



PKI System Consulting

Cyber security for connected solutions in industry and traffic

Security Consulting

by achelos

Security under one roof

Cyber security based on public key infrastructures forms the basis for the intelligent connectivity of devices, machines and products, whether in the industrial environment for the digitalization of processes (Industry 4.0) or in the development of future connected transport and traffic solutions.

As your consulting partner, achelos offers comprehensive services for the development of new public key infrastructures or the migration of existing ones, from system planning to system provision and secure operation.

In doing so, we take into account your application-specific requirements and standards as well as your existing processes and certifications, e.g. according to ISO 27001 or IEC 62443, in order to design an optimal, individual PKI solution with you.

Excellent consulting

The achelos team is made up of recognized security and technology consultants who have implemented projects worldwide. Our technical experts are there to advise you in every phase of your project.

During the system planning:

- **Requirements management:**
Capturing and managing your functional, technical and organizational requirements
- **Security consulting:**
Security objectives, threat scenarios and risk analysis, role models and certificate profiles
- **Solution architectures:**
Planning the expansion of your IT, PKI architecture, migration, availability, and backup
- **Project management:**
Planning and ensuring the success of the project
- **Proof of Concept**

Planning

Delivery

Commissioning

Operation



During the system delivery:

- Customer-specific integration of the registration and validation instances to connected system components
- Support with system installation and configuration
- Training of the operating and the administrative staff

During the system commissioning:

- Quality assurance through acceptance tests
- Documentation
- Hand-over of the PKI solution into operation

During the secure operation:

- English and German-speaking support
- PKI administration (managed services)

Established partner products

In addition to consulting, we provide you with the complete public key infrastructure. As a vendor-independent provider, we work with established manufacturers of PKI and HSM products.

This way, you receive a complete solution consisting of consulting, software and hardware which is perfectly tailored to your individual needs. In addition, we offer German-language support, also at your premises.



For a secure future

We help our customers to transform statutory and individual security requirements into stable, user-friendly and sustainable solutions.

This starts with the consultation, then continues with "Security by Design" through our development and ends at our customers' disposal as flexible and efficient solutions.

achelos focuses on security-related topics worldwide in the fields of Health, Industry, Public, Payment and Connect segments. Our customers and partners include private companies, government institutions and organisations.

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

