Press Release

achelos

achelos Presents Extensive Security Portfolio
for Critical Infrastructures
at it-sa 2018 in Nuremberg

IT Security Compliance Consulting and Remote Testing
– new product and service offer from achelos

Security test suites and consulting from achelos ensure secure critical infrastructures
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Nuremberg/Paderborn, October 09, 2018 – From October 9 to 11, achelos GmbH will be presenting at it-sa 2018 in Nuremberg, the largest IT security exhibition in the German-speaking region. The security experts from Paderborn are introducing new business models for remote testing (Testing as a Service) and an extensive product and solutions portfolio for security-critical fields of application.

Press Release

achelos is on the joint booth of TeleTrusT, the IT Security Association Germany, in hall 10, booth 312. The live demos at the booth are rounded off by a practice-oriented presentation held by Heinfried Cznottka, Director Business Development at achelos. On October 9 in the Technical Forum of it-sa in hall 10.0., he will be talking about how to pinpoint weaknesses in TLS implementations.

According to Statista 2018, we will experience gigantic growth in mobile M2M data traffic by 2021. The organisation is forecasting 2,224.54 petabytes per month. Critical infrastructures in particular offer a growing potential for attacks on functionality, security and privacy as the complexity of the systems and components used, their networking and the resulting data volumes increase.

Consulting and Security Test Suites for Critical Infrastructures
Together with partners, achelos is offering customers dealing with critical infrastructures a full-service for **implementing their IT security compliance goals, such as the implementation according to ISO 27001 or industry-specific IT security standards or cyber security (based on the German BSI recommendations).** According to the German IT security act, all supply-relevant industries are affected in which failures can lead to dramatic consequences for society, the economy and the state. Visitors to it-sa can witness the achelos test suites live at the booth and can learn more about innovative products, solutions and services in the field of security technology:

- **Security Test Suites**
  Automated TLS and IKE/IPsec tests ensure secure network connections

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

  achelos is presenting remote testing as a new business model

- **Common Criteria (CC)***

  Supporting the application procedure, the creation of CC documents and software development based on many years of project experience and evaluator activities

- **Critical Infrastructures (KRITIS)**

  Supporting the implementation of requirements in cooperation with our partners

- **Security in Design Development**

  Many years of expertise translated into secure applications and operating systems

* (internationally valid catalogue of criteria for IT security)

Details on achelos' technology presentation:

Topic: Pinpointing Weaknesses in TLS Implementations

Date: October 9 from 4.45 pm to 5 pm

Speaker: Heinfried Cznottka, Director Business Development, achelos

Location: Hall 10.0, Forum T10 – Technology

Web: For more information on **it-sa 2018**, visit: www.it-sa.de

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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