Outside of the company network, IT security becomes a major issue: Employees who work in home offices, smaller operating sites, or travel on business frequently need to access the company LAN to retrieve 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 laptops and workstations used by your employees are up to date, perform faultlessly, and that your LAN is accessed solely 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.

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 PIN pad and smart card
- Approval for classification levels German and NATO Restricted and Restreint UE
- Safe investment thanks to IPv6 integration
- Easy administration via central managementstation
- Customer service directly from the manufacturer

genucard Safeguards the Entire Data Communication Process

The genucard is easily connected to laptop or desktop PCs by USB and ensures secure access to your network. 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

As soon as the genucard is activated, it creates a strongly encrypted Virtual Private Network (VPN) for the remote peer configured in your network – all data communication is carried out exclusively via this completely secure connection. Possible routes to choose from are WLAN including public hot spots, mobile telephony, and Ethernet. Additional security features are authentication and key handling using a smart card with PIN entry. This is done via PIN pad directly on the compact device; the status is shown on a display. Without knowing the PIN and possessing the smartcard, no one 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!

Approval for Classification Level RESTRICTED

The genucard has the official approval of the German Federal Office for Information Security (BSI) for classification level Restricted. According to the new directive for classified information (Verschlusssachenanweisung), the approval includes the firewall functions in addition to the VPN. Public authorities, the German armed forces, and companies operating in the field of classified information therefore can use genucard to ensure that employees have secure access to sensitive classified data even when working remotely.

Secure Communication on All Channels

genucards are equipped with the following interfaces to allow high security data communication across all network channels:
- WLAN Wi-Fi 5, dual-band
- LTE (incl. a SIM card slot)
- USB (for extensions, e.g. Ethernet)
- 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.

About genua

genua GmbH is a German company specializing in IT security. It has been securing networks and developing sophisticated security solutions since the company was founded in 1992. Our range of business services for the industry and public authorities include securing sensitive interfaces and networks, securely connecting mobile users and home offices right up to highly critical infrastructures, remote maintenance solutions for machinery and IT-systems, reliable data communication encryption over the Internet as well as cloud security. Our solutions are developed and produced in Germany. Many companies and public authorities rely on solutions from genua to protect their IT. genua is a member of the Bundesdruckerei Group.

Further information:
www.genua.eu/genucard