



Security Gateway

RSGate



Definition:

The RSGate is a security gateway for bidirectional data transfer between red and black networks. As a two-tier solution, it allows monitoring and controlling content by using a validation server/viewer and a security filter.

When two networks with different security classifications are connected to one another, the data traffic at the interface needs to be strictly controlled. It should be possible to transfer only approved data and documents from the network with the higher classification into the less secure area while confidential information must be protected from being transferred. In this case, detailed checking of the data is required, including checks on the content of documents.

Typical Use:

- Separation of networks with different security classifications, allowing information to be transferred from black to red and *approved* information to be transferred from red to black
- Precise content control and monitoring of data transfer, in either manual or automatic mode

Reasons to Choose RSGate:

- Restriction of permitted senders and receivers by IP and / or e-mail addresses
- Manual or automatic checking of data
- Protection against attacks on the red network with the integrated, multi-level firewall system GeNUGate
- Virus checking on files transferred via SMTP and HTTP, filtering active content such as Java, Javascript, and ActiveX
- Logging of all communication connections
- Alerting of a designated administrator in the case of security violations or breakdowns
- Sealed configuration against maloperation
- A product of GeNUA mbH and INFODAS GmbH

Service:

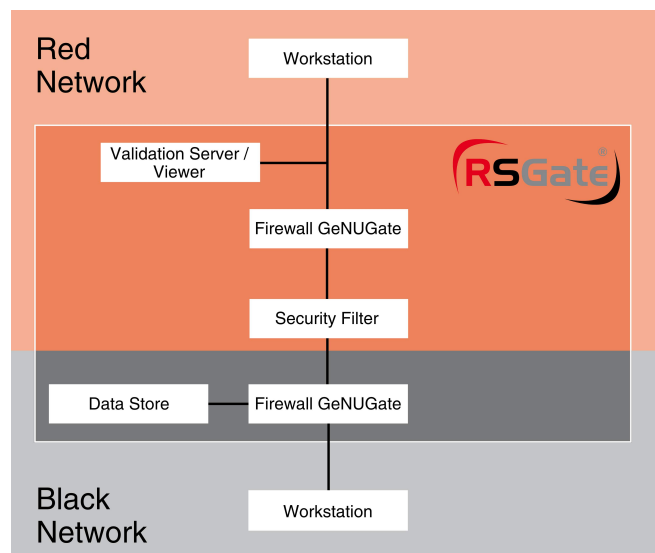
- Customer service directly from the manufacturer
- Hotline service / update service
- Free hardware support for three years from date of purchase
- Comprehensive training courses

Reasons to Choose GeNUA:

- Leading German specialist for IT security
- Founded in 1992 – implementation of numerous major projects for government, military, and industrial organizations

Application Example

RSGate is successfully deployed in the German Navy and military air traffic control to regulate the data transfer in a reliable, capable and user-friendly manner.



RSGate: the route from red to black

Operating mode: When data pass through RSGate, the GeNUGate firewalls, which are certified to CC EAL 4+, assume the role of protecting the network and checking the protocols. The data content is checked – either manually or automatically – with a solution developed by INFODAS. Thereafter, RSGate decides if the content will be transferred from the red to the black network or will be rejected.

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Contact

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