

Contactless identification

Enabling security  
for everyone.



# LEGIC

For over 30 years, Swiss-based LEGIC IdentSystems has enabled companies from around the world to deploy solutions with demanding security requirements.

Based on key management, trusted services and secure, contactless semiconductors, the LEGIC Security Platform provides end-to-end security for smartphone- and smartcard-based access, mobility, shared resource and industrial IoT applications.

[www.legic.com](http://www.legic.com)

# LEGIC

Pioneering since 1992

## LEGIC Partner Network

30 years of experience

Made in Switzerland


In use by more than  
**100 000**  
companies & institutions

Over  
**300**  
partner companies around the world

More than  
**150 Mio.**  
users worldwide use LEGIC Security platform



With offices and subsidiaries in Germany, Great Britain, China and the USA



We enable secure interactions between people and things.



Your Users



You



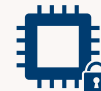
Your Infrastructure



Smartcard ICs and  
Mobile Software Kits



Security Management Tools and  
Software Services



Security Modules

## LEGIC Security Platform

LEGIC's mission is to provide our partners with sophisticated and proven solution components for secure, convenient and efficient interaction between infrastructure devices and users.

### Easy Integration

The LEGIC Security Platform consists of several components with simple and well documented interfaces allowing individual parts to be integrated into existing systems and solutions. The components ensure secure and reliable authentication and communication applications that fulfill the latest security standards.

### Control and Ownership

The security architecture of the LEGIC Security Platform has been designed to give customers maximum control over the security of their applications. The security relevant elements and keys remain in the possession of the customer at all times.

### Smartcards and Smartphones

In order to make applications as user-friendly as possible, the LEGIC Security Platform has been developed and tested for both smartcards (RFID 13.56 MHz) and smartphones (Bluetooth® Smart, NFC). The platform unifies and greatly simplifies the use of these different technologies.

## Application Areas



### Enterprise

For more than 30 years, numerous companies - including banks, airports and large international corporations - have trusted us with their company IDs for e.g. electronic access control, canteen payment, printer management and virtual PC login.



### Hospitality

Access solutions for hospitality: LEGIC offers end-to-end encrypted mobile key solutions for smartphones as a secure medium for hotel lock-smiths and their hotel chains.



### Government

Secure administration in public administration. High security with simultaneous simplification of ID card administration: Perfectly equipped for eGovernment.



### Mobility

In mobility services such as sharing, fleet management or e-charging networks, the use of LEGIC technology enables secure data exchange with customers via smartcards or smartphones.



### Campus

All campus applications, from payment to access control, are user-friendly thanks to LEGIC technology, with scalable security and convenient integration of smartcards and smartphones.



## LEGIC Partner Network

In more than 300 LEGIC partner companies, countless specialists work on a multitude of ID systems and applications, combining valuable expertise and know-how.

LEGIC promotes the exchange and synergies between these specialists, resulting in many projects and valuable business opportunities.



Manufacturers of readers  
and ID media



System Integrators



Consultants



System Operators



### Smart City

LEGIC technology can be used in public transport, parking garages, residential complexes or in Smart Infrastructure and IoT applications thanks to an extensive partner network in the Smart City environment.



### Smart Living

LEGIC supports digitization in the areas of home, supply and energy management as well as self-determined living with technology that enables intelligent and convenient solutions.



### Industry 4.0

In the future project „Digitization of industrial production“, we help open up new potentials of networking people, products, machines, systems and companies.



### Health Care

From inpatient care to the optimization of non-medical processes: our technology offers a wide range of applications in safety relevant IoT solutions for the healthcare sector.



### Logistics

Globalization, sustainability, cost pressure - terms that are difficult to match. With efficient solutions, we make our contribution to enabling companies to achieve profitable growth in this area of conflict.



## Services

### Support

As a LEGIC partner you will receive competent and individual support for our products and services.

### Engineering

Our team of experienced field application engineers can help you build and continuously improve your applications.

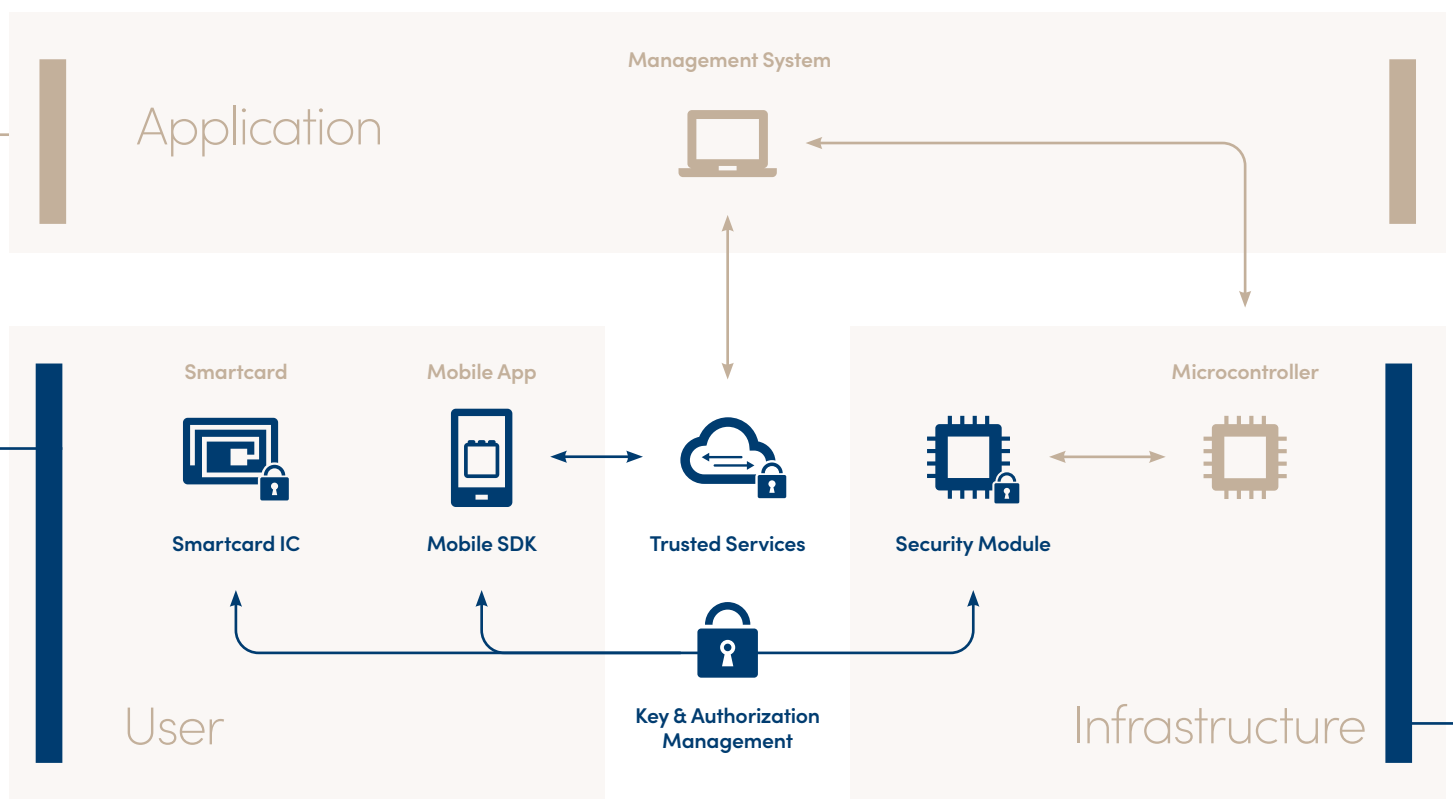
### Development Tools

Development tools help you to develop your readers, ID media and mobile solutions in a time- and cost-efficient way.

# Your Application

With LEGIC's technology and our professional support, you can easily add secure authentication and communication to your application and benefit from the many advantages of our Security Platform.

The modular structure allows you to tailor your application to your needs. Compatibility with industry standards provides the best prerequisites for a successful integration.



## Smartcard ICs

LEGIC smartcard ICs use advanced encryption methods and can easily be configured for multiple applications per card. They are compatible with ISO 14443, ISO 15693 and the LEGIC RF standard.



## Mobile SDK

The LEGIC Mobile SDK is an easy-to-integrate software library that lets you quickly create a mobile app for secure ID and IoT applications. It enables the exchange of data that are end-to-end encrypted.



## Software Service



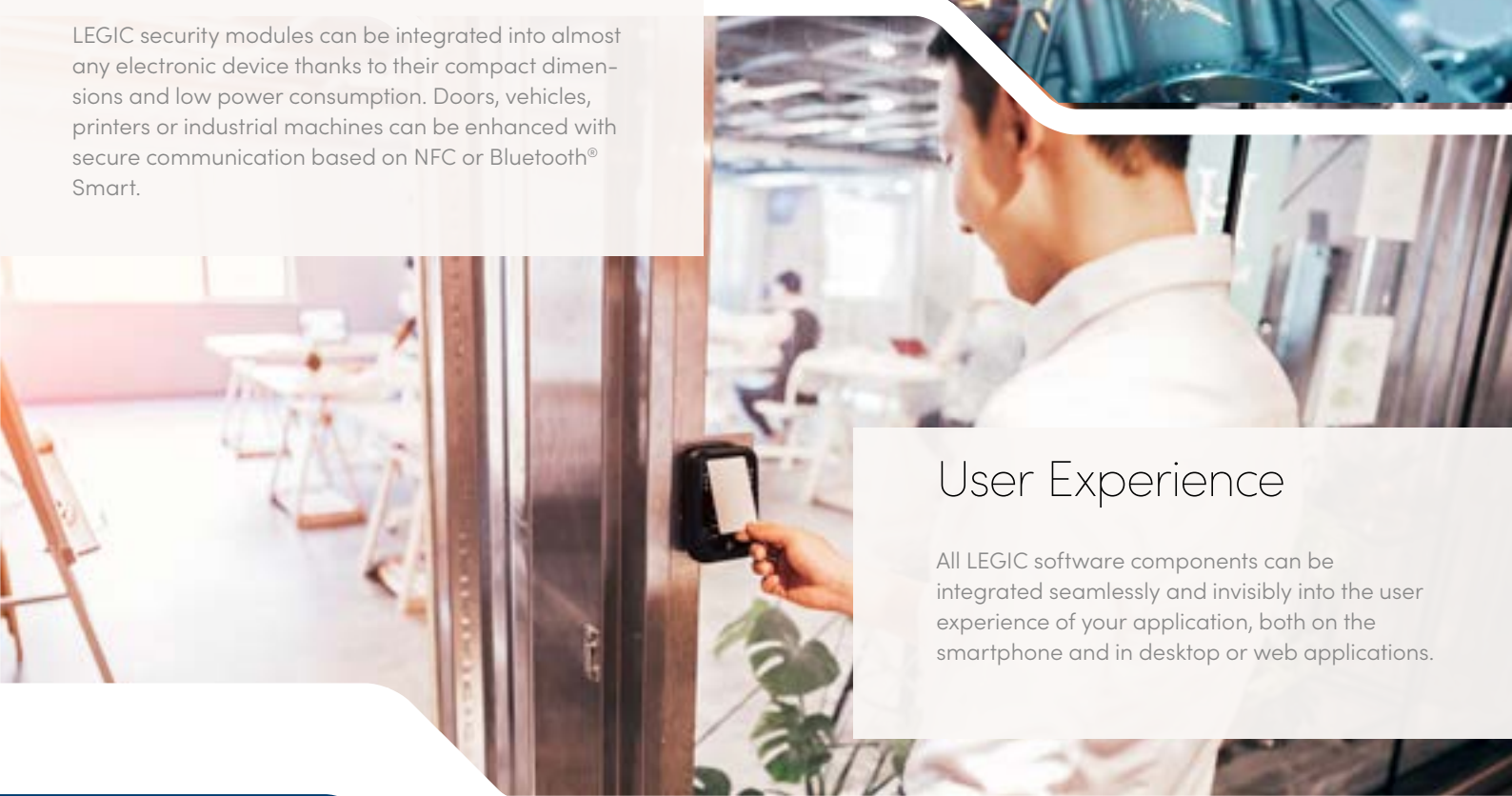
## LEGIC Connect / Trusted Service

With the highly scalable LEGIC Trusted Services, ID rights can be instantly delivered to mobile phones. Thanks to its simple API, LEGIC Connect and LEGIC Connect Go can be integrated into all management systems and provides connectivity to your mobile device users.



## Individual Infrastructure

LEGIC security modules can be integrated into almost any electronic device thanks to their compact dimensions and low power consumption. Doors, vehicles, printers or industrial machines can be enhanced with secure communication based on NFC or Bluetooth® Smart.



## User Experience

All LEGIC software components can be integrated seamlessly and invisibly into the user experience of your application, both on the smartphone and in desktop or web applications.



**LEGIC MTSC**

The patented LEGIC MTSC (Master-Token System-Control) is a globally unique security and authorization solution for contactless RFID applications based on physical tokens.

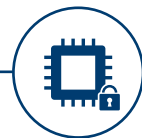


**Management Tools**



**LEGIC Orbit**

LEGIC Orbit enables the generation of random and never visible cryptographic application keys. Together with further reader configuration data, these keys can be securely distributed worldwide.



**Security Modules**

LEGIC security modules are compatible with common RFID standards, NFC and Bluetooth® Smart. They are designed to be energy-efficient for use in battery-powered infrastructure and comply with highest quality requirements.

# LEGIC

Enabling security for everyone.



Learn more about our products and services at [www.legic.com](http://www.legic.com)

Follow us on [LinkedIn](#)



## Flexibility

We tailor our platform to suit you. We know from experience that every project is different, and that each customer has their own requirements. Flexibility is therefore our guiding principle: You are free to choose the features you want.



## Simplicity

ID systems are highly complex. We strive to make your design as easy as possible. We are just as uncomplicated as our solutions. As LEGIC customers, you will receive expert advice and support via our well-rounded consultancy service.



## Scalable Security

With the unique LEGIC Orbit and Master-Token System-Control, your system's security is in your hands. Instead of insecure passwords, control of your system is linked to secure smart devices based on Hardware Root of Trust.



## Investment Protection

Rely on our strong network. You have a long-term approach, and so do we. You should not have to worry about the future of your mobility system. As part of a solid partner network, you can rely on a team to protect your technology investment.