

# genugate Virtual

Complete control of data traffic,  
maximum protection against  
cyberattacks



## Firewalls and Gateways

Strong protective armor for confidential data

### Secure Interface to the Internet

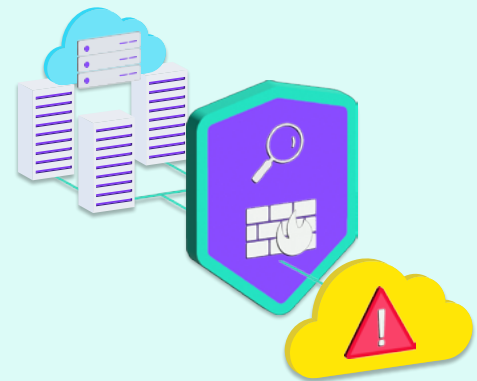
The threat posed by networks is constantly increasing and affects all organizations that operate networked IT infrastructures. The interface between the Internet and the local network is therefore crucial for the level of IT security.

The more carefully traffic is controlled here, the more protection can be achieved throughout the entire network. genugate Virtual meets the highest security requirements through

- in-depth content analysis of application-level traffic
- protection against attacks on web servers through Web Application Firewall (WAF)
- automated updates and policy management

» genugate Virtual is the only virtualized firewall approved by the Federal Office for Information Security (BSI) for processing data classified as German VS-NfD in Germany.

genua.



### Your Benefits at a Glance



Approval for the classification level German VS-NfD



Complete protocol and content analysis of all data traffic



Proxy services for a wide range of protocols



Web Application Firewall (WAF)



High availability and increased throughput through clusters



High scalability and automation for growing network requirements

Interested? Contact us:

+49 89 991950-902 or [sales@genua.de](mailto:sales@genua.de)

SecurITy  
made in Germany

SecurITy  
made in EU

## Application Level Gateway for a High Level of Security

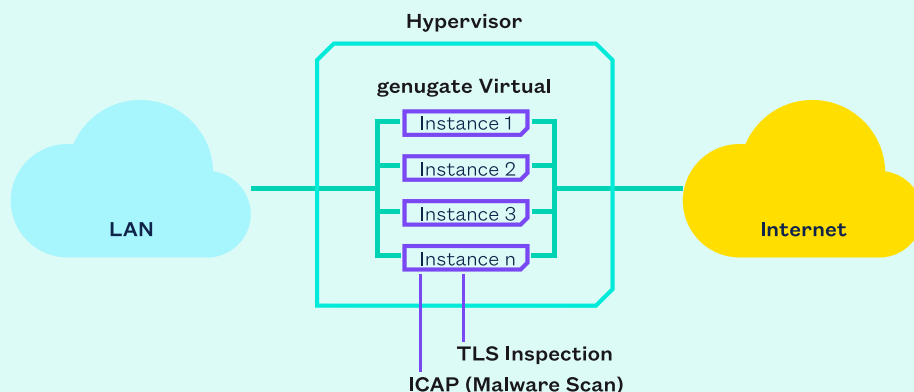
The core of genugate Virtual is the Application Level Gateway (ALG), which prevents a direct connection between different networks and analyzes and controls all data traffic with first-class security features.

Encrypted data streams are decrypted using TLS inspection and subjected to a comprehensive content analysis. To detect suspicious behavior, each data packet is analyzed in its context. Depending on the configuration, genugate Virtual blocks unwanted and dangerous content. The data is then encrypted and forwarded.

## Developed for the Cloud and Virtualization Environments

genugate Virtual can be used flexibly in cloud and virtualization environments. The firewall provides comprehensive protection for various use cases, such as secure access to cloud services, securing data transfers, and preventing unauthorized access.

Flexible scalability allows organizations to adapt their security requirements quickly and efficiently in growing network environments. The ability to operate multiple instances ensures high availability and load distribution, which is particularly beneficial for critical applications in the cloud.



genugate Virtual offers scalable network security for sensitive infrastructures

## 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/](http://www.genua.eu/)  
[genugate-virtual](#)



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