

# DERMALOG

THE BIOMETRICS & SECURITY  
INNOVATION LEADER



Corporate Profile

Founder and CEO of DERMALOG  
Günther Mull, pioneer in biometric research and development



## Let the Future Start Today

### The Biometrics and Security Innovation Leader

DERMALOG Identification Systems is an international market leader in the field of biometric identification systems. As a pioneer in the development of biometric products and solutions, DERMALOG has shaped the world of security for over 25 years – revolutionizing biometric security products for law enforcement, civil governmental agencies like national registration, voter and driver registrations, health agencies, security agencies and for access and data security, authorization and authentication services as well as for mobile security. Governmental organizations as well as public and private businesses all over the world are trusting DERMALOG's expertise.

DERMALOG products are the ultimate solutions for the identification and verification of the unique individual. They ensure personal identification without mistake. Biometric systems are changing our lives and creating a new security standard. Convenience and security will no longer be a contradiction. With DERMALOG's cutting-edge products and solutions deployed in numerous large-scale projects around the globe, a safer world is no longer a vision.

## Our Location

DERMALOG is based in Hamburg, Germany, having its own in-house research and development facilities, OEM and marketing departments. Following a rapid expansion, subsidiaries were established in Kuala Lumpur, Malaysia and Singapore. DERMALOG Asia coordinates the sales and marketing activities in the Asia Pacific region. This subsidiary also provides special support for existing installations in the Asian market.

DERMALOG's expertise is trusted by Governmental organizations as well as public and private businesses all over the world. Today DERMALOG is the largest German biometrics manufacturer and among the leading and most renowned biometric manufacturers worldwide. DERMALOG has set up 250+ large-scale biometric installations around the globe.

## Growth and Stability

DERMALOG is the pioneer of biometrics in Germany and the country's largest AFIS manufacturer and a leader in the international market of biometric identification systems. As a forerunner in the development of biometric products and solutions, DERMALOG has shaped the world of security for over 25 years.

## Customized, Individual and State- of-the-Art Solutions

Individual needs require customized solutions – from the development of individual hardware or software components up to complex applications.



# More than 25 Years of Experience in Biometrics

More than 250 biometric experts work at the DERMALOG headquarters in Hamburg in specialized teams led by highly qualified engineers. They constantly work on developing and advancing a wide range of biometric products. These have set new standards and are in many cases highly customized in order to meet customers' requirements.

The DERMALOG staff is characterized by outstanding know-how and high intercultural competence, allowing them to create systems that exactly meet all technical requirements and are adapted to any cultural and environmental condition. Thus, DERMALOG's focus is not limited by local or country-specific conditions. Due to its worldwide activity, DERMALOG is familiar with all requirements on every continent. The strongly

committed and dedicated DERMALOG professional teams of researchers and maintenance engineers in Hamburg and around the world have helped to establish DERMALOG as one of the technology leaders in biometric identification systems worldwide. DERMALOG has registered a considerable number of patents for biometric methods.

DERMALOG forms a project management team specifically for each individual project to ensure the success of its development and installation. All customers' and business partners' needs are closely monitored and catered for.





# Automated Fingerprint Identification System

The DERMALOG AFIS is the company's core product and the result of more than 25 years of experience in the development of Automated Fingerprint Identification Systems. It is used in large-scale governmental applications as well as in small and medium-sized companies and multinational enterprises all over the globe.

The DERMALOG AFIS is recognized for very fast matching in large-scale fingerprint databases. The software allows the processing of almost one billion matches per second while maintaining the highest accuracy rates.

The DERMALOG AFIS runs on standard hardware platforms and common operating systems. It is available in modules for very large installations as well as for small laptop-based systems.

The DERMALOG AFIS fulfills international biometric standards (ANSI/NIST) and is used for law enforcement and civil applications all over the world.



# Fingerprint Scanners

DERMALOG's wide range of fingerprint scanners offers the perfect solution for any situation or need, from the small and cost-effective single fingerprint scanner F1 to the world's first combined scanner for fingerprints and passports – the VF1.

The best possible image quality along with the highest reliability and security – in combination with the selection of SDKs available, DERMALOG live fingerprint scanners are the right choice for professional demands.



VF1



LF10



ZF10



ZF 2



ZF1



ZF1+



F1

DERMALOG's fingerprint scanners conform to international standards. With their liveness detection and ability to be used with wet and dry fingers they are the most secure and versatile choice available.

DERMALOG's fingerprint scanners deliver images that are suitable for usage within AFIS applications, which is proved by the certificates received.

# Smart Border Control

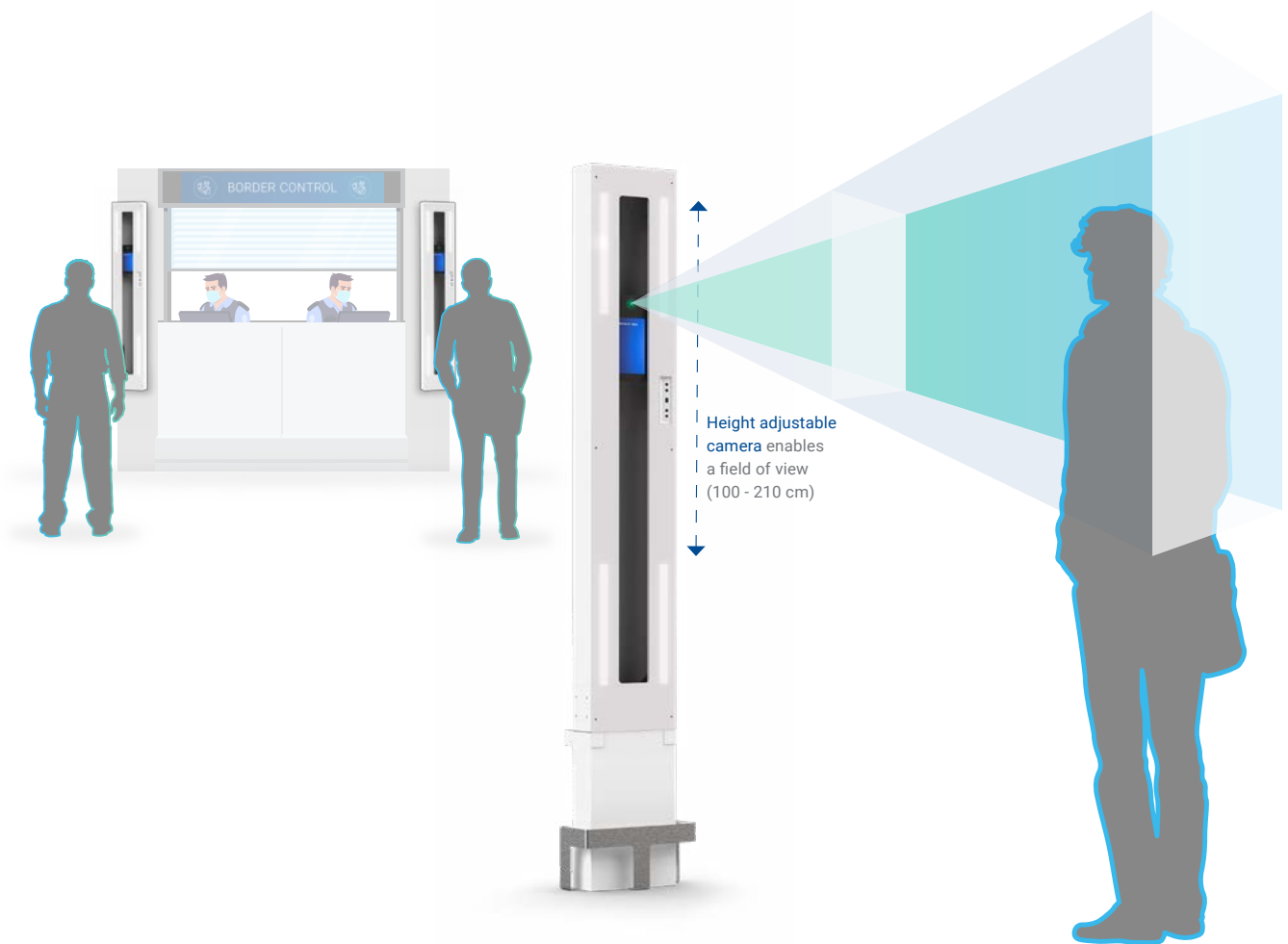
DERMALOG Smart Border Control contains the latest and most efficient border control technology. Due to the system's modular design, it can easily be adapted to customer-specific requirements. Interfaces, logistic structure concepts and software modules are available to connect with all authorities involved in border control. In addition, an essential part of this all-in-one solution is DERMALOG's provision of project management, training, installation and continuing support and service. This way DERMALOG succeeds in meeting the high requirements and standards of border control authorities.

DERMALOG offers a wide range of hardware modules for the DERMALOG Smart Border Control. It is an open

system that can be used with various passport and document readers as well as many other components such as automatic gates.

The DERMALOG Smart Border Control is designed to read, identify and verify the following documents:

- ICAO standard passports (other formats optional)
- Visa
- Identity cards / RFID chips with biometric data, such as photo (face) and fingerprint
- 2D PDF417 barcodes, containing biometric or other data
- Arrival / departure cards and tickets
- Biometric traveler information





## Biometric Documents

DERMALOG offers a complete range of high-security documents with integrated biometrics, such as passports, ID Cards, personal identity cards, driver's licenses, health insurance cards and other identification documents or certificates.

The fingerprint saved on DERMALOG Biometric Documents and/or in the form of a 2D barcode in connection with "private public key data" architecture creates the most modern and forgery-proof solution for document production and verification systems. Due

to this well-engineered and indispensable technology, DERMALOG can look back on successful implementations of Biometric Documents worldwide, which were delivered according to special customer requirements.

In addition, DERMALOG can provide state-of-the-art hardware: health insurance cards as well as fingerprint live scanners adapted to special application requirements.

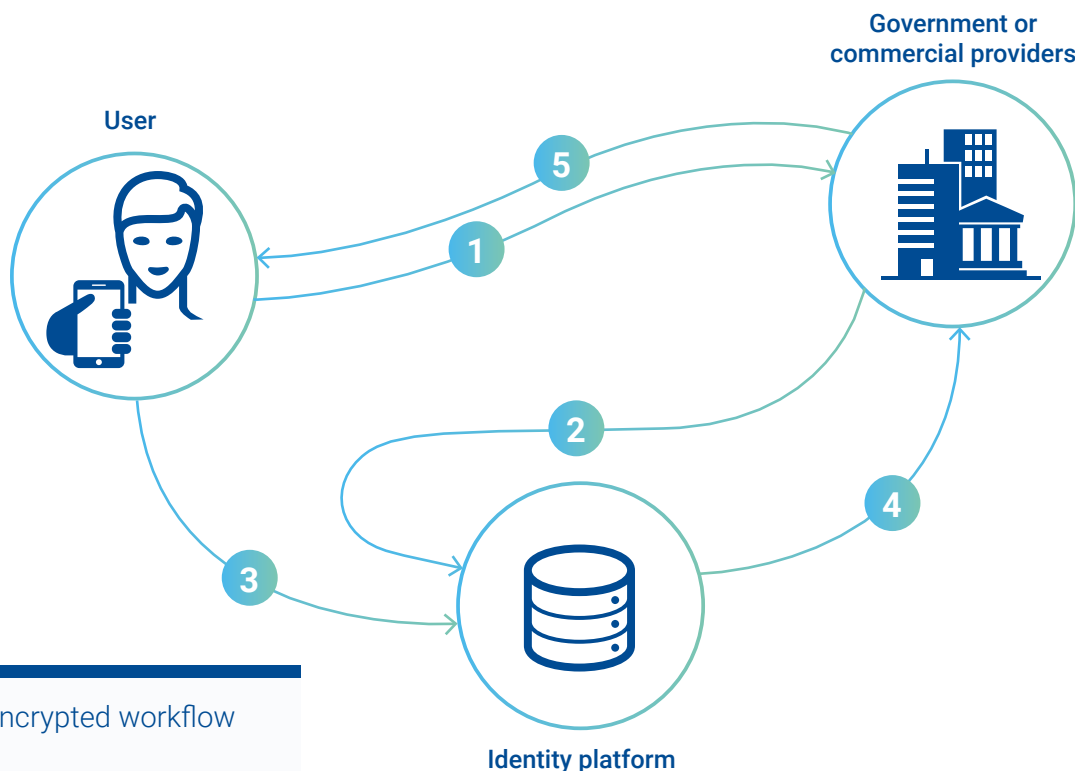


# DERMALOG Cyber Security – Protecting your unique data

Already today, large amounts of sensitive data are being sent digitally. Using biometric identification and artificial intelligence, DERMALOG ensures that authorized persons can only access these data. DERMALOG Cyber Security also provides encrypted data transfer with public key infrastructure (PKI).

The DERMALOG solution not only enhances user convenience but also benefits providers by reducing the cost and expense of complex registration and verification processes. DERMALOG Cyber Security offers both public institutions and private companies with entirely new ways to interact with citizens and customers.

## Secure access to any trusted service



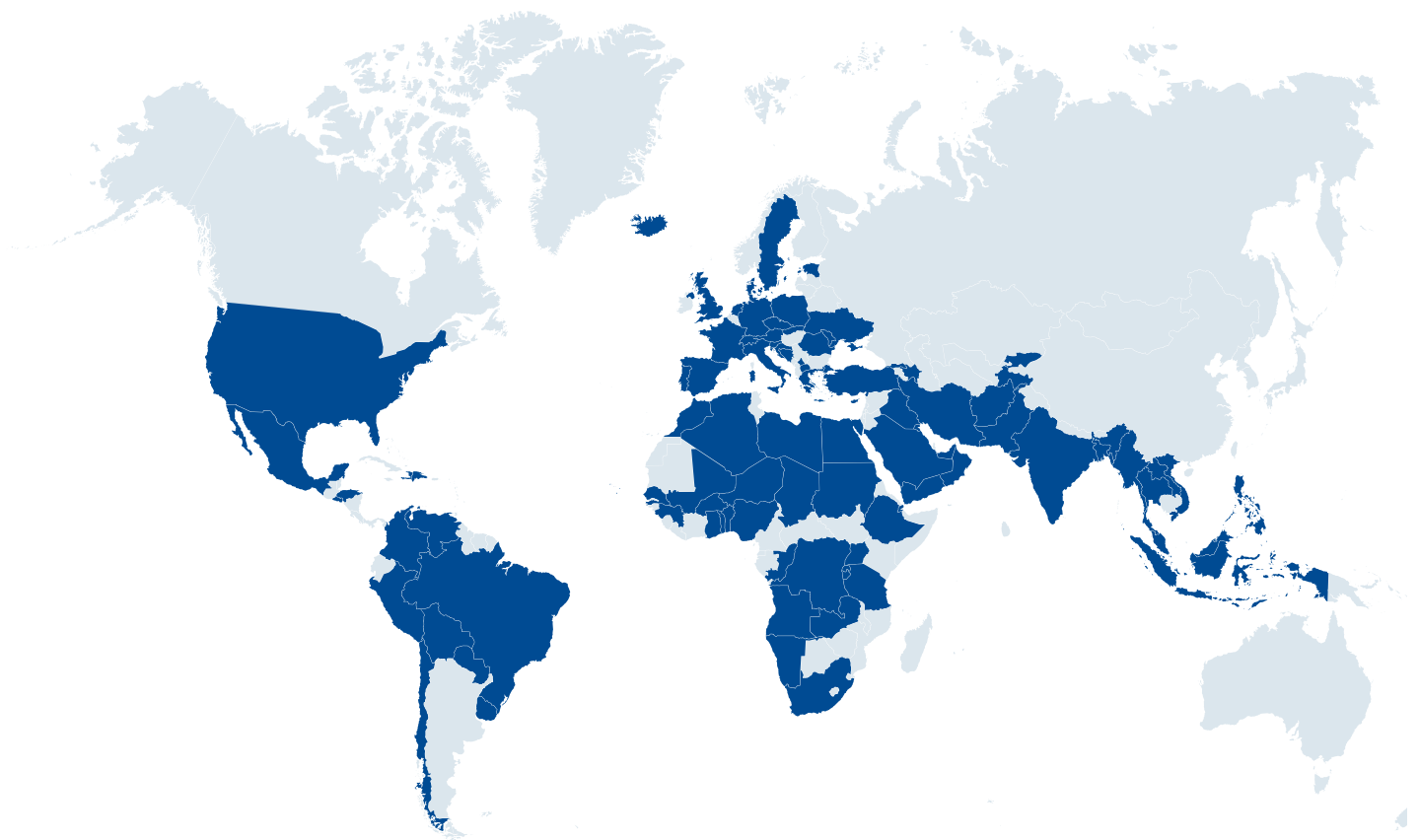
### PKI-encrypted workflow

1. Request
2. Request for clearance
3. Biometric verification
4. Confirmation of identity
5. Clearance

# Worldwide Network & Installations

DERMALOG is one of the leading companies in the field of biometrics. This fact is not only based on our innovative range of services and the expertise and

motivation of our employees, but also on the satisfaction and loyalty of our customers. For this, we would like to express our gratitude.



## 250+ Large Scale Installations in 100+ Countries

All DERMALOG products have proven to be the best in security, accuracy and speed. DERMALOG provides complete products as well as development kits for system integrators. Combined biometric products and

extension modules are available as well. Decades of experience, the wide range of products and last but not least the fact that DERMALOG is the original manufacturer always guarantees customer satisfaction.

## More information:



### Request an appointment

Get advice from our skilled sales team

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