



Firewall & VPN Appliance genuscreen

Professional protection for data transfers and networks



Virtual Private Network (VPN)
Secure and flexible communication via
public networks

SecurITy
made
in
Germany

Strong Protection for Data and Networks

The cyber risks that the IT infrastructures of public organizations and companies are exposed to are constantly increasing. In order to prevent attacks, organizations must close the security gaps that exist in the data traffic over the Internet as well as at critical gateways.

genuscreen offers two IT security components in one: As a VPN appliance, genuscreen establishes strongly encrypted connections for data communication via public networks. As a powerful firewall, it reliably filters network traffic at the interfaces and only allows expressly permitted data packages to pass through – genuscreen consistently blocks all other requests. With approval up to the security level RESTRICTED and certification according to Common Criteria (CC) EAL 4+, genuscreen meets the highest security requirements.



genuscreen offers approved and certified network security

All Advantages at a Glance



Scalable up to
> 1,000 systems



Administration via
management station



Data privacy via
VPN technology



Security through
stateful packet filter



Top quality: CC EAL 4+
certification



Approval for classification levels
German VS-NfD, NATO RESTRICTED,
and RESTREINT UE/EU RESTRICTED

You can obtain more
information and advice here.

www.genus.eu/genuscreen



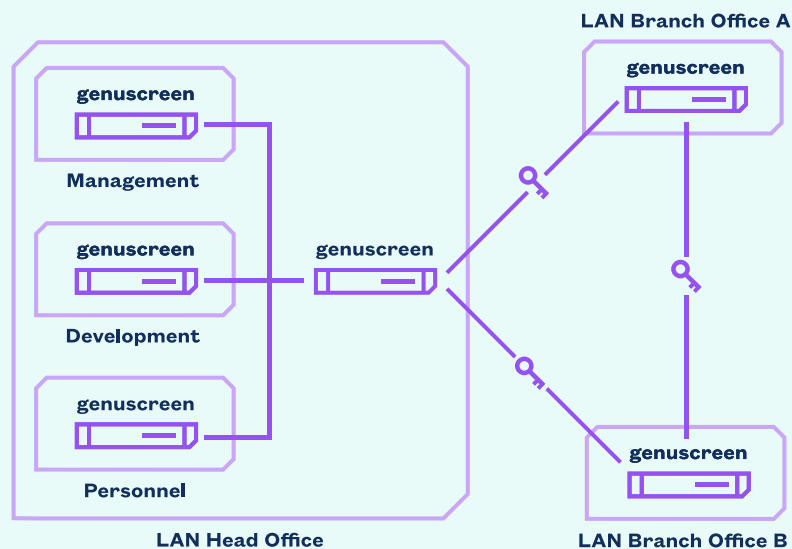
Location Connectivity with Maximum Network Security

Communication via Highly Secure VPN

genuscreen enables safely encrypted data exchange over public networks by setting up Virtual Private Networks. This means that even sensitive information can be exchanged between locations, as strong encryption techniques guarantee confidentiality.

Approvals for the Restricted Data Sector

genuscreen is approved for the classification level RESTRICTED by the German Federal Office for Information Security (BSI). This means that the IT security solution enables government authorities, units of the German Armed Forces, and companies with an obligation to maintain secrecy to securely exchange restricted data. According to the new directive for classified information VSA (Verschlusssachenanweisung), the approval includes the firewall in addition to the VPN component.



Security zones and encrypted data communication with genuscreen

» The certification of genuscreen according to the internationally recognized Standard Common Criteria (CC) at the strict level EAL 4+ is proof of the correct implementation of all security functions.

Quality Seal BSI Certificate

genuscreen is certified by the German Federal Office for Information Security (BSI) according to the international Standard Common Criteria (CC) at the strict EAL 4+ level. This is the highest level that is fully applicable to a complex system such as a firewall. The certification assures organizations that genuscreen offers a high-quality security solution that is impenetrable even by the most sophisticated hackers.



BSI certification standard CC in level EAL 4+

Firewall with an Overview – even under IPv6

As a stateful packet filter, the system remembers the communication history: For example, if your local computer A requests data from computer B on an external network, genuscreen allows the answer to pass from B to A. But an unprompted connection from external computer B to your local network and computer A is blocked. The firewall always checks the overall context before it decides whether a connection can be allowed. This ensures that data moves on a high security level. The same is the case for data communication under IPv6 – genuscreen can securely work with this standard.

Merging of Clusters and Central Administration

The many hardware variants from genuscreen offer a solution for a wide range of performance requirements. Additional requirements in terms of bandwidth and availability can be fulfilled by clusters.

genuscreen is administered via its own graphical user interface. A central management solution is available to efficiently administer multiple firewall and VPN appliances as well as other IT security solutions from genua.

Reasons Why

- Experts for the IT security of companies and public organizations
- Offer of a comprehensive, modular IT security portfolio
- Quality without compromise for all products, services, and processes

genua – Excellence in Digital Security

genua develops innovative, reliable as well as market-shaping products and solutions. Whether in the public sector, for the operators of critical infrastructures, in industry or in the protection of classified information: we provide answers to the IT security challenges of today and of tomorrow.

Interested? Contact us:
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More product
information

