

Press Release

DERMALOG: World leader in facial recognition

The biometrics manufacturer DERMALOG has developed the world's fastest facial recognition. It matches 1 billion faces per second. The SGS-TÜV Saar has now certified the system's outstanding speed.

Hamburg, May 24, 2018 – Ever since smartphone companies offer facial recognition as a PIN alternative, it has been present in everyday life. In other areas such as access control the biometric method has been used for many years, and the field of application is expanding continuously. At the same time, the demands on facial recognition systems are increasing. For example, large amounts of data must be processed in the shortest possible time. DERMALOG's facial recognition sets new standards. It can compare up to 1 billion faces per second – a world record. For matching all 511 million citizens of the European Union, the system would need just a split second. SGS-TÜV Saar has tested the DERMALOG solution and confirmed its outstanding speed.

The TÜV experts had already certified a speed record for the company's fingerprint recognition: The DERMALOG system can compare up to 3.6 billion fingers per second. "These outstanding achievements are the result of decades of research and make us the innovation leader in the most important fields of biometric identification," says DERMALOG CEO Günther Mull. "The fact that multiple biometric features can be compared in record time also proves our leading role in multimodal biometrics, which is becoming increasingly important."



Facial recognition in record time: The DERMALOG solution can match 1 billion faces per second.

Multimodal biometric systems allow the simultaneous matching of several biometric features such as fingerprints, faces and eyes. This makes them much more accurate than solutions that only check a single feature. DERMALOG's Automated Biometric Identification System (ABIS) combines multimodal biometrics and high-speed recognition in one solution.

For further information, 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.

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