**secunet strengthens Industrial Security product portfolio**

***[Essen, Germany, 27 February 2019]* secunet is expanding its industrial offering with the addition of a further component that is specifically aimed at protecting machines: secunet edge. The “Secure Industrial Visibility” portfolio that secunet acquired from Giesecke+Devrient Mobile Security GmbH in December 2018, forms the product basis for secunet edge.**

The industrial sector needs systems for secure networking (Protect), connection to internal and external IT services (Connect), as well as simultaneous monitoring of communications (Detect) of machines (Cyber Physical Systems). For machine manufacturers, operators and system integrators, secunet edge offers the ideal solution, specially designed for industrial systems and environments. The patented hardware/software appliance is based on the recommendations set forth in the ISA99/IEC 62443 leading standard for security in industrial automation.

Beside micro-segmentation and the isolation of machines, secunet edge focuses on secure connectivity. The integrated protocol translator allows the system to switch from unsecured communications protocols to secure protocols for data transfer on IT networks. In addition, the platform concept provides a secure execution environment for applications. Typical application scenarios include remote maintenance, data pre-processing (edge computing), and the flexible integration of operator services. External services such as IoT platforms are also extensively supported.

The integrated Secure Element, a permanently built-in tamper-proof chip, allows for the secure storage and use of cryptomechanisms in various application scenarios. This means that data encryption and integrity protection for control data, for example, can be implemented at a high security level, and also allows for the identification of machine communications or the authentication of remote access.

Thanks to its flexible design, secunet edge is not only suitable for use in its focal area of industry, but can also be used to connect devices in the field of medical IoT, in the production, financial and energy sectors and also in the area of public transport, smart buildings and military applications.

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**Further information**

Information about secunet edge:

<https://www.secunet.com/en/products-solutions/edge/>

Information on the secunet security infrastructures portfolio:

<https://www.secunet.com/en/divisions/critical-infrastructure/security-infrastructure/>

**Press contact**

Patrick Franitza

Press Officer

secunet Security Networks AG

Kurfürstenstrasse 58

45138 Essen, Germany

Tel.: +49 201 5454-1234

Fax: +49 201 5454-1235

Email: [presse@secunet.com](mailto:presse@secunet.com)

<http://www.secunet.com>

**About secunet**

secunet is one of the leading German providers of high-quality IT security. More than 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. secunet has more than 500 national and international customers, including many DAX companies, public authorities and organisations. The company is an IT security partner to the Federal Republic of Germany and a partner of the German Alliance for Cyber Security.

secunet was founded in 1997 and achieved revenues of EUR 163.3 million in 2018 (preliminary result, as at: 29 January 2019). 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)*.*