

## Press Release

# DERMALOG enables secure access to electronic passports

The German Federal Office for Information Security has certified DERMALOG's "ePassport MRTD-API" inspection software. The innovation leader in biometrics thus offers a secure and reliable solution for checking electronic ID documents.

**Hamburg, December 18, 2017** – Thanks to biometrics, official documents are better protected against counterfeiting. For example, passports today not only consist of visible authenticity features such as holograms or imprints, but also an RFID chip. Portrait photos or fingerprints of the passport holder can be stored on the chip and, if necessary, verified – for example at a border check.

For secure access to the chip data, DERMALOG has developed the "ePassport MRTD-API" software, which verifies the authenticity of the stored information. "ePassport MRTD-API" uses the latest security mechanisms such as Extended Access Control (EAC). They protect the relevant data from unauthorized access.

Now the German Federal Office for Information Security (Bundesamt für Sicherheit in der Informationstechnik, BSI) has certified the DERMALOG solution according to the guideline "TR-03105". The BSI confirms the reliable functioning of the software and the compliance with the strict requirements of the International Civil Aviation Organization (ICAO). "ePassport MRTD-API" is being used with the DERMALOG VF1 All-In-One scanner. The device captures not only fingerprints but also identity documents or airline tickets.

In early 2017, BSI certified the latest generation of the DERMALOG ZF1 fingerprint scanner according to the "TR-03121" guideline. The device also passed the review for "Mobile ID" of the Federal Bureau of Investigation (FBI) a few weeks ago. The FBI recently issued additional certificates for DERMALOG's fingerprint scanners F1 and Palm 3. This means that all devices meet the highest standards worldwide.



Joachim Weber (center), Head of Certification and Standardization at the German Federal Office for Information Security (BSI), hands over the certificate for the "ePassport MRTD-API" software to Manuela Tiedemann and Marco Zamponi of DERMALOG.

## About DERMALOG:

DERMALOG Identification Systems GmbH with head offices in Hamburg is Germany's pioneer for biometry and the largest German manufacturer of biometric devices and systems. One of the shareholders in DERMALOG is the state-owned German "Bundesdruckerei".

DERMALOG employs a team of scientists who continuously develop biometric identification systems (so-called "AFIS" and "ABIS" systems), including cutting-edge fingerprint scanning devices. The product portfolio is complemented by biometric border control systems, biometric ID cards and passports as well as biometric voting systems. "FingerLogin", "FingerPayment" and "FingerBanking" are also solutions developed by DERMALOG, as are systems for automatic face and iris recognition.

As well as Germany and Europe, the main markets of DERMALOG are in Asia, Africa, Latin America and the Middle East. To date, the company has provided its technologies and solutions to more than 220 large scale installations in more than 80 countries.

In addition, DERMALOG offers biometric solutions for banks and for the manufacturers of automated teller machines. This includes the largest biometric banking project worldwide (USD 50 million), which was delivered by DERMALOG (the so-called "BVN Project"): 23 banks and the Central Bank of Nigeria were provided with DERMALOG's ABIS, which prevents double identities among bank customers by means of finger and face recognition and guarantees the best possible biometric identification of customers (KYC) for these banks. Furthermore, many ATMs across the globe have been equipped with DERMALOG's fingerprint technology.

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