

Press release

SecuStack opens cloud computing to companies and public authorities with security-critical applications

[Essen, Germany, May 14, 2019] Organisations with elevated security requirements have previously faced high hurdles when it comes to the use of cloud computing. In response, secunet Security Networks AG and Cloud&Heat Technologies GmbH have now founded a joint venture to provide these companies and public authorities with a security-hardened cloud platform made in Germany: SecuStack GmbH, which has its seat in Dresden, develops cloud solutions that bring together a very high level of security with ease of use.

The solutions from this newly founded company are based on the leading open-source cloud platform OpenStack, expanding on it with additional security mechanisms. Supported by strong cryptography, these mechanisms ensure consistent encryption of user data and, as such, strict client separation to a degree that was previously unattainable. The result is that a cloud infrastructure user's data is exclusively accessible by only that user at any time. SecuStack solutions are intended for bodies including public authorities, R&D institutions, companies in the Industry 4.0 sector, energy suppliers, hospitals, and banks.

“With SecuStack, we are offering a comprehensive overall concept for security lifecycle management in the cloud. Thus cloud infrastructures based on our products demonstrate a real element of differentiation compared to the major players. Furthermore, SecuStack contributes to preserving digital sovereignty, with German-made solutions,” notes Dr. Kai Martius, CTO of secunet and CEO of SecuStack GmbH.

“SecuStack is enabling companies and institutions with security-critical applications to take the step into the cloud. Our solution, based on OpenStack, makes the storage and processing of data in the cloud not



Press release

only more secure, but also transparent,” comments Dr. Marius Feldmann, COO at Cloud&Heat and CEO of SecuStack GmbH.

The core of the SecuStack offering is already available, and will gradually be further expanded over the next few months. Interested customers can now test and use the initial key security functions with OpenStack.

In SecuStack, the two parent companies are bringing together many years of experience in their respective sectors: secunet Security Networks AG has unique knowledge of highly secure system solutions, cryptography, and highly complex key management, while Cloud&Heat Technologies GmbH brings to the table established expertise in OpenStack infrastructures and their operation.

secunet holds 51% of the shares in the newly founded company, and Cloud&Heat Technologies holds 49%.

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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. secunet Security Networks AG is listed on the Prime Standard of the German Stock Exchange.

Further information can be found at www.secunet.com.



Press release

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About Cloud&Heat Technologies GmbH

Since it was founded in 2011, the vision of Cloud&Heat Technologies has been to make sustainability a driver of digital innovation. This Dresden company develops, builds, and operates energy-efficient, green, secure, and scalable data centres that meet the requirements of the future of the cloud. Private and public cloud solutions based on OpenStack are offered in two different business areas, namely custom-tailored IT infrastructure solutions such as Micro Data Centres (MDCs) or Data Centre Containers (DCCs) for SMEs; and major IT infrastructures that have a comprehensive combination of cloud and heat solutions. The latest generation of hot water direct cooling, developed and patented by Cloud&Heat, are used in both business areas. This innovation enables the reuse of waste heat from data centres at a constant temperature level of 60°, to heat buildings or through connection to district and local heating networks. Using this approach, Cloud&Heat builds and operates the most energy- and cost-efficient data centres worldwide, and has already received many awards for its work – most recently the Tech Tour Innovation Award 2019, with which Cloud&Heat was recognised as the most innovative of the 50 fastest-growing technology companies in Europe; as well as the Deutscher Rechenzentrumspreis 2019, which it has also won on two previous occasions, in 2015 and 2016.

For more information, visit www.cloudandheat.com.

