

ICELAND

# A comprehensive border management system for Iceland's air and sea border crossing points

IDEMIA supports the transformation of Iceland's border control system to ensure that it complies with the European Entry/Exit System

---

# Needs & challenges

---

**The European Entry-Exit System (EU-EES) legislation will soon change the way people travel to and around Europe. Since 2019, Iceland, a Member State of the Schengen Area, has been working to implement a new Entry/Exit System (EES)—in compliance with EU-EES regulations.**

The National Commissioner of the Icelandic Police (NCIP) and Isavia, operator of Iceland's airports, chose IDEMIA as the supplier and partner for the development and implementation of a comprehensive border management solution for all of their air and sea border crossing points. The new system will support Iceland's vision of providing the best experience to its visitors, and strengthening its border security.

## Adapting to new EU-EES challenges

By 2022, EU-EES regulations will require that the alphanumeric data and biometric data for face and fingerprints of Third Country Nationals (TCNs) be captured and identified at Schengen Area external borders. This measure aims to secure the external borders of the Schengen Area, notably by recording traveler entry/exit movements, and detecting overstays.

Prior to Covid-19, Iceland had been experiencing a 20% increase in annual air traffic. The country wants a solution to help manage the increased passenger flow and peak loads in Iceland's main airports, as well as the 30 seaports defined as external sea border crossing points. The country's main international airport, Keflavik, processes 95% of the non-EU traffic that passes through Iceland.

With all of these factors in mind, the NCIP and Isavia envisioned upgrading Iceland's border control system with best-in-class biometrics and state-of-

the-art technologies. In 2020, the NCIP and Isavia selected IDEMIA to roll out this project.

## A comprehensive way forward

Iceland is among the earliest countries to transform its border control system to comply with the EU-EES regulations. Iceland's new system, based on IDEMIA's **Augmented Borders™ solution**, leverages IDEMIA's border control expertise to strengthen border security and optimize passenger flow.

---

**Providing a faster and safer border clearance process at airports and seaports.**



## A modular, scalable EES

IDEMIA's Augmented Borders Central System will ensure continuous interaction between the EU-EES and the National Uniform Interface. This is key to streamlining the border guard decision-making process and speed up the border clearance process for bona fide travelers.

To complement the EES, a local Multi-Biometric Search Services (MBSS) will be implemented. MBSS is IDEMIA's core engine for fast and accurate multi-biometric identification.

## A full set of biometric equipment

IDEMIA will equip Icelandic border crossing points with its **TravelKiosk™ EU-EES**, the latest generation of user-centric multi-biometric self-service kiosks. It offers **fast and accurate** traveler data capture, allowing reliable immigration pre-checks and a faster border clearance process. As a result, waiting time is reduced for travelers and border guards are able to focus on their core tasks. One of the features that make IDEMIA's TravelKiosk™ unique is that it uses a tilting camera to perform full frontal face acquisition. This approach will make the most efficient

use of the space in Iceland's airports and helps reduce noise pollution.

IDEMIA will also provide Iceland with **TravelLane™** Automated Border Control (ABC) gates to streamline passenger throughput. Both the gates and the kiosks will be monitored by IDEMIA's **MorphoMaestro™** supervision solution.

In addition, IDEMIA will supply modular manual counters, a smartphone app and all-in-one, multi-biometric suitcase to adapt to different border crossing points configurations. Not only will this meet NCIP requirements but will also help **shorten response times** and **improve coordination**.

## A win-win partnership for border management

Iceland's new system will be operational from 2022 at four airports and 30 seaports. It will manage an average up to 7.5 million travelers per year. IDEMIA is pleased to have the opportunity to partner with the NCIP and Isavia, and use our technology to assist them in achieving their goal of increased security and convenience for travelers.

# Transforming border control **with biometrics**

[www.idemia.com/our-vision-eu-entryexit-system](http://www.idemia.com/our-vision-eu-entryexit-system)



All rights reserved. Specifications and information subject to change without notice.  
The products described in this document are subject to continuous development and improvement.  
All trademarks and service marks referred to herein, whether registered or not in specific  
countries, are the property of their respective owners.

Join us on     

[www.idemia.com](http://www.idemia.com)