

A person is running on a paved path, wearing blue jeans and white sneakers. They have the European Union flag draped over their shoulders like a cape. The flag is blue with twelve yellow stars arranged in a circle. The background is a blurred outdoor setting with a building and a clear sky. The image is framed by a large, light blue diagonal shape.

BORDERGUARD™ EU - EES

Powering compliant,
secure, and efficient
border operations



Trusted partner in building Europe's Smart Borders

IDEMIA Public Security is a European technology leader and a longstanding partner of the European agencies in charge of border management. Since the creation of eu-LISA in 2012, we have been actively engaged in shaping the Smart Borders vision—testing and deploying biometric technologies in real-life environments. Our solutions power Europe's most critical border systems, including the Visa Information System (VIS) and Schengen Information System II.

In 2020, IDEMIA Public Security and Sopra Steria were chosen to build and operate the shared Biometric Matching System (sBMS), the cornerstone of the new EU Entry/Exit System (EES), to fight irregular immigration and cross-border crime. In May 2025, eu-LISA successfully launched sBMS with VIS.

Beyond this central role, we also support multiple Member States in implementing their national EES programs, ensuring compliance, efficiency, and a seamless traveler experience. This unique dual expertise—at both EU and national levels—positions IDEMIA Public Security at the heart of Smart Borders deployment across Europe.

Safer, smarter European borders

Europe is the most visited continent in the world, and it continues to strengthen the management of its external borders to prevent irregular migration while facilitating legitimate travel. To ensure a secure and consistent approach across all Member States, the European Commission has introduced the Entry/Exit System (EES).

The European EES collects and registers the identity data—including biometrics—and travel movements of third country nationals (TCNs) entering the Schengen Area for short stays. It also records refusals of entry and automatically calculates the duration of authorized stays in line with European regulations. In doing so, the system enhances the security of the Schengen Area and improves the management of external borders.

Now operational at all external land, air, and sea borders of the Schengen Area, as well as in candidate countries not yet fully applying the Schengen acquis, EES represents a historic milestone in European border management.

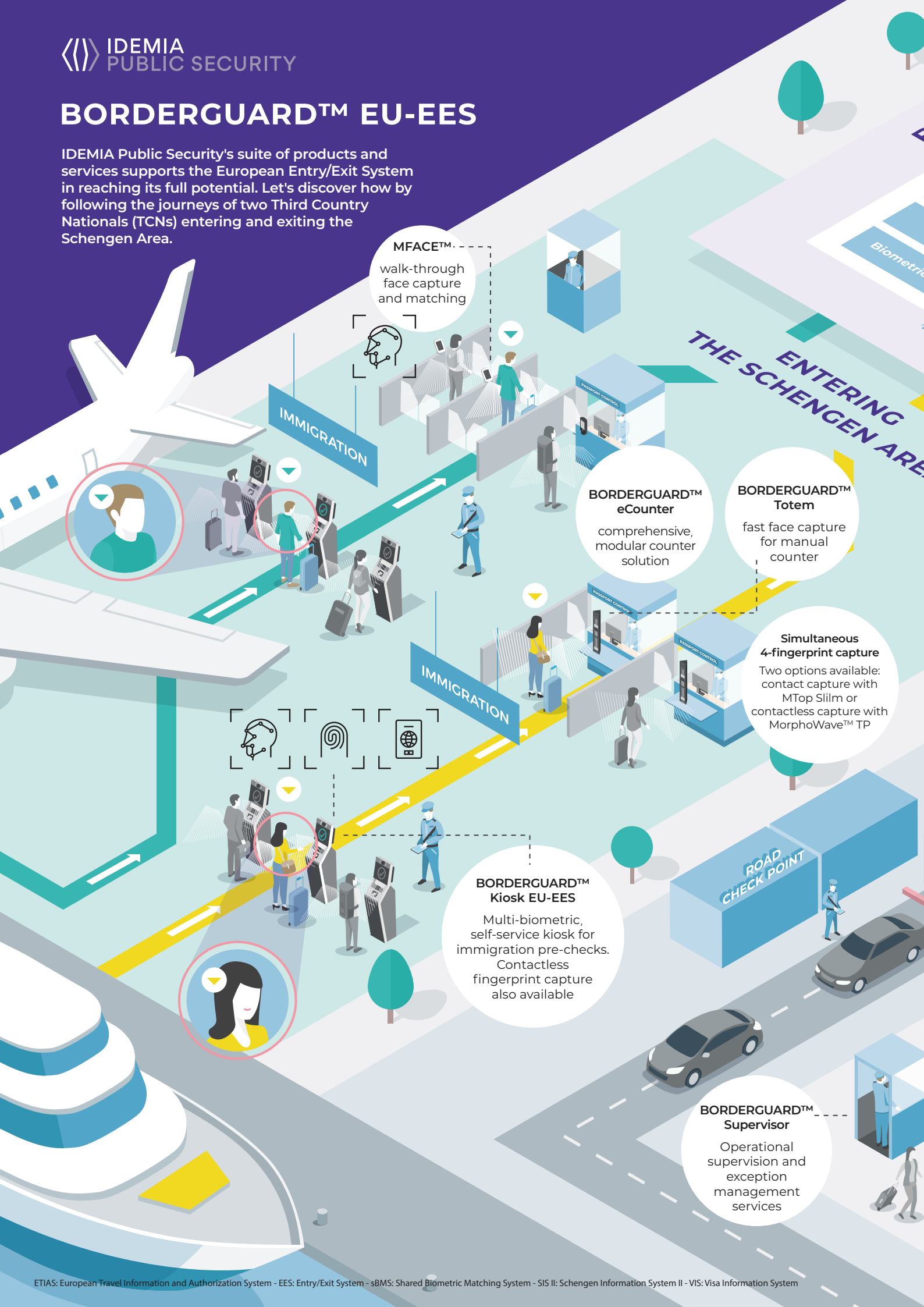
At the same time, its deployment brings ongoing challenges. Each border environment presents specific constraints, requiring authorities to continuously assess and adapt their processes and capacities. This may involve expanding automation, deploying self-service solutions, and relying on dedicated services, such as training, maintenance, and operational support.

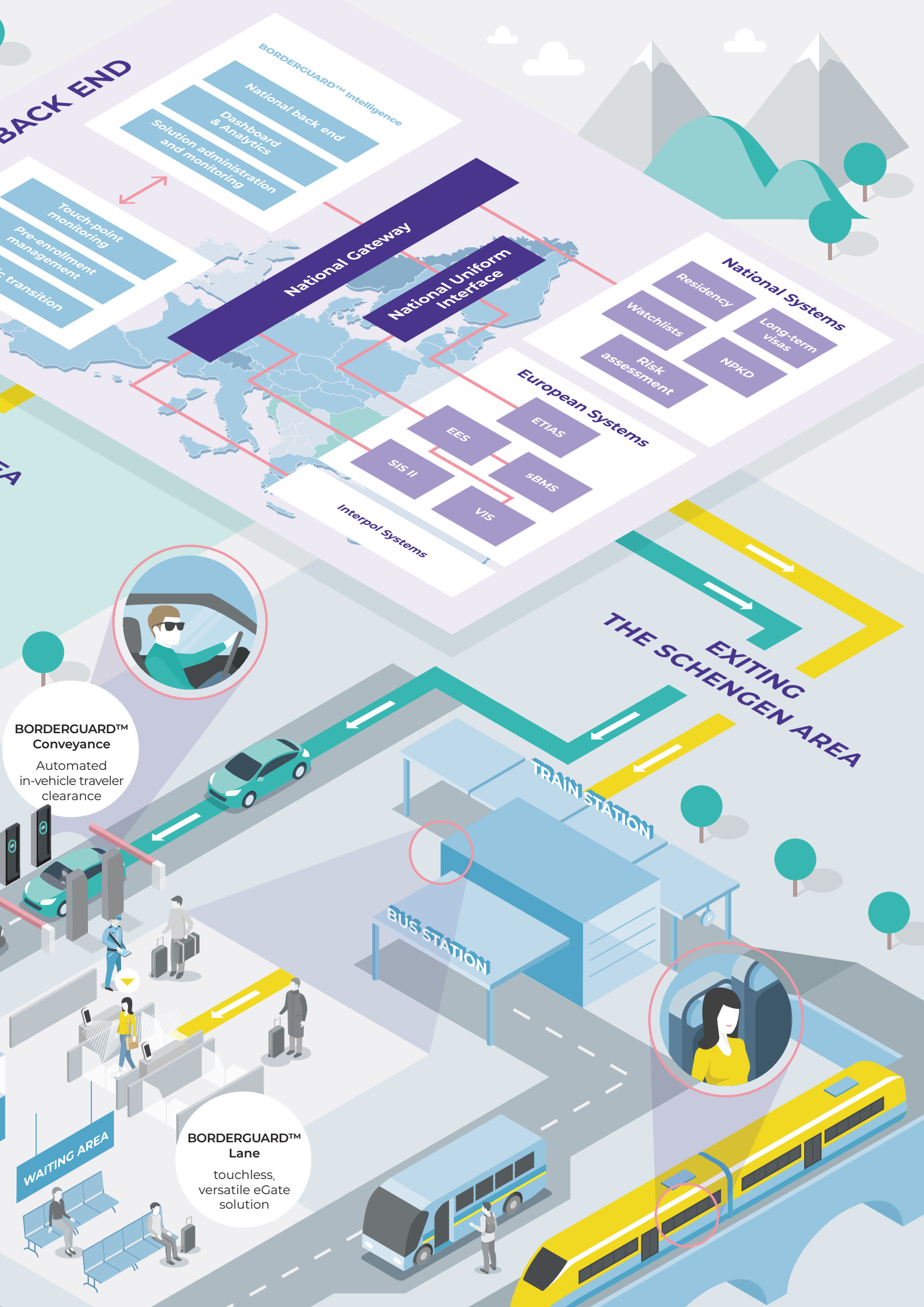
Beyond initial compliance, the long-term priority will be to ensure technology and services evolve hand in hand—delivering secure, efficient, and traveler-friendly borders.

IDEMIA Public Security is ready to support all Member States with a comprehensive portfolio solutions, specifically developed to comply with the EU-EES regulations.

BORDERGUARD™ EU-EES

IDEMIA Public Security's suite of products and services supports the European Entry/Exit System in reaching its full potential. Let's discover how by following the journeys of two Third Country Nationals (TCNs) entering and exiting the Schengen Area.



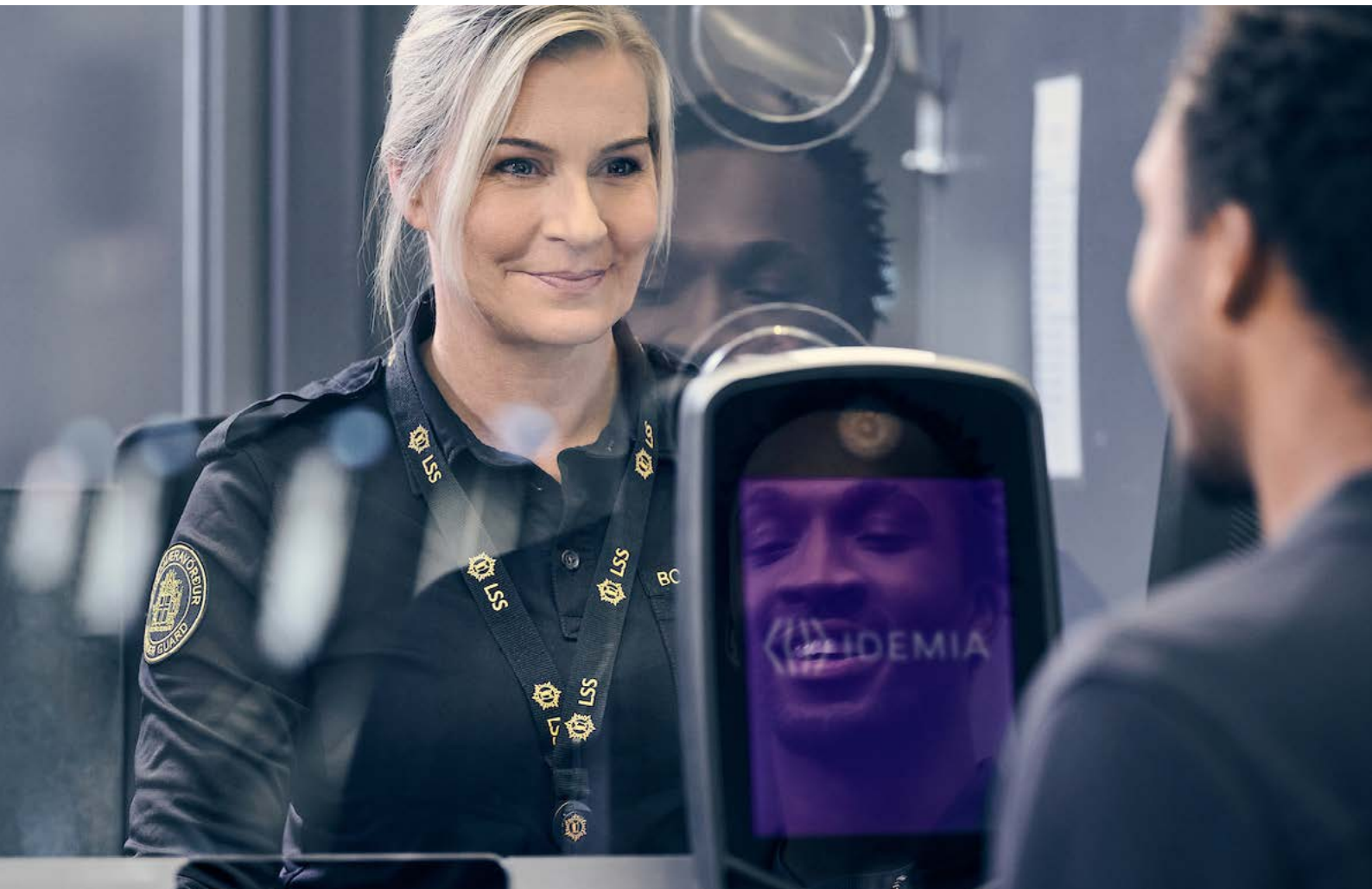


One-stop shop for secure, compliant, and convenient traveler clearance

The introduction of the European EES strengthens border security but also inevitably increases traveler processing times. Border agencies must therefore balance compliance with the need to optimize staff resources, streamline operations, and maintain a smooth traveler experience without unnecessary queues.

IDEMIA Public Security's portfolio of front-end solutions supports all border control strategies—manual, self-service, and fully automated—and accommodates every traveler profile, whether on foot, in vehicles, or in groups. By automating repetitive tasks and offering flexible clearance options, our solutions enable border guards to focus on their core mission while ensuring secure and efficient processing.

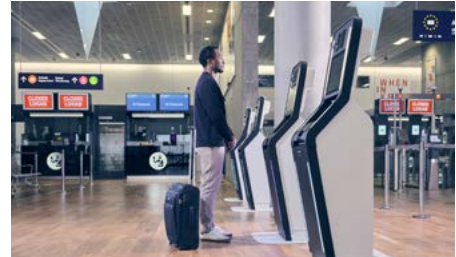
Because every border environment is unique, IDEMIA Public Security provides a wide range of adaptable solutions tailored to air, land, and sea border clearance. Combining advanced biometric technologies with intelligent supervision systems, our solutions maximize throughput, optimize resource allocation, and minimize waiting times—all while embedding fraud detection (including Presentation Attack Detection) and biometric quality checks in line with eu-LISA requirements.



Fixed solutions

BORDERGUARD™ Kiosk EU-EES

A multibiometric self-service kiosk enabling reliable immigration pre-checks prior to travelers' border crossing at a counter or eGate. It can also serve as a fully autonomous border clearance touch point, enhancing throughput.



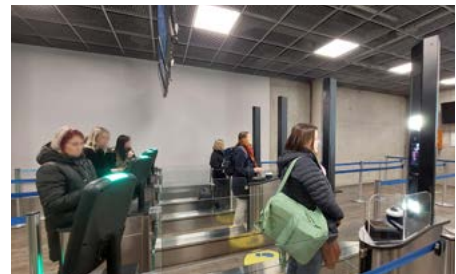
BORDERGUARD™ eCounter

A comprehensive and modular solution enabling border officers to perform all tasks efficiently, from data capture to identity verification, and informed decision making.



BORDERGUARD™ Lane

Designed in three distinct versions, this field-proven, multibiometric, fully automated border crossing solution offers high processing capacity for all traveler profiles—enhancing throughput and improving passenger convenience without compromising security.



BORDERGUARD™ SmartLane

This innovative solution enables real-time facial identification of individuals and groups without stopping. Whether deployed pre-border for early risk screening, at the border for trusted traveler processing, or post-border in customs zones, it adapts dynamically to the environment and threat level.



BORDERGUARD™ Conveyance

A breakthrough solution engineered to adapt to operational realities—such as diverse infrastructure layouts, traveler categories, and vehicle types—offering a comprehensive approach to secure, efficient, and fully automated in-vehicle traveler processing.



Mobile solutions

BORDERGUARD™ Capture SDK

A multibiometric solution designed to equip mobile border units with fast and accurate identity verification capabilities—anytime, anywhere. Easily integrated into existing agency applications, it is available in three configurations to meet diverse operational requirements.



Tablet and portable case

Handheld tablets or portable, ruggedized suitcases that give border guards the flexibility to perform biometric enrollment and identity verification anytime, anywhere. Purpose-built for field operations, these mobile solutions enable secure, on-the-spot checks and support adaptation to evolving operational needs.



Monitoring solutions

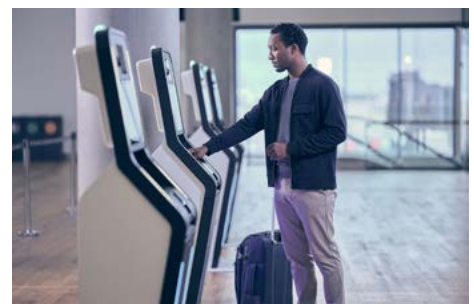
BORDERGUARD™ Supervisor

Available in both centralized and decentralized configurations, this modular and scalable software solution provides border guards with a consolidated overview of traveler data, checks, and clearance results at ABC gates—enabling them to focus on alerts and exception management.



BORDERGUARD™ Dashboard

Leveraging cutting-edge, open-source commercial-off-the-shelf modules, this software solution enables comprehensive management of both fixed and mobile equipment, as well as IT infrastructure deployed at borders. By delivering real-time alerts and operational reporting, it ensures that critical systems consistently operate at peak performance.



Biometric devices

MorphoWave™ TP

A unique biometric solution offering contactless, on-the-move ten-fingerprint capture—four fingers simultaneously and a thumb—in any direction with a simple swipe of the hand.



MTop Slim

The smallest sensor of its kind for simultaneous four-fingerprint capture and matching, featuring highly accurate, integrated fake-finger detection.



MFACE™

A walk-through solution featuring multi-face capture with high matching accuracy and advanced anti-spoofing capabilities. It operates using ambient light and requires no height adjustment.



BORDERGUARD™ Totem

Intuitive and ergonomic, enabling fast, accurate capture of frontal, illuminated, and tightly framed facial images at eye level—accelerating the clearance process at immigration counters.





Person-centric, scalable, modular border management system

BORDERGUARD™ Intelligence

An efficient border control solution requires a stable and reliable backend to ensure the continuous management of borders. At the heart of this lies the Entry/Exit System (EES), which typically relies on external data sources such as national and international watchlists, visa databases, and population registers.

Interoperability is essential to connect these different information sources and to expedite the clearance process. Enhancing the EES with a biometric search engine further increases its efficiency and accuracy.

IDEMIA Public Security's BORDERGUARD™ Intelligence helps governments transition from a document-centric to a person-centric approach. Powered by our state-of-the-art biometric engine, this EES provides deeper insights into travelers' movements and enables border guards to make more informed decisions based on a traveler's complete profile.



Anticipated, targeted, actionable risk assessment system

BORDERGUARD™ Targeting

An efficient risk assessment system is a true game changer in border decision making. By processing and analyzing passenger data ahead of the journey, it enables governments to anticipate risks proactively. This data may be collected from carriers as well as from pre-clearance questionnaires and forms completed by travelers. Such an approach allows border guards to concentrate on individuals who present a genuine risk—without disrupting the journey of bona fide travelers.

BORDERGUARD™ Targeting covers all critical steps of effective passenger data management. It empowers government agencies to better understand, detect, and identify suspicious travel patterns among individuals presenting themselves at the border.



A complete set of services

IDEMIA Public Security provides a comprehensive set of services covering every stage of projects' lifecycle — from design and build to run, maintain, evolve, and innovate—that help border authorities anticipate risks, deploy seamlessly, and operate with confidence.

- **Design & Build services** ensure projects are aligned with operational needs and regulatory requirements, while reducing the risks of integration and deployment delays.
- **Run & Maintain services** safeguard day-to-day reliability through managed services, monitoring, corrective and preventive maintenance, and lifecycle upgrades — keeping systems efficient and compliant even as passenger volumes grow.
- **Evolve & Innovate services** provide the flexibility to introduce new features, pilot emerging technologies, and adapt to future border control needs without disruption.
- **Supporting services** such as training, manpower, and CSR initiatives strengthen operational capabilities, ensure inclusivity, and optimize the use of resources.

By combining technology leadership with proven service delivery, IDEMIA Public Security acts as a one-stop partner.

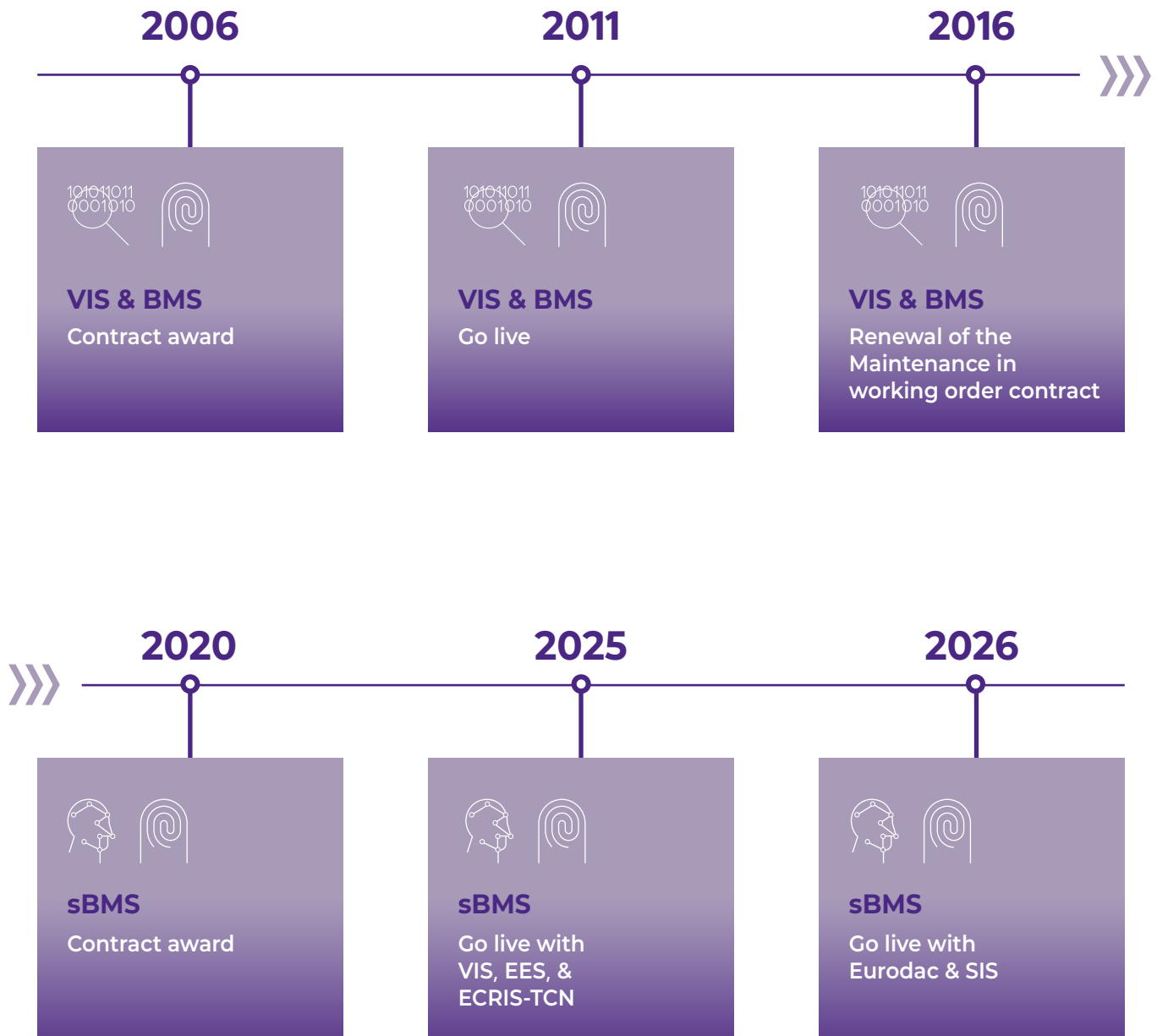
Our approach supports every land and sea border environment and all traveler categories, from pedestrians to vehicle passengers.

This ensures that security, compliance, and operational performance go hand in hand, while delivering a smooth and efficient traveler experience.



Supporting the Schengen Area in protecting its external borders

As a longstanding partner of European institutions and governments, IDEMIA Public Security has been supporting the European Union for over 20 years in managing mission-critical IT systems to strengthen security within the Schengen Area.



In addition to the shared Biometric Matching System (sBMS) provided to eu-LISA, IDEMIA Public Security has been selected by nine Member States to strengthen security at their borders and comply with the European Entry/Exit regulation.



150+

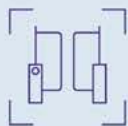
air, land, and sea
border crossing
points equipped





SECURING

Securing border crossings with 1,000+ pieces of equipment and biometric devices deployed in the field



70+
eGates



500+
kiosks



240+
eCounters

ENHANCING

Enhancing border management at the national and European levels



**European
sBMS**

400M+

Third-Country
National database
records available to
the 29 Member
States



**National
Entry/Exit System**
three Member States

Unlock the world, **make it safer.**