Polish Government Selects HID Global's DigitalPersona® Fingerprint Readers to Strengthen Security on EU National ID Cards

BUSINESS CHALLENGE: POWERING BIOMETRIC NATIONAL ID CARDS

In 2019, the European Parliament, the law-making entity of the European Union (EU), passed Regulation (EU) 2019/1157 to strengthen security on the identity cards that member countries issue to their citizens and permanent residents — and make it easier for people to travel between EU member states.

In particular, the Regulation introduced minimum standards for the information and security features contained on the IDs, which must now:

- Ensure interoperability by complying with machine readability specifications developed by the International Civil Aviation Organization (ICAO)
- Incorporate biometric data — including a facial image and two fingerprints — for cardholders aged 12 years and older

Countries must also ensure user privacy by establishing a data protection framework with specific safeguards. These safeguards proved to be a challenge for some governments — including Poland, whose Chancellery of the Prime Minister discovered that many vendors who had responded to its Request for Proposal (RFP) could not either deliver fingerprint readers with sufficient security for protecting biometric data, or could not meet the compliance deadline.

CASE STUDY

BUSINESS SOLUTION: A DURABLE, HIGH-PERFORMANCE FINGERPRINT READER

Available for prompt delivery to ensure the Polish government met its impending deadline for Regulation compliance, HID's DigitalPersona® 5300 fingerprint reader turned out to be perfect for the task – a perfect fit for this pressing national issue. Designed to satisfy the high-volume requirements of large-scale civil ID enrollment and authentication, the DigitalPersona 5300 offers superior image quality and a Fingerprint Acquisition Profile (FAP) number — FAP30 — that complies with the industry-proven FBI image quality standards.

The reader also complies with ICAO security requirements and includes advanced Presentation Attack Detection (PAD) technology for detecting spoofs and counterfeits. Its durable design and high-performance construction are ideal for high-use environments, while its Software Development Kit (SDK) powers fast, secure infrastructure integration.

BUSINESS IMPACT: HIGH QUALITY ON A TIGHT TIMELINE

Within just 40 days, and in spite of the global pandemic, HID together with its integration and distribution partners, MBA System and Koncept-L, delivered 7,450 readers to over 2,000 cities across Poland — an average of 10 to 15 days faster than the contract specified.

Polish citizens can now use these readers to confirm their trusted identities and capture fingerprints for their new ID cards within a few seconds. Those who are unable to go into an office in person can also take advantage of mobile enrollment options, as the DigitalPersona readers are now integrated into the mobile computer stations used by many Polish municipalities.

By the end of 2021, according to government estimates, around 117,000 citizens will have received their new ID cards. In 2022, nearly two million more will join them. In addition to the convenience of being able to travel within the EU without carrying a passport, card holders are also assured that their identities are kept secure and their biometric data protected.

>> Discover our full portfolio of single fingerprint readers at https://www.hidglobal.com/products/readers/single-finger-readers

HOW HID DELIVERED VALUE

- DigitalPersona fingerprint readers deliver superior image quality while meeting strict EU data security requirements
- These high-performance readers were deployed to 2,475 locations within just 40 days
- Through the fast and convenient image capture process, it only takes a few seconds for Polish citizens to enroll their fingerprints
- Advanced Presentation Attack Detection (PAD) technology can detect spoofs and reject counterfeit fingerprints
- The readers' durable, water resistant glass platen is ideal for deployment in harsh and high-volume environments

HID
hidglobal.com

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

© 2021 HID Global Corporation/ASSA ABLOY AB. All rights reserved.

2021-12-13-eat-polish-biometric-id-cs-en PLT-06340
Part of ASSA ABLOY