

Security testing as a service at RSA 2019

**achelos presents new business model for remote testing and
automated TLS and IKE/IPsec test suites**



San Francisco/Paderborn, March 4, 2019 – From March 4 to 8, achelos GmbH will be presenting security test suites, solutions and services at the RSA Conference 2019 in San Francisco (USA). The RSA has grown strongly in recent years and established itself as the leading international trade fair for IT security in the US and beyond. The security experts from Paderborn are exhibiting on the German Pavilion together with 22 German companies and institutions in the North Exhibit Hall D, booth 5671. The IT Security Association Germany (TeleTrusT) is initiator of the German participation and was selected to be part of political activities within the context of the German-American Friendship Year 2019 ("Wunderbar together").

The fear of cyber attacks is increasing

The Federal Office for Information Security (BSI) has reported a significant increase in the number of malicious program variants in the 2018 report on IT security in Germany. There are over 800 million malicious programs and around 380,000 new variants are added every day.

New remote testing service is fostering new business models

achelos introduces a new remote testing service at RSA. “By purchasing test days, the new business model can be used very flexible and cost-effective to prepare audits,” explains Kathrin Asmuth, managing partner by achelos, the new offer. A generic remote client interface makes it easy to adapt new test targets. A new display function of test aspects helps to quickly evaluate test results. Customers benefit from a growing number of available test cases and test suites, simple user administration and requirement for a local installation.

Visitors of the RSA can see the new remote testing solution from achelos live at the fair and convince themselves of the intuitive operation of the web services based user interface. The TLS remote Testing Service is based on existing standards and requirements and accelerates the execution of new tests.

Security aspects in IoT connectivity - German Panel Session 2019

How to architect and validate security aspects for IoT devices connected via mobile networks will be presented by Heinfried Cznotka, Director Business Development, achelos. The speech gives an overview of the security architecture, the security mechanisms and the challenges faced to guarantee the end-to-end security of the environment from the IoT

device to the remote provisioning software. The achelos expert will give an example of a vendor independent implementation requiring a more comprehensive security management.

Visitors to the RSA can experience the achelos test suites live at the booth and obtain more information on the following topics:

- **Testing as a Service (TaaS)**

Live demo: remote network security testing (TLS)

- **Critical infrastructures**

IT security consulting (GDPR, ISMS, B3S)

- **Common Criteria (CC)**

Services and test tools support CC evaluation

- **Qumate test framework**

The flexible test center from achelos supports and automates tests in application fields relevant to security.

- **EU eIDAS Regulation**

Expertise in development, testing and certification

About achelos GmbH:

achelos is a software development company and independent of manufacturers, which delivers innovative technical solutions covering conception, specification, development, integration and testing for micro-processor chips, security chips, and embedded systems in security-critical application fields. These include the ID card, the electronic health card, security in car-to-car communication, and public key infrastructures.

A key focus is security and prevention. achelos produces test concepts for conformity-assessment with technical specifications and BSI guidelines, and prepares evaluations and certifications according to security standards such as Common Criteria, PCI-DSS or FIPS. The quality assurance system Qumate.Testcenter, developed by achelos, is a powerful test-management tool suite for verifiable end-to-end security.

The team consists of recognized chip-card technology experts who have already designed, developed, and managed projects on a worldwide scale. References include electronic ID systems and electronic health cards, digital tachographs and driving licenses, smart cards for banking and the digital signature.

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Press Release



For more information about the German Pavilion at **RSA 2019**, go to:
rsac.german-pavilion.com

Photo: Secure TLS and IKE/IPsec network connections by testing protocol robustness and implementation | Image source: @achelos GmbH, @Karin & Uwe Annas - stock.adobe.com

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