



security. connected.

# Greater IT security in the digital world

## Your partner for IT security

achelos is a manufacturer-independent software development and consulting firm. Since 2008 we have been tackling the particular security challenges of the digital world. We develop solutions and provide services for use in security-critical fields of application. These include comprehensive expertise in the areas of consulting, development, testing and compliance.

With IT security as our basis, we focus on the following market segments:

- health** Digitalised care – securely connected in the healthcare system
- industry** Secure key management and security engineering for maximum cyber security in the connected industry
- public** Cyber attacks on digital identities are increasing dramatically – security portfolio for critical infrastructures
- payment** Optimal payment solutions for a secure future in digital payment transactions
- connect** Security in a connected world – subscription and connectivity management

## Step securely into the digital world

achelos supports companies and organisations in every aspect of their transition to digitalisation. For the development of your secure and certifiable IT solutions, we offer an extensive range of products and services:



## Our portfolio:

- **Consulting** by experienced **security experts**
- **Development** of certifiable software according to the **security by design** principle
- Support with **acceptance tests and auditing** according to relevant standards
- Automated **test suites** and high-performance **simulations**
- Intelligent **solutions for industry-specific requirements**
- **Certified partner products** in the area of public key infrastructures (PKI) and hardware security modules (HSM)



## achelos provides solutions and services for

- Evaluators and certifiers
- ISO 27001 testing centres
- Trust centres
- Producers and users of
  - Security-critical application software
  - TLS stacks
  - IoT devices
  - Smart cards
  - Network components
- Service providers in the eIDAS environment
- Software houses
- System operators
- IT departments

## Our benchmark: ultimate IT security

achelos consistently develops IT solutions according to the security by design approach. With qualified expert knowledge and pronounced technology expertise in the fields of cryptography and security, we work with great motivation on making the digital future a bit more secure each day.

## The benefits for you?

- Significant quality assurance savings  
User-friendly products and solutions
- The expertise of recognised Common Criteria experts
- Many years of experience in creating automated test suites
- Domain expertise in the field of network security (TLS and IKE/IPsec)

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We help our customers implement legal and individual security requirements in stable, user-friendly and sustainable solutions.

This starts with consulting, continues through our development with security by design, and ends with flexible, high-performance solutions for the customer.

Our customers and partners include state institutions, private companies, and organisations with security requirements for digital applications. Our ideas and solutions have already been used in many national and international projects.

**achelos is certified to ISO 9001, ISO 27001 and Common Criteria.**

