Rohde & Schwarz Cybersecurity

# R&S®TRUSTED ENDPOINT SUITE

The R&S®Trusted Endpoint Suite is a software based security system for Microsoft® Windows™ endpoint devices. Specifically designed for RESTRICTED classification level tasks, the modular solution consists of a VPN client, full disk encryption and a high-security browser.

## Comprehensive protection for endpoint devices

As a combined IT security solution for remote devices, R&S®Trusted Endpoint Suite ensures optimally protected endpoints and networks thanks to its innovative architecture and modular design. Designed for use in environments classified at RESTRICTED level, it is the ideal solution for on-the-go use at authorities, security organizations and companies with approved security clearance. Its software-only approach allows remote users to easily connect to companies holding classified information.



Product flyer
Version 01.00

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## Benefits of the security suite

▶ **Efficient deployment in an exclusively software-based manner**
The VPN client is entirely software based, eliminating the need for additional devices for end users. Just perform a restart after installing the R&S®Trusted VPN Client software, and the client is ready to go.

▶ **Easy administration for secure remote connections**
Users can continue using the Microsoft® Windows 10™ user interface as usual. Retaining rollout procedures and workflows for software installation makes the R&S®Trusted Endpoint Suite an easy-to-manage, efficient and secure application to companies holding classified information.

▶ **Protection with BSI-compliant cryptographic methods**
R&S®Trusted Endpoint Suite modular security solutions are based on cryptographic methods and security mechanisms that comply with the specifications of the German Federal Office for Information Security (BSI).

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

## R&S®Trusted Endpoint Suite modules

### R&S®Trusted VPN Client

The R&S®Trusted VPN Client has been developed in accordance with RESTRICTED classification requirements and protects all network communications of the client platform – endpoint devices such as laptops, PCs or tablets – that is routed over insecure networks such as the Internet.

### R&S®Trusted Disk

Approved for the RESTRICTED classification level, 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.

### R&S®Browser in the Box

Developed in cooperation with the BSI, R&S®Browser in the Box is a virtual environment for secure and comfortable web browsing. The technology has been specially designed to fulfill even the most stringent security needs of federal authorities. The secure isolation 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.

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