**secunet at it-sa 2018: IT security for better performance**

***[Essen, Germany, 4 October 2018]* At IT security expo it-sa 2018, secunet will demonstrate how public authorities and companies can protect their data and systems, while at the same time increasing the performance of their IT systems. The focus will be on solutions for government and military organisations, security authorities and critical infrastructures.**

Digitalization often falters when it comes to particularly sensitive information. However, an advanced, holistic approach to IT security can help to eliminate obstacles. In many cases, IT security is what makes further digitalization possible in the first place – and in doing so drives subsequent progress.

**SINA – powerful high-security solutions**

At it-sa, secunet will demonstrate what the SINA Workstation makes possible, and how it allows users to move securely and comfortably within a familiar working environment (e.g. Microsoft Windows) – at any time, online and offline, in the office or on the go. The main focus here will be on (ultra-)mobile SINA Client S innovations.

secunet will also present the SINA L2 Box S 100G – a future-proof Ethernet encryption device. It is ideal for secure data and storage networking via Ethernet in data centres, thanks to its data throughput of up to 100 Gbit/s, high availability, and very low latency. The solution is based on the latest FPGAs (field-programmable gate arrays), which means it can be flexibly adjusted and expanded, as well as extensively evaluated. The TFS (Traffic Flow Security) function gives the option of extra protection against data analysis and data leaks. The SINA L2 Box S 100G is being developed entirely in Germany, by secunet and its long-standing partner atmedia. It will be available in the next year.

While at it-sa, secunet will also take the opportunity to illustrate how SINA SOLID can be used to flexibly and automatically configure complex IPsec networks. The SINA Workflow collaboration platform enables the handling of classified information in an entirely digital way – on a policy-compliant basis and without media disruption.

**Homeland security and IT baseline protection**

secunet will be presenting its secunet bocoa smartphone app at it-sa. This is a development which police authorities use for mobile identity checks, for example the verification of electronic ID documents. Working in conjunction with our partner Dataphone, secunet will for the first time be offering an iOS version of the app, to go alongside the Android version.

In light of shorter product lifecycles and increasingly complex IT infrastructures, continuously managing and maintaining appropriate IT security levels in accordance with the IT-Grundschutz (IT baseline protection) approach is not easy. Automated baseline protection (automatisierter Grundschutz, “aGS”) is a new methodology from secunet, which helps to implement secure target configurations within a short period of time.

**Secure IT for critical infrastructures**

Developed specifically for operators of critical infrastructures, secunet introduced the concept of the security infrastructure which reliably safeguards network zones, effectively preventing cyber attacks, espionage, and sabotage. Another focus topic at it-sa will be the secunet konnektor, which is the security core of the future communication from the doctor’s practice to the telematics infrastructure.

**Surf and call securely**

secunet safe surfer provides unrestricted and secure internet access by strictly separating the execution and display of active content. The secunet protect4use solution achieves user-friendly and secure multi-factor authentication for web-based services, such as web or customer portals, regardless of browser, platform, operating system or protocol. Secure Voice over IP telephony between different companies and business divisions is made possible by secunet SBC as a session border controller.

secunet will be welcoming visitors at **hall 10.0, stand 307** at the Exhibition Centre Nuremberg from 9 to 11 October 2018.

Kevin Ott, IT security consultant and penetration tester at secunet, will deliver the **expert lecture** at 10:30 a.m. on Wednesday 10 October 2018 in the Management Forum (hall 10.1), titled “Red Teaming: Advanced threat assessment through simulated attacks”.

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<http://www.secunet.com>

**About secunet**

secunet is one of the leading German providers of high-quality IT security. Over 500 experts work in the areas of cryptography, e-government, business security and automotive security, and develop innovative products in these fields in addition to highly secure and reliable solutions. Many DAX companies as well as numerous authorities and organisations are among secunet's national and international customers, which total over 500. secunet is IT security partner of the Federal Republic of Germany and partner in the Alliance for Cyber Security.

secunet was founded in 1997 and achieved revenues of EUR 158.3 million in 2017. secunet Security Networks AG is listed on the Prime Standard of the German Stock Exchange

*Further information can be found at* [*www.secunet.com*](http://www.secunet.com)