

Press Release

A new SINA solution offers reliable encryption up to 40 Gbit/s

[Essen, Nuremberg 10 October 2017] The SINA portfolio from secunet receives a powerful addition: The previous SINA cryptographic solutions for network level 2 are being supplemented with the SINA L2 Box S 40G. The new box encrypts data at up to 40 Gbit/s. At the it-sa 2017 IT security trade fair in Nuremberg, secunet presented the pilot series of the first real, native 40G ethernet encryptor to a wide audience.

SINA L2 Boxes are particularly suitable for the fast and secure transfer of large quantities of data – such as is needed when mirroring computing centres – as they do not produce any overhead. This means that they offer maximum security and full performance with minimal latency periods. Extremely efficient encryption performance means there are hardly any noticeable restrictions in the data throughput: the function and performance of networks operated by authorities or companies are not affected, and the confidentiality, integrity, availability, and authenticity of the information are guaranteed during data transfer.

Following the launch in the first half of 2017 of the new hardware generation of the SINA L2 Box, serving the 50 Mbit/s to 10 Gbit/s encryption classes, now it's time to take the next step in meeting the growing bandwidth requirements of the future. In future the SINA L2 Box 40G will take on a key role in securing major network coupling points and computing centres.

The devices are equipped with QSFP or SFP+ interfaces. As a result, the overall encryption output may be 1x40 Gbit/s, or can be activated freely selectable from 1x10 Gbit/s to 4x10 Gbit/s, depending on need and the network requirement. All previously known operating modes and far-reaching functions of the SINA L2 Box S will continue to be supported.



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The SINA L2 Box S 40G will be available to customers from Q1 2018 – approval for the VS-NfD is currently being pursued and is expected to be in place upon launch.

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About secunet

secunet is one of the leading German providers of high-quality IT security. Over 400 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 sales of EUR 115.7 million in 2016. secunet Security Networks AG is listed on the Prime Standard of the German Stock Exchange

Further information can be found at www.secunet.com

