PRESS RELEASE

BSI Certificate Demonstrates High Level of Security: Firewall & VPN Appliance genuscreen 7.0

Kirchheim near Munich, September 16, 2019. The German Federal Office for Information Security (BSI) has once more awarded Common Criteria (CC) EAL4+ certification for the Firewall & VPN Appliance genuscreen 7.0. Users are therefore guaranteed a dependable IT security solution tested by independent experts when implementing the Firewall & VPN Appliance from German manufacturer genua GmbH – a solution that reliably protects networks from attacks and enables secure data transfer via the Internet. This certification is based on comprehensive testing of the security functions through to the source code, as well as extended test series.

Firewall certification for Evaluation Assurance Level 4+ (EAL4+) according to the international standard CC is a laborious process: The manufacturer provides the BSI and an independent test laboratory with documentation describing how the firewall defends against threats and guarantees a high level of security. The independent experts then use a range of tests and the disclosed source code to check whether all security functions have been correctly implemented and are impossible to remove even by accomplished attackers. The Firewall & VPN Appliance genuscreen 7.0 has passed this test successfully.

Trust Anchor: BSI Certifications and Approvals
genua has the Firewall & VPN Appliance genuscreen certified by BSI on a regular basis. Prior to genuscreen 7.0, several previous firewall & VPN appliance versions successfully passed the CC certification process. genuscreen is the only firewall so far to recently also have been approved by the BSI for use in the security sector up to German security classification VS-NfD (Classified information – For official use only). This further underscores the superior level of quality. BSI certification and approval are trust anchors for customers who use genuscreen to protect sensitive data and networks.
Fast and Secure Data Exchange Between Locations

genuscreen uses the firewall function to monitor data traffic at critical network interfaces, allowing only expressly authorized connections. In this way, genuscreen protects the LAN/Internet interface from cyber attacks or monitors crossover points to internal high-security zones in large networks, for management or the research department for example. The VPN function (Virtual Private Network) makes it possible for the solution to exchange encrypted data between spread out company locations or public authority sites over the Internet. This means that data can be exchanged and processed quickly and securely.

Strong Security at High-Performance Network Interfaces

The firewall & VPN appliance achieves a throughput of up to 20 Gbps and can transfer data simultaneously via more than 2,000 VPN connections. genuscreen can therefore monitor high-performance interfaces and establish a powerful VPN at a BSI-certified security level. With the use of clusters, genuscreen can meet even higher performance requirements.

About genua

genua GmbH is a German IT security specialist. Our range of services covers the protection of sensitive interfaces and networks in public authorities and the industrial sector through to the networking of highly critical infrastructures, reliable encryption of data communication over the Internet, the provision of remote maintenance systems, as well as remote access solutions for mobile employees and home offices. Our solutions are developed and produced in Germany. Frequent certifications and approvals by the Federal Office for Information Security (BSI) testify to the high quality of genua's products. Numerous customers from the industry and public authorities rely on the experience and solutions of genua. Founded in 1992, the company is based in Kirchheim bei München and has offices in Berlin, Cologne, Leipzig, and Stuttgart, with a workforce of over 250 employees. genua is a member of the Bundesdruckerei Group.

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