

Safe investment for the future

The verification system provides a modular and easily extendable architecture.

Each module contains a series of domain-specific rules and regulations for relevant technical requirements specification documents.

Verification modules for special domain-related purposes:

■ Core Component:

Certificate Verifier – verifies digital certificates on specification conformance

■ Optional components:

PAdES Verifier – verifies the electronic digital signature in PDF documents

XAdES Verifier – verifies the signatures in XML documents

ASiC Verifier – verifies electronic digital signatures in digital archives

Our objective: maximum IT security

achelos consistently develops products and solutions in line with the „IT Security by Design“ approach. Customers benefit from our specific know-how as well as from our extensive requirement based competencies along the entire process chain- from planning and development, to testing and implementation. With our expertise and extensive technical know-how in the field of cryptography and security, we are committed towards making the digital future more secure.

achelos offers products and solutions for

- Evaluators and certifiers
- Test houses for ISO 27001
- Trust centers
- Manufacturers of
 - security-critical application software
 - TLS stacks
 - IoT devices
 - chip cards
 - network components
- Service providers in the eIDAS environment
- Software companies
- System operators
- IT departments



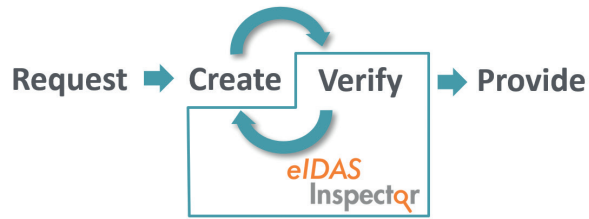
Verifies digital signatures in electronic certificates and documents

eIDAS Inspector

Security
made in Germany

Trust Seal
www.teltrust.de/itsmig





Highly flexible, modular and fully automatic

The eIDAS Inspector was developed by achelos as a response to the requirements defined in the European Regulation (EU) No. 910/2014 (eIDAS Regulation). The product is designed for the European market and is aimed at:

- Trust Centers
- Certification Authorities
- End users

The test system is used to verify:

- Digital certificates and seals
- Electronic signatures
- Time stamps
- Other electronically signed documents, e.g. signed XML files (XAdES), signed PDF files (PAdES) or signed data containers (ASiC)

Simple solution for complete test coverage

The eIDAS Inspector can check and tackle verification and quality assurance tasks automatically. The innovative test system validates signed data on the basis of pre-defined specification requirements and generates a machine-readable test result via REST interface. Trust Centers benefit from the recursive quality assurance and clearly save time on identifying erroneous data.

For more security and quality

The test system is used as a supporting testing tool in certification processes, for process-accompanying output control (e.g. in trust centers) or for verifying digital authorisation documents at the end user.

The eIDAS Inspector strengthens communication security and the quality of data output through specification-compliant, secure identities and protects against business-critical reputation loss.

Our services

achelos offers comprehensive expertise for development, testing and certification for the European eIDAS Regulation.

Advantages at a glance

- Highly configurable and user-friendly test system
 - Batch processing
 - User-defined test requirements on the XML basis
- Supports the quality assurance process of a trust centers
- Supports established specifications for electronic signatures:
 - RFC 5280
 - CA/Browser Forum
 - eIDAS, PSD2
- Enables M2M communication through RESTful Interface
- Detailed test reports on the conformity of the tested guidelines
 - Fast and targeted error analysis
 - Output of Management Summary Reports
- Supports various input data:
 - Certificates
 - Seals
 - Electronic signatures
 - Time stamps
 - Electronically signed documents XAdES, PAdES, ASiC,...