

## Press release

### **Iceland turns to the secunet PKI solution**

***[Essen, Germany 12 September 2017]* Electronic travel documents in Iceland will soon be authenticated using a Public Key Infrastructure (PKI) by secunet. Following the contract award from the Registers Iceland in May of this year, the system will be used from Q4 2017 for inspecting and issuing identity documents.**

Border controls at airports can be carried out more efficiently using electronic identity documents. Highly secure, certificate-based authentication solutions are used as a means of reliably checking the authenticity of documents, and for preventing manipulation and unauthorised access. A Public Key Infrastructure (PKI) is required to generate and manage certificates, and in future Iceland will work with the secunet eID PKI Suite to provide this type of cutting-edge border control infrastructure. The system is also used to issue electronic passports.

The contract covers delivery and configuration of the secunet eID PKI Suite and supply of Hardware Security Modules, as well as installation and configuration of the entire system. System service and maintenance for the next few years are also included.

The project will kick off with the supply of core components for the national PKI, consisting of Country Signing Certification Authority (CSCA), Country Verifying Certification Authority (CVCA) and Document Verifying Certification Authority (DVCA).

In order to allow inspection of travel documents from different countries, a National Public Key Directory (N-PKD) will then be set up for the management and provision of basic information needed to verify the authenticity of electronic travel documents. The N-PKD forms the national counterpart to the Public Key Directory (PKD) of the ICAO (International Civil Aviation Organisation), which provides information needed for global interoperability between electronic passports. A Single Point of Contact (SPOC) will be provided in the course of the



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project, as a communication interface for the exchange of certificates on an international level.

Together, these elements create a high-performance background system for issuing, managing and checking official documents. There is also an option to expand the system by adding components, such as a PKI for eID and eSign functions for the planned national identity card.

In addition to PKI solutions, secunet also offers other tools for border control infrastructures. For example, secunet eGates – automated border control systems which reduce entry and exit times – have been in use at Keflavik Airport in Iceland since this summer. The product range also includes secunet biomiddle, a biometric middleware, as well as client solutions for inspection of electronic identity documents at border control. secunet border control systems and the eID PKI Suite are in use in Germany and beyond, including Latvia, Norway, Austria, Switzerland, and Czech Republic.

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### About secunet

secunet is one of the leading German providers of high-quality IT security. Over 400 experts work in the areas of cryptography, eGovernment, business security and automotive security, and develop innovative products in these fields in addition to highly secure and reliable solutions. secunet has more than 500 national and international customers, with many DAX companies among them, as well as numerous authorities and organisations. secunet is an IT security partner to the Federal Republic of Germany and a partner of the German Alliance for Cyber Security. secunet was founded in 1997 and achieved revenues of 115.7 million euros in 2016. secunet Security Networks AG is listed on the Prime Standard of the German Stock Exchange.

Further information can be found at [www.secunet.com](http://www.secunet.com).

