Personal Security Device genucard

High-Security Connection to Restricted Networks

Outside of the company network, IT security becomes a major issue: Employees who telecommute, work at smaller operating sites, or travel on business frequently need to access the company LAN for sensitive information or to use online software applications. This access is very convenient, but it also entails considerable risks. Are you sure that the security systems on the laptops and workstations used are up to date, perform faultlessly, and that your LAN is accessed only via secure connections? If you have any doubts, this can be a gateway for unauthorized access – to the PC, and indeed to your whole network. For the crucial area of external employee data communication, we offer a high security solution you can rely on: the Personal Security Device genucard.

genucard Safeguards the Entire Data Communication Process

The genucard is easily connected to laptop or desktop PCs by USB and ensures that data communication over all external interfaces is secure. For this purpose, the following security systems have been installed on this compact device:

- Firewall
- VPN gateway
- Smart card reader

VPN via All Available Means

Now, when a connection to an external target is requested, the firewall first checks whether or not this communication is permissible. Only connections that have been expressly authorized will be permitted, while any other requests will be consistently blocked by the firewall. For authorized connections, the genucard creates a strongly encrypted Virtual Private Network (VPN) for the configured receiver – all data communication is then carried out exclusively via this completely secure connection. And you can choose from any of the currently available means – from Ethernet, WLAN including public hot spots, or mobile radio. Additional security features include authentication and key handling using a smart card. Without this key, the genucard cannot be activated, and nobody can initiate a connection with your LAN.

A Self-Contained Device that Guarantees Security

This combination of features provides security for data communication that external users can rely on. But that's not all – with the genucard, you also have another significant advantage. Our security solution isn't installed on the PC that it is supposed to protect – instead, it is installed on an autonomous device with its own operating system, which enables the genucard to remain fully functional even if the PC has already been compromised through careless handling. This means you are guaranteed the highest level of IT security, just when it matters most – in an emergency!

genua
Security first.

Approved for Cassification Level Restricted

genucard has been approved by the Federal German Office for Information Security (BSI) as meeting the requirements of the German and NATO Restricted and Restreint UE classifications. This personal security device may therefore be used to encrypt and transfer restricted data via the Internet.

Secure Communication on All Channels

genucards are equipped with the following interfaces to allow high security data communication across all network channels:

- Ethernet
- WLAN
- UMTS (incl. a SIM card slot)
- USB (for extensions)
- Smart card

Central Administration via Management Station

genucards can be connected to any laptop or desktop PC. While Internet access and VPN profiles are selected using a local GUI, configuration and administration of the genucard is carried out centrally from the genucenter management station. This means that you can control numerous personal security devices centrally and ensure that your desired configuration is installed throughout. You can monitor correct functioning, easily install updates – and know that you are achieving a high IT security standard.

Your Benefits from genucard:

- Autonomous personal security device
- Simple implementation via USB
- Plug & Play on laptops and PCs
- Integrated firewall for controlling connections
- Secure VPN for data communication using any available means
- Authentication and key handling via smart card
- Approval for classification levels German and NATO Restricted and Restreint UE
- Safe investment thanks to IPv6 integration
- Easy administration via central management station
- Customer service directly from the manufacturer

About genua

genua is a German IT security specialist. Since our company was founded in 1992, we have been involved in securing networks and developing sophisticated solutions. Our business activities include firewalls certified to the international Common Criteria (CC) standard, high-security gateways and diodes for sensitive network interfaces, VPN and remote maintenance systems, mobile security solutions, and a wide range of services. Our solutions are developed and manufactured in Germany. Many companies and public authorities rely on solutions from genua to protect their IT.

Further information:

www.genua.eu/genucard

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