Rohde & Schwarz Cybersecurity

R&S®TRUSTED ENDPOINT SUITE

R&S®Trusted Endpoint Suite is a software-based security system for Microsoft® Windows™ endpoint devices. The secure classified workstation, approved by the German Federal Office for Information Security (BSI) for the classification level VS-NfD/RESTRICTED, allows workstations to be secured so that classified information can be stored and processed. R&S®Trusted Endpoint Suite consists of a VPN Client and a full-disk encryption. Additional protection is optionally provided by a highly secure browser.

► **Protection of classified workstations**

Comprehensive protection for endpoint devices

As a combined IT security solution for remote devices at VS-NfD/RESTRICTED level, R&S®Trusted Endpoint Suite ensures optimally protected endpoints and networks Designed for use in environments classified at RESTRICTED level, the system is ideally suited for mobile and stationary use in public authorities, organizations with security tasks and companies obliged to secrecy. Its software-only approach allows remote users to easily connect to companies holding classified information. R&S®Trusted Endpoint Suite also features intuitive and high usability as well as flexible hardware selection.

Product-Flyer
Version 02.01

ROHDE & SCHWARZ

Make ideas real

Benefits of the security suite

▶ **Effective work exclusively software-based**
The VPN client is entirely software-based, eliminating the need for additional devices for end users. Just perform a restart after installing R&S®Trusted VPN Client software, and the client is ready to go. Users can continue using the Microsoft® Windows 10™ user interface as usual.

▶ **Easy administration for secure remote connections**
Retaining rollout procedures and workflows for software installation makes R&S®Trusted Endpoint Suite an easy-to-manage, efficient and secure application for public authorities and organizations processing classified information.

▶ **First-class videoconferencing and 3D performance**
Thanks to the innovative architectural approach of R&S®Trusted Endpoint Suite, the 3D performance of many modern graphics cards can be used with an active security architecture to ensure high-performance use of the end device and, in particular, of videoconferencing or 3D applications such as CAD drawings, for example.

▶ **Security package with Microsoft® Hyper-V™ and virtualization based security (VBS) features**
R&S®Trusted Endpoint Suite supports the Hyper-V hypervisor integrated into Microsoft® Windows 10™ as well as associated VBS features.

▶ **Comprehensive USB management**
R&S®Trusted Endpoint Suite features comprehensive USB interface management, eliminating the need to connect additional third-party solutions. The management takes effect outside the Windows end user system, so that even attacks from within Windows cannot access the interface management.

Modules of R&S®Trusted Endpoint Suite

R&S®Trusted VPN Client
R&S®Trusted VPN Client, approved up to classification level VS-NfD/RESTRICTED, protects the network communication of a client platform (Windows laptop or tablet) with an organizational network via an untrusted network (e.g. Internet).

R&S®Trusted Disk
Approved up to classification level VS-NfD/RESTRICTED, R&S®Trusted Disk full-disk encryption ensures that endpoint devices store local data securely. This includes user data, but also the entire operating system and any temporary data. These local files are encrypted in real time to avoid negatively affecting the operating system's performance. Authorized users can access the system only via multifactor authentication, e.g. using smart cards or a PIN. If a device is lost, third parties cannot access its data.

Additional options

R&S®Browser in the Box
Developed on behalf of the BSI, R&S®Browser in the Box is a virtual environment for secure and comfortable work on the Internet. The technology has been specially designed to fulfill even the most stringent security needs of federal authorities. The secure separation of networks from the Internet on the client computer ensures the reliable protection of data without negatively affecting the availability and performance of the IT infrastructure. In particular, the device operating system is protected against malware from the Internet thanks to the virtualized browser. This ensures that the browser, which is mostly vulnerable to device attacks and malware, is both optimally and continuously protected.

GnuPG VS-Desktop®
GnuPG VS-Desktop®, approved up to classification level VS-NfD/RESTRICTED, is crypto solution for secure end-to-end encryption of files and emails. It prevents third parties from reading any encrypted digital communication and data stored in the cloud. Even if encrypted emails are intercepted and stored in transit, they remain impossible for unauthorized persons to decrypt.

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