

# Firewall & VPN-Appliance genuscreen Virtual

Virtualized security solution for  
data transfers and networks



## Virtual Private Network (VPN)

Secure and flexible communication  
via public networks

## Virtualized Security Appliance for Modern IT Architectures

genuscreen Virtual offers the functions of the hardware-based Firewall & VPN Appliance genuscreen in a virtualized variant: It ensures security independent of dedicated hardware and is therefore suitable for use in the cloud as well as in data centers and hybrid architectures. genuscreen Virtual can be used

- as a highly secure VPN solution for site-to-site connectivity, remote connection or cloud integration,
- as a packet filter with fine-grained rules and state-aware inspection, or as a segmentation firewall to provide network protection at the highest level.

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.

» genuscreen Virtual offers the proven  
genuscreen features in a flexible, virtualized solution – ideal for use in the cloud as well as in data centers and hybrid architectures.

genua.



## Your Benefits at a Glance



Firewall and VPN software  
for the highest security  
requirements



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



Post-quantum VPN  
protects against quantum  
computer attacks



Flexible integration  
into cloud and virtualization  
environments



Flexible scaling and  
automation



Central management for  
a uniform security policy and  
low administrative effort

**Interested? Contact us:**

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Secur|Ty  
made  
in  
Germany

Secur|Ty  
made  
in  
EU

## Use as a Highly Secure VPN Solution and Firewall

To prevent cyberattacks, organizations must close security gaps in internet traffic and at critical network interfaces. With genuscreen Virtual, you get two approved IT security components in one solution:

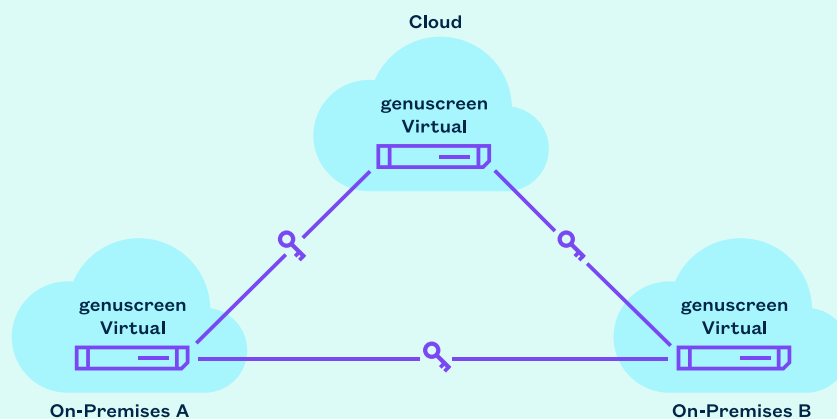
As a VPN solution, genuscreen Virtual enables, for example, highly encrypted communication between data centers or a highly secure connection for external partners and remote teams. As a powerful firewall, it can be used to segment virtual networks, secure cloud workloads or to protect data traffic within virtualized data centers.

## Application in the Cloud and in Virtualization Environments

For efficient and space-saving use of existing computer resources for processing classified information, the Firewall & VPN Appliance genuscreen Virtual can be deployed on common hypervisor platforms.

The ability to operate multiple instances ensures high availability and load balancing which is advantageous, for example, for temporary peaks in high access quantity.

Integration into genua's central management enables easy implementation of uniform security policies and reduces administrative effort.



Secure transfer of confidential data between local infrastructures and a cloud

## 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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