

Press Release

8.5 million Matches – just in the blink of an eye.

The DERMALOG “Iris Matching” scores with accuracy and convenience.

The biometric Iris Solution by DERMALOG provides the speed of more than 8.5 million Matches per second, certified by the SGS-TÜV Saar. In working with digital iris images the Iris Recognition shows a precision that is made for using with large-scale data sets. Collected iris images and worked out details (templates) serve for registration, verification and identification.

Hamburg, 18.05.2017 The leading German multi-biometrics provider and system integrator DERMALOG has applied for certifying the quality of his “Iris Matching”. The certification of SGS-TÜV Saar indicates for the speed: the Iris Matching achieves more than 8.5 million “Matches” per second on a single blade including 40 CPU-cores.

DERMALOG managing director Günther Mull says: *“Identification and verification of individuals by means of iris characteristics demonstrates a high accuracy. In addition, this biometric technology is contactless, therefore very hygienic and requires very little maintenance. Especially large installations like national ID databases, customs authorities and Border Control facilities benefit from fast and reliable solutions.”*

Furthermore, the DERMALOG solution supports a series of infrared iris cameras. Amongst other things infrared lighting provides that in recordings of eyes of dark colour - sufficient details are visible. Additionally the photography can be taken without extensive preparation time and from a longer distance. Günther Mull: *“The DERMALOG Iris Recognition software is able to process recordings of poor quality. The Iris Recognition is a future-proof technology for biometric data matching – an innovation Made in Germany.”*



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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 and Biometric ID cards and passports as well as Biometric Voting Systems. "FingerLogin", "Finger- Payment" 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 200 large scale installations in more than 80 countries.

In addition, DERMALOG offers biometric solutions for banks and for the manufacturers of Automatic Teller Machines. This includes the largest biometric banking project world-wide (USD 50 million), which was delivered by DERMALOG (the so-called "BVN Project"): 23 banks and the Central Bank of Nigeria were provided with DERMALOGs 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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MADE IN GERMANY

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