# BORDERGUARD™ Lane

Automated Border
Control solution

Securing and streamlining
border crossings

**The predicted rise in cross-border travel, combined with resource constraints and ever-evolving border control rules, is significantly impacting the border clearance processes and the traveler experience.**

Today, more than ever, travelers want to be in control over their journey and prefer a more technological, automated approach. With this in mind, governments and border control authorities have to leverage on state-of-the-art biometric, automated solutions to smooth legitimate border crossings, while efficiently identifying and acting upon possible threats.

Serving more than 30 governments worldwide, IDEMIA Public Security has in-depth knowledge of border operations. As a go-to partner, we empower border

agencies to optimize operations, facilitate decision making and lead the future of secure, efficient clearance process at air, land and sea borders. We endeavor to meet your requirements and timelines in compliance with both local and international regulations.

Leveraging our in-house technological innovations and industry expertise, we provide a fully scalable suite of interoperable products, systems, and services that help authorities design and implement border control solutions that adhere to privacy and legal requirements.

## IPS, Your #1 Partner for Border Control Programs

**50+**
Years of biometric leadership

**10,000+**
Biometric equipment deployed globally

**1B+**
Travelers processed per year

**350+**
Air, land and sea ports equipped worldwide

## Modular, ABC solutions meeting specific requirements & use cases

IDEMIA Public Security's field proven Automated Border Control (ABC) gate: BORDERGUARD™ Lane facilitates the flow of travelers while securing entry/exit movements to maximize efficiency at air, land and sea borders. It provides accurate and reliable travel document authentication, and traveler identity, coupled with fraud attempts detection. Connected to a central border control system, it allows eligibility checks and entry/exit authorization.

Integrating IDEMIA Public Security's best-in-class biometric technologies, BORDERGUARD™ Lane enables high-processing capability of all traveler profiles, increasing throughput and boosting passengers' convenience without compromising security.



To adapt to the nuances of border scenarios, IDEMIA went beyond conventional approaches. In partnership with a qualified set of gate providers, we have developed a complete range of ABC gates that can be easily integrated into existing infrastructures. To meet customer expectations, notably in terms of short lead-times and modularity, and address different use cases,

**BORDERGUARD™ Lane has been designed in 3 different versions:**

| BORDERGUARD™ Lane **Essential** | BORDERGUARD™ Lane **Advanced** | BORDERGUARD™ Lane **Premium** |

# BORDERGUARD™ Lane **Essential**

BORDERGUARD™ Lane **Essential** has all the core features and capabilities for a secure and effective border clearance process in a cost-effective, attractive design. As a turnkey solution, it comes with a decentralized operational supervision software that allows the border guard to monitor in real-time the clearance process of up to 6 gates at the same time.

With off-the-shelf, plug and play modules, the **Essential** version is the right solution for border agencies looking for a standardized approach and short lead times.



**KEY FEATURES:**

• 2 doors (mantrap) and 2-step process
• Guidance screens at both doors
• Travel document scanner with chip authentication
• Walk-through face capture and matching
• Fraud detection: Presentation Attack Detection (PAD), unicity check, tailgating detection, jump-over detection, door tampering detection
• Left item detection

## Turnkey

> Short lead times
> Standardized ABC workflow
> Standard REST APIs for easy integration with the border control system
> Audit trail and event logs
> Maintenance and training

## Low cost of ownership

> Low purchasing and operational costs
> Easy to maintain plug and play modules
> Small footprint

## #1 Biometric technology

> High-quality face capture with embedded quality assessment
> High matching accuracy
> Fair, unbiased face biometric technology

## A field-proven solution already adopted worldwide

In line with their aim to transform and modernize their borders, governmental authorities in Europe and Asia have already automated their border clearance process with BORDERGUARD™ Lane **Essential**. Delivered in very short lead times, it is operational on the field, securing and expediting the clearance process of millions of travelers with IDEMIA Public Security's most accurate and fair facial recognition technology.
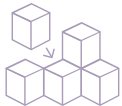
# BORDERGUARD™ Lane **Advanced**

BORDERGUARD™ Lane **Advanced** is the ideal compromise for border authorities looking for customized, quick to deploy eGates. It offers a wide set of plug and play modules to address specific border authorities use cases for a safe and convenient border crossing process. As a customizable solution, it enables workflow orchestration and supports various configurations and biometric modalities in an attractive design. For operational efficiency, it comes with a scalable, centralized operational supervision software to monitor the clearance process of all gates on the field with high flexibility.

**KEY FEATURES:**

- 1 or 2 doors (mantrap)
- 1 or 2-step process
- Guidance screens
- Travel document scan and authentication (chip and security features)
- Multi-biometric capture: face and/or iris and/or fingerprint
- Biometric matching
- Fraud detection: PAD, unicity check, tailgating detection, jump-over detection, door tampering detection
- Left item detection

## Modular

> Standard REST APIs for easy integration

> Highly customizable ABC workflow

> Real-time technical supervision through dashboards

> Various hardware options to meet specific use cases

## #1 Biometric technology

> High-quality biometric capture with embedded quality assessment

> Accurate matching results

> Fair, unbiased biometric technology

> Walk-through, contactless biometric technology

## A field-proven solution already adopted worldwide

BORDERGUARD™ Lane **Advanced** is already proving its efficiency in the Middle East, Europe, and Asia, upgrading and digitalizing the clearance process at air, land and sea borders. Featuring best-in-class contactless, walk-through biometric technologies, it speeds up the clearance process of millions of travelers around the world without compromising security.

## BORDERGUARD™ Lane **Premium**

BORDERGUARD™ Lane **Premium** sets a new benchmark in border control, combining advanced technology, key features, and customization. Designed to meet the most stringent requirements, it delivers adaptability and efficiency for border control authorities.

By choosing BORDERGUARD™ Lane **Premium**, border agencies can create a unique clearance process in terms of design, workflow and user experience.



**KEY FEATURES:**

• 1 or 2 doors
• 1 or 2-step process
• Fundamental building blocks for bespoke deployment
• Guidance screens
• Travel document scan and authentication
• Multi-biometric capture: face and/or iris and/or fingerprint
• Biometric matching
• Fraud detection: PAD, unicity check, tailgating detection, jump-over detection, door tampering detection
• Left item detection sensor

### Tailormade

> Solution definition

> Innovation workshops

> Customizable design and workflow

> Standard REST APIs for easy integration

> Real-time technical supervision through dashboards

### #1 Biometric technology

> High-quality biometric capture with embedded quality assessment

> Accurate matching results

> Fair, unbiased biometric technology

> Walk-through, contactless biometric technology

### A field-proven solution already adopted worldwide

BORDERGUARD™ Lane **Premium** is already supporting border control authorities in achieving their digital transformation vision in the Middle East and Asia. Its innovative features and ability to address stringent requirements have made all the difference. Today, millions of travelers around the world experience one of the best, forward-looking border clearance process, one that combines breakthrough technologies with high-security.

## A comprehensive approach to Automated Border Control

| | BORDERGUARD™ Lane **Essential** | BORDERGUARD™ Lane **Advanced** | BORDERGUARD™ Lane **Premium** |
|---|---|---|---|
| **Configuration** | > Turnkey<br>> Standard ABC workflow | > Modular<br>> Highly customizable ABC workflow | > Tailormade<br>> Highly customizable design & ABC workflow |
| **Biometric modality** | Face biometrics only | Multibiometrics (face, iris and/or fingerprint) | Multibiometrics (face, iris and/or fingerprint) |
| **Operational supervision** | Decentralized operational supervision | Scalable, centralized operational supervision | Scalable, centralized operational supervision |
| **Fraud detection** | Presentation Attack Detection (PAD), unicity check, tailgating detection, jump-over detection, door tampering detection | | |

With unmatched expertise and a gate vendor-agnostic approach, we support our customers from design to deployment and beyond—delivering Automated Border Control solutions powered by the best-in-class biometric technologies, independently recognized the most accurate and fair in the market.

**Border control agencies around the globe trust BORDERGUARD™ Lane to secure and streamline movements across their borders. 1500+ units have already proven their efficiency around the world!**

# IDEMIA Public Security's Commitments

### European Cyber Resilience Act (CRA)

IDEMIA Public Security is strongly committed to complying with the Cyber Resilience Act (CRA) regulation launched in October 2024. We believe, it is key to safeguard sensitive data such as traveler data, and protect IT infrastructure from attacks, which is the reason why our ABC gate is secured by design. We are already putting in place different tools and means to ensure full compliance with the CRA requirements within the specified period.

### Corporate Social Responsibility

In line with IDEMIA Group's CSR commitment and CSR program, IDEMIA Impact, our ABC gate solution went through a Life Cycle Assessment (LCA) from conception to end-of-life. This assessment identifies key areas for improvement, enabling us to refine our eco-design strategy and reduce our impact on the environment. In addition, IDEMIA Public Security is committed to forge partnerships with eco-responsible gate providers in order to build a sustainable supply chain.

# Unlock the world

IDEMIA GROUP

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