German Federal Office for Information Security certifies SD-WAN gateway LANCOM 1930EF

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The German network-infrastructure and security supplier LANCOM Systems has received a security certificate according to the "BSZ" procedure for their SD-WAN gateway LANCOM 1930EF. With the Accelerated Security Certification BSZ, ("Beschleunigte Sicherheitszertifizierung"), the German Federal Office for Information Security (BSI) is addressing manufacturers of network components, among others, as these are of outstanding importance for the defense against IT and cybersecurity risks. The LANCOM 1930EF gateway was certified with the software version LCOS 10.80.0742 SU8. It is suitable for providing site connectivity wherever sensitive data is processed; for example, in public authority and government networks, industry, business, the financial and healthcare sectors as well as critical infrastructures (CIP), which are potential targets of manipulation, sabotage, or industrial espionage.

BSI certification is highly relevant in practice

Accelerated Security Certification independently tests and verifies manufacturers' security claims regarding their products. A series of conformity tests are carried out to verify the security performance (Security Target) promised by the manufacturer. The actual effectiveness of the technical security measures/security performance and the cryptographic functions and procedures used in the product are examined in the BSZ's risk-based approach that employs penetration tests to find typical faults. The installation instructions are also checked to see whether correctly following them does indeed lead to a secure system.

Internationally recognized

The IT security certificates gain international recognition with an [agreement](link) between the BSI and the French security authority ANSSI (Agence nationale de la sécurité des systèmes d'information). With only a few exceptions, all CSPN certificates (Certification de sécurité de premier niveau) are recognized in Germany by the BSI and all BSZ certificates are recognized in France by the ANSSI.

BSI-certified SD-WAN gateway

The multi-WAN SD-WAN gateway LANCOM 1930EF is suitable for site connectivity at medium-sized and large companies and branch infrastructures with high security requirements. With multiple Internet connections operated in parallel (load balancing), the LANCOM 1930EF also ensures that data volumes are evenly distributed to reduce the

network load. A comprehensive range of SD-WAN features enables straightforward zero-touch deployment and automated setup of secure VPN connections (Auto-VPN) between sites—including network virtualization.

Important component of digital sovereignty

The gateway is developed and manufactured in Germany according to the highest standards of security and data protection. The BSZ certificate includes an update guarantee and a quick-response obligation in case of vulnerability reports. As a bearer of the trust mark "IT Security made in Germany", LANCOM has pledged to keep its products backdoor-free and also fulfills the demanding requirements for the trustworthiness of central IT components in KRITIS (CIP) environments. This makes the gateway an important component for greater security, resilience and digital sovereignty in business and public administration.

Further resources:

A picture of the certificate presentation can be downloaded here.

Further information on the BSZ certification of the LANCOM 1930EF is available here: https://www.lancom-systems.com/bsi-security-certification

Information about the BSZ provided by the BSI can be found here.

About LANCOM Systems:

LANCOM Systems GmbH is a leading European manufacturer of network and security solutions for business and the public sector. The portfolio includes hardware (WAN, LAN, WLAN, firewalls), virtual network components, cloud-based software-defined networking (SDN), and solutions for remote and mobile access.

Software and hardware development as well as manufacturing take place mainly in Germany, as does the hosting of the network management. There is a strong focus on trustworthiness and security. The company is committed to products that are free from backdoors and is a holder of the trust mark "IT Security Made in Germany" as initiated by the German Ministry of Economics.

LANCOM was founded in 2002 and has its headquarters in Würselen near Aachen, Germany. Customers include SMEs, government agencies, institutions, and major

corporations from all over the world. The company is a wholly owned subsidiary of the Munich-based technology group Rohde & Schwarz.

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