



PKI System Consulting

Cybersecurity for intelligent networks through digital identities

Security under one roof

Secure digital identities are the foundation for the intelligent networking of devices, machines and IT systems – whether in the digitalisation of processes in the industrial or public sector, the development of connected mobility solutions, or the establishment of Zero Trust architectures within corporate networks. This secure networking is enabled by the use of Public Key Infrastructures (PKI).

Partnering with achelos for consulting services grants you access to a comprehensive suite of solutions for implementing new or transitioning existing public key infrastructures. From initial system planning to deployment and secure operation, we guarantee a smooth transition process.

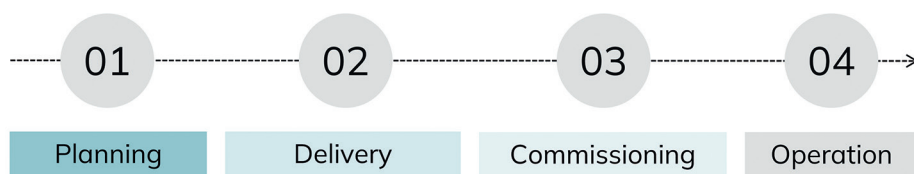
We meticulously tailor the PKI solution to your application-specific requirements, standards and certifications, including ISO 27001 or IEC 62443, while incorporating your invaluable input throughout the development process.

Excellent consulting

The achelos team is made up of experienced and certified IT 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 engineering:**
Recording and managing your functional, technical and organisational requirements
- **Security consulting:**
Recording of security objectives and security requirements, threat scenarios and risk analysis, role models and certificate profiles
- **IT solution architecture:**
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**





Established partner products

Beyond consulting, we offer end-to-end supply of the entire public key infrastructure. As an independent provider, we collaborate with trusted manufacturers of PKI and HSM products.

This approach guarantees the delivery of a solution customised to your specific needs, comprising consultancy, software and hardware components. Moreover, we provide German-language support, with the option for on-site assistance at your location.

During the system delivery:

- Customised system integration of registration and validation instances with connected system components
- Support with system installation and configuration
- Training: Training of operational and IT administration staff

KEYFACTOR

utimaco®

MTG

THALES
Building a future we can all trust

nexus
INGROUPE

securosys

During the system commissioning:

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

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.

During the secure operation:

- German-speaking support
- PKI Administration / Managed Services

Our customers come from the industry, healthcare, public and digital payment sectors. They all benefit from our holistic approach - from consulting to certification and secure operation.

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

