Press release

TLS Smart Metering Inspector – new test suite from achelos

Professional certification support for smart metres and smart metre gateways

Fit for certification with achelos | Picture: ©adrian_ilie825, ©metamorworks, stock.adobe.com / Collage: achelos

Paderborn, June 17, 2021 – With the new TLS Smart Metering Inspector from achelos, manufacturers and testing centres can now test the security and conformity of software for smart metres and smart metre gateways efficiently and flexibly. The test suite has already been optimised to the requirements of the Federal Office of Information Security (BSI) and so offers optimal preparation for certification to BSI TR-03116-3.

Press release

Today's smart metre and smart metre gateway software needs to meet the toughest security requirements, as it handles personal and household data. For integration of the devices into the smart grid, these requirements are stipulated by TR-03116-3 from the BSI. The new smart metre test suite from achelos reliably complies with all the criteria of this guideline.

Efficient software development right from the outset

The TLS Smart Metering Inspector offers comprehensive, domain-specific tests for correct implementation and vulnerabilities in order to ensure the robustness of the software. What's more, the test suite impresses with a high degree of automation, simple integration into other systems, and an intuitive web-based user interface. Plus, detailed reporting and audit-compliant documentation guarantee traceability of the test execution. Integrated into the development environment right from the start, the test suite effectively prevents unnecessary iterations during certification.

Fit for certification

'We are very pleased to be able to offer customers and providers in the energy industry such a high-performance testing tool. Thanks to the high degree of automation and the simple operation of the test suite, the TLS Smart Metering Inspector enables them to make cost savings of up to 90 % and time savings of up to 85 % compared to manual test execution. Together with our many years of expertise in development, testing, and support in certification processes, this is how we get our customers ready for certification to relevant standards and common criteria,' explains Kathrin Asmuth, Managing Partner at achelos, speaking of the benefits of the new product offering.

Benefits for manufacturers and providers in the energy industry:

- BSI-compliant software development right from the outset

- High degree of automation

- Easy to operate

- Robust software

- Flexible use and integration

- Audit-compliant documentation

The TLS Smart Metering Inspector is available from achelos now. Further information: https://www.achelos.de/en/tls-smart-metering-inspector.html

achelos GmbH

achelos GmbH is a manufacturer-independent software development and consulting company based in Paderborn. Founded in 2008, the technology expert develops and operates highly specialized products, solutions and services that meet international security standards. In addition to general security-related topics, achelos focuses on global industry solutions in the Health, Mobility, Public and IoT segments. The company offers an extensive portfolio and expert knowledge in the areas of test tools and Testing as a Service (TaaS), and certification.
www.achelos.de | www.IoT.achelos.com

Press contact:
achelos GmbH | Silke Esser | Vattmannstr. 1 | 33100 Paderborn | Germany
M: +49 170 8725378| silke.esser@achelos.de