



HID Global Helps Estonia Deliver State-of-the-Art ePassport

The Estonian Police and Border Guard Board (PPA) is a unified national governmental agency that ensures Estonia is a safe place to live, work and visit. Its workforce of 5,000 employees preserves law and order, investigates and prevents crime, guards the country's borders, conducts sea rescues and manages the issuance of the country's identity documents.

CHALLENGE

The government of Estonia is recognized worldwide as a pioneer of electronic identity services. It aspires to achieve the highest technical and quality standards. To continue delivering on this commitment and value proposition, the PPA was seeking a solution for a state-of-the-art ePassport design and supporting software that would integrate into its existing systems.

KEY REQUIREMENTS INCLUDED

- An automated approach with enhanced security
- Improved ePassport security features that captured the essence of the country's national identity
- A solution to address the rigorous quality requirements and long-term expectations for all seven ePassport types



Estonian Police
and Border Guard Board

SOLUTION

PPA selected and partnered with HID Global to deploy a high-caliber solution that consisted of an updated ePassport booklet with a host of enhanced security features. HID also provided three software modules that seamlessly integrated into the Estonian government's existing identity management and X-Road® systems, which met their stringent requirements for:



- **Personalization** — Receives captured and verified identity data from the citizen application for the personalization of the booklet. Includes secure chip encoding, encryption and a printed QR code to check the passport's validity.
- **Quality Assurance** — Provides inline and manual quality assurance as the booklet moves through the personalization system.
- **Inventory** — Tracks each booklet from the manufacturing facility to the conclusion of the personalization process. Includes a comprehensive reporting suite to monitor process, quality and inventory.

RESULT

The government of Estonia is now equipped with a modern ePassport issuance system that enhances its existing processes, meets the country's rigorous standards, combines the best in security features and accurately showcases Estonia's rich culture and heritage.



"Estonia took a significant step forward with the new passport project, introducing the identity document which binds the history, present and future of Estonia as a cohesive design and tells the story of Estonia in the world," said Eliisa Sau, chief expert of the PBGB Identity and Status Bureau. "With the project, not only was the design changed, but the first ever polycarbonate datapage was introduced together with new technology and semi-automated personalisation process." HID will provide an estimated 800,000 ePassports over the course of the eight-year contract.

Solutions:

- ePassport booklets with industry-leading security features
- Personalization, Quality Assurance and Inventory Management software modules

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North America: +1 512 776 9000 | Toll Free: 1 800 237 7769
Europe, Middle East, Africa: +44 1440 714 850
Asia Pacific: +852 3160 9800 | Latin America: +52 (55) 9171-1108
[For more global phone numbers click here](#)

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