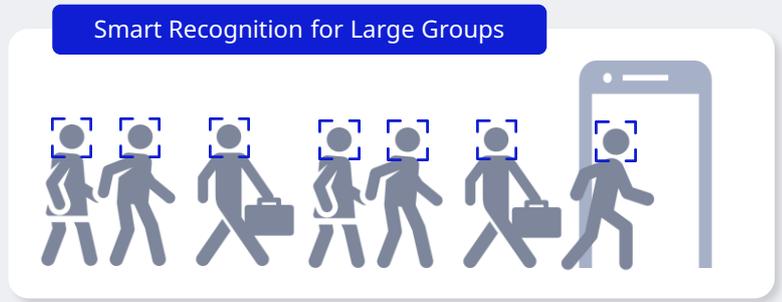
2. Easy Installation

A minimal setup – a palm-sized edge device, camera, and laptop - enables flexible installation and cost-effective expansion.

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Recommended Equipment

Single Camera | Tripod | Small palm-sized terminal | Laptop
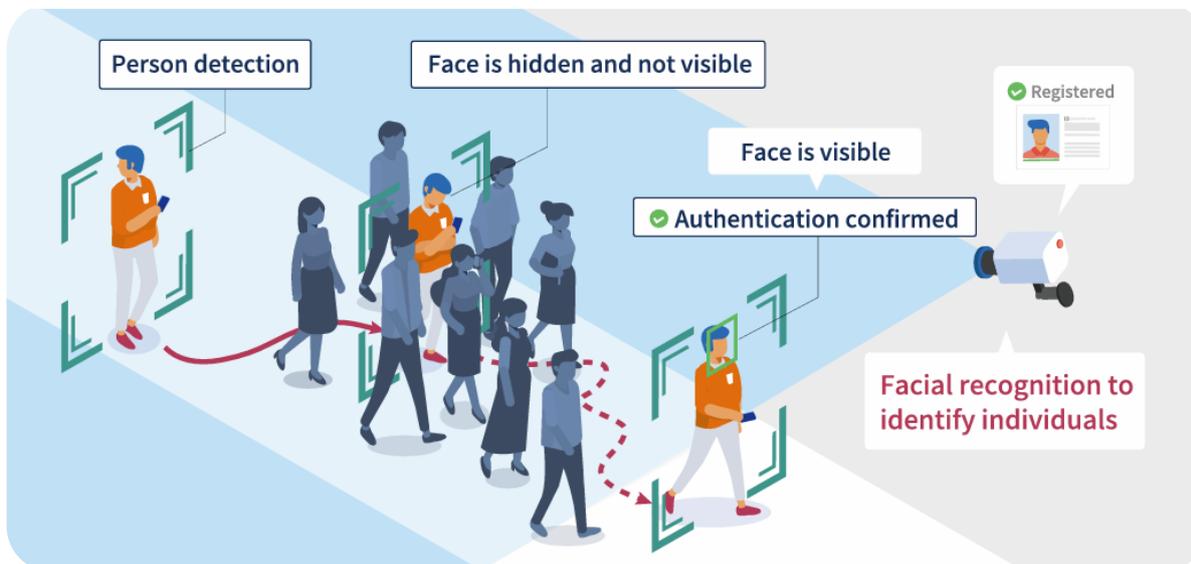
3. Flexible Integration with Applications

Flexible integration with applications supports diverse use cases, including authentication notifications and on-site guidance.

*Applications are not included in the solution.

Rotary Beacon Light | AR View | Live View | LED Display Floor

LED | Projection Mapping | Avatar View | Fail-Safe Security Gate

Authentication Flow

- Continuously authenticates individuals—even in crowded environments or when faces are temporarily obscured.

- Enables real-time, walk-through authentication at a rate of 100 people per minute.

Person detection

Face is hidden and not visible

Face is visible

Registered

✓ Authentication confirmed

Facial recognition to identify individuals

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Use Cases

Personalized Departure Information

Provides personalized departure information, including flight, gate, and boarding time, for each authenticated passenger.
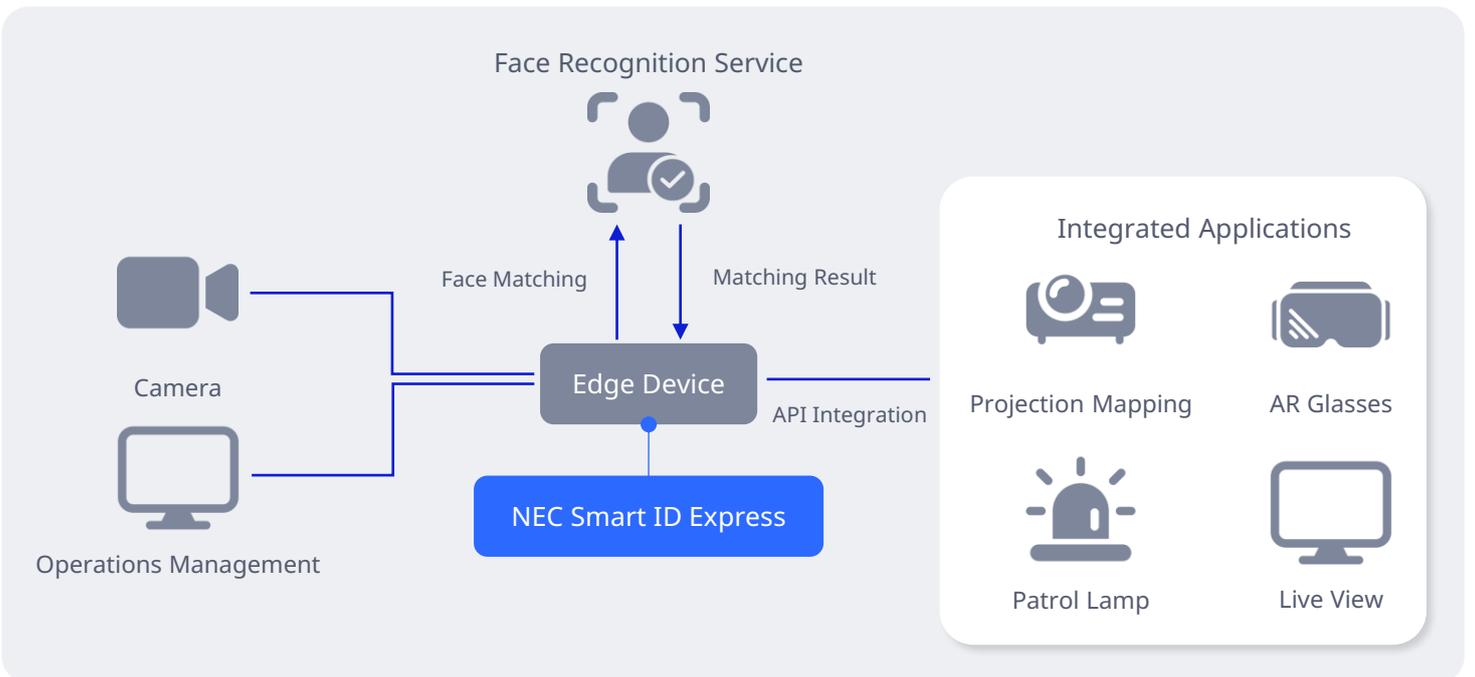

Personalized Gate Destination Guidance

Provides personalized, real-time guidance to the correct gate across arrival, transit, and departure, based on passenger identity and flight status.

Secure Gate Control for Unauthorized Access

Automatically closes gates and halts passenger flow upon unauthorized or failed authentication, securing and controlling movement in sensitive areas.

System Configuration

Face Recognition Service

Camera

Face Matching

Matching Result

Edge Device

API Integration

Operations Management

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Integrated Applications

Projection Mapping

AR Glasses

Patrol Lamp

Live View

* The solution assumes customers will implement with consent from individuals regarding the use of face recognition technology based on human rights and privacy requirements.
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