



# 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

SecurITy  
made  
in  
EU



genuscreen offers approved and certified network security

## 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.

## Your 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.genua.eu/genuscreen](http://www.genua.eu/genuscreen)



# Location Connectivity with Maximum Network Security

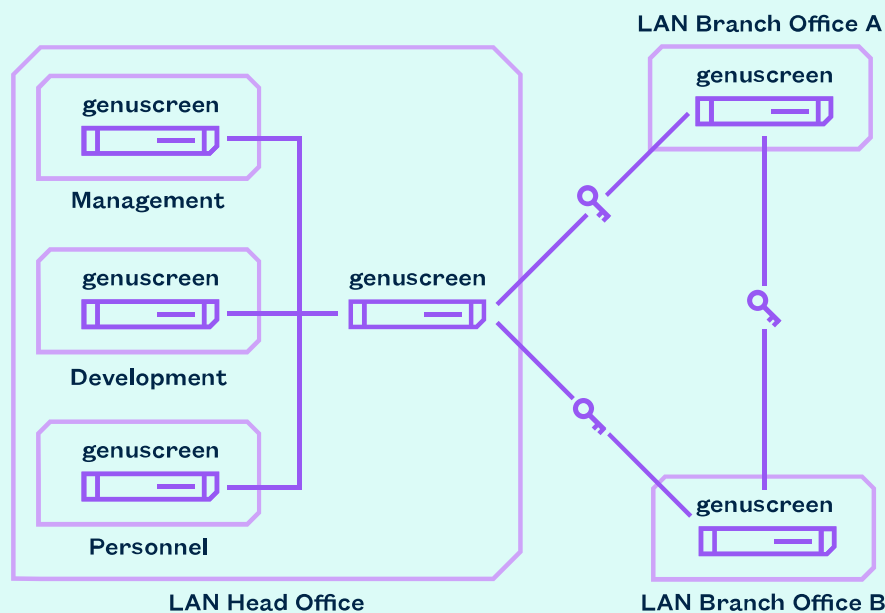
## Communication via Highly Secure VPN

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.

genuscreen can also be used as central component for the termination of various VPN clients such as genuconnect and ECOS SecureBootStick SX as well as iPhone and iPad in Apple indigo setups.

## Approvals for the Restricted Data Sector

genuscreen is approved 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. The VPN component including quantum-resistant key exchange for IPsec/IKEv2 as well as the firewall component are approved for classification levels German VS-NfD, NATO RESTRICTED, and RESTREINT UE/EU RESTRICTED.



Security zones and encrypted data communication with genuscreen

» As a universal RAS dial-in platform, genuscreen supports a wide range of VPN clients such as genusecure Suite, genuconnect, ECOS SecureBootSticks as well as native clients on the operating systems macOS, iOS (including Apple indigo), MS Windows 10/11, and Android.

## 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.



genuscreen is certified according to the Standard Common Criteria (CC) at the strict EAL 4+ level and approved for classification levels German VS-NfD, NATO RESTRICTED, and RESTREINT UE/EU RESTRICTED

## 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 and a virtualized version (in approval process) of 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.

**Further information:**  
[www.genua.eu/genuscreen](http://www.genua.eu/genuscreen)



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