

Press Release

The next level of secure Identification

DERMALOG revolutionizes multi-biometrics with real-time recognition

With its Automatic Biometric Identification System, the Hamburg-based company DERMALOG provides the next level of secure identification. It compares multiple biometric features simultaneously and sets new records in matching speed.

Hamburg, July 2, 2018 – Biometric identification methods are already present in many areas of our everyday lives, whether for passport control at the airport or for unlocking mobile devices such as smartphones and tablets. However, often only one biometric feature – either fingerprint or face – is checked. Solutions that check different features are much more secure and more accurate. DERMALOG provides such a solution with its Automatic Biometric Identification System (ABIS).

To identify a person, DERMALOG ABIS combines the matching of fingerprints and faces. For even more accuracy, the system can also check the eyes, or more precisely, the irises. Beside its multi-modal capabilities, also the speed of DERMALOGs ABIS is outstanding: It can compare up to 3.6 billion fingerprints, over 1 billion faces and 25 million eyes per second. DERMALOG's high-speed ABIS is the first system to enable real-time biometric recognition when matching large databases. SGS-TÜV Saar recently confirmed the system's speed records.



With its Automatic Biometric Identification System (ABIS) DERMALOG provides a solution, which compares multiple biometric features in record time

“With DERMALOG ABIS we position ourselves once again as an innovation leader and provide the next level of secure identification,” says DERMALOG CEO Gunther Mull. The system is already in use worldwide, for example, in banking, border controls and issuing of official documents such as ID cards, passports and driver’s licenses.

For more information about DERMALOG, visit www.dermalog.com.

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 220 large-scale installations in more than 80 countries.

Also, DERMALOG offers biometric solutions for banks and 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.



Contact us

Press and Media Relations
+49(0)40 413 227 0
info@dermalog.com

Receive further information
on our company website
www.dermalog.com

Head Office

DERMALOG Identification Systems GmbH
Mittelweg 120
20148 Hamburg
Germany

Berlin Office

DERMALOG Identification Systems GmbH
Kronenstrasse 1
10117 Berlin
Germany

Malaysia Office

DERMALOG ABIS Asia Sdn Bhd
8-4, 8th Floor, Bangunan Malaysia RE
No. 17, Lorong Dungun
Damansara Heights
50490 Kuala Lumpur

Philippines Branch Office

DERMALOG Identification Systems GmbH
7/F Unit B 8 Rockwell
Hidalgo Drive, Rockwell Center
Makati City 1210
Philippines

Singapore Office

DERMALOG Singapore Technical Services Pte. Ltd.
Southbank
883 North Bridge Road, #17-02
198785 Singapore

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