



IT security in the digital world at it's best

achelos is a leading specialist supplier of manufacturer-independent, high-performance products, solutions and services in security-critical fields of application.

We have been catering to the special security requirements on the international market with excellent products, solutions and services for more than ten years. Our baseline is security and achelos is focused on this main segments:

security Security by design and as a cross-sectional function – We develop products and customer-specific solutions

health Interoperability and co-existence of secure healthcare networks

mobility Mobile and digital – two trends with rapid growth require secure IT solutions

public Cyber attacks on digital identities are increasing dramatically – security portfolio for critical infrastructures

IoT Security in a networked world – subscription and connectivity management by achelos IoT

security. connected.

achelos develops and operates highly specialised products, solutions and services for security-critical application fields. Customers benefit from specific know-how, as well as bundled, requirements-based areas of expertise along the entire process chain of planning, development, testing and implementation.

Our expertise in the field of embedded security has been delivered into many national and international projects.

Expert knowledge

Specialists with a wide range of competencies in cryptography and security technology

Target markets

Security, healthcare, mobility, public and IoT

Portfolio

Products, solutions, services (consulting, testing), embedded security product development partner

Focus

General security-related topics and industry solutions for the international market

Customers | Partners

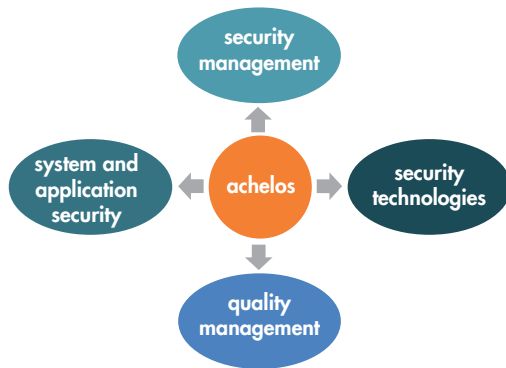
Governmental institutions, private companies and organisations that require solutions for security-critical fields of application



SecurITy

Trust Seal
www.teletrust.de/itsmig

made
in
Germany



Security offering at a glance

Security management

- IT security concept policy
- Definition of security requirements
- IT security architectures
- IT security organisation and processes
- Risk analyses
- Supporting CC evaluation and CC certification
- Audit-standard documentation

Special security technologies

- Public Key Infrastructure (PKI)
- Single Sign On (SSO)
- Smart cards
- Security token

System and application security of

- Smart cards and smart card terminals
- Hardware security modules (HSM)
- Mobile terminals
- Web server infrastructures
- Client/server systems

Quality management

- Testmanagement platform
- Testing as a Service (TaaS)

Our benchmark is state-of-the-art IT security

achelos consistently develops products and solutions in line with the „IT Security by Design“ approach. Customers benefit from specific know-how, as well as bundled, requirements-based areas of expertise along the entire process chain of planning, development, testing and implementation.

With qualified expert knowledge and pronounced technology expertise in the fields of cryptography and security, we are highly motivated to make the digital future a little more secure every day.

achelos offers products and solutions for

- Evaluators
- ISO 27001 test centers
- Manufacturers of security-critical applications
- Manufacturers of TLS stacks
- Manufacturers of IoT devices
- Device manufacturers, such as Smart Meter or Smart Meter Gateway manufacturers
- Software houses

The benefits for you!

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

Consulting and security test suites for critical infrastructures

Together with partners, achelos offers customers from the critical infrastructure sector a full-scope service for implementation of the IT security compliance objectives, such as implementation as per ISO 27001, sector-specific IT security standards or general security requirements (based on recommendations from the German Federal Office for Information Security (BSI)).

In line with the German government's IT security legislation, this affects all sectors with supply relevance in which failures could lead to dramatic consequences for society at large, the economy and the state.

- End-to-end testing, holistic and multi-dimensional testing
- Technical guidelines (BSI)
- Certificate handling
- PCI 3DS
- Secure coding

- Pentesting
- GDPR
- ISO 27000
- ISMS
- Common Criteria
- eIDAS
- Cryptography/PKI
- Security by Design