Rohde & Schwarz Cybersecurity

R&S®TRUSTED VPN CLIENT

Home office, telework and remote working are becoming the new normal. But what about security? R&S®Trusted VPN Client protects your sensitive or classified data communications from mobile devices over untrustworthy networks such as hotel Wi-Fi, home networks or mobile networks, to your official or company network.

As a pure software solution, R&S®Trusted VPN Client is the first VPN client approved by the German Federal Office for Information Security (BSI) – up to VS-NfD (RESTRICTED), NATO RESTRICTED and RESTREINT UE/ EU RESTRICTED classification level. R&S®Trusted VPN Client is hardware-independent, allowing it to be deployed on a wide variety of advanced hardware platforms. End users can work with the Microsoft® Windows 10 platform as usual, and in particular without any business interruption. IT administrators manage a software package that can easily be installed on existing systems.
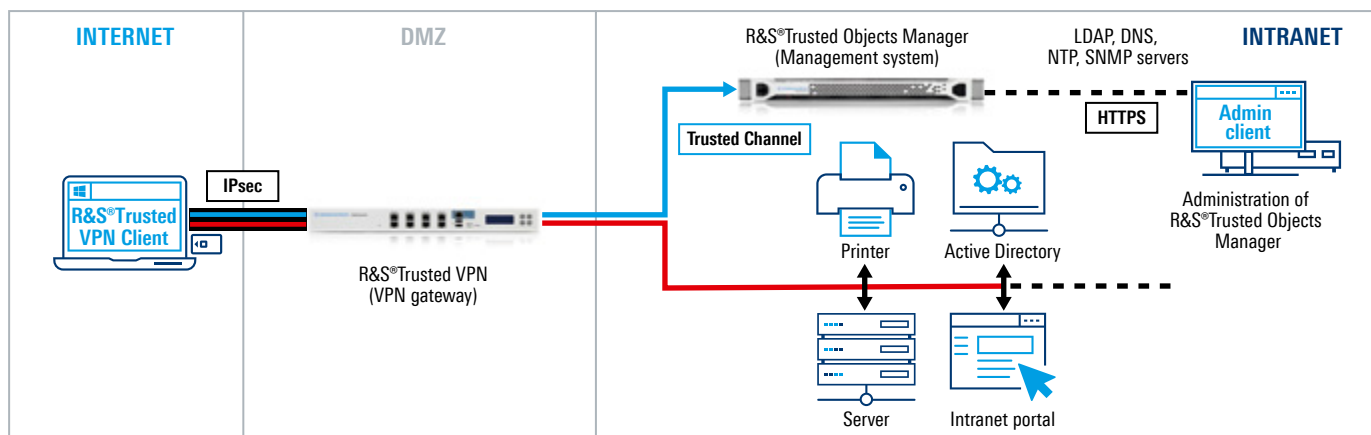
Product flyer
Version 02.01

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Make ideas real

Typical application scenarios

Location-independent working

Employees can conveniently enjoy the advantages of virtual workstations while on the go or in their home office and securely access sensitive data via the internet. This includes emails, documents, VoIP calls and your organization's intranet. Access is possible via LAN, Wi-Fi and mobile networks. Connections through captive portals, e.g. in hotels, are also supported. R&S®Trusted VPN Client automatically logs in to known networks and establishes a VPN connection to your organization's intranet. Your employees can work directly and without restrictions while on the go. They also remain connected to the intranet when the connection technology switches to a different mode.

Data loss prevention

The Microsoft® Windows 10 platform communicates exclusively through the VPN connection. This ensures that sensitive or classified data never leaks out through untrustworthy networks. Even the telemetry data from Windows can only leave the platform through the VPN connection, so it can be blocked in your network.

Friendly Network Detection

Do you also use R&S®Trusted VPN Client within your organization? This use case is supported by integrated friendly network detection over Ethernet. Using a highly secure mechanism, the endpoint determines that it is inside your organization. As a result, it communicates directly with your intranet, without a VPN link.

Your benefits

Protection by BSI-compliant cryptographic methods

The cryptographic methods and security mechanisms are compliant with the current provisions of the BSI for the "RESTRICTED" classification level. In addition, Rohde & Schwarz Cybersecurity is constantly aware of the latest developments in cryptography, so it can offer customers extremely high security even in the post-quantum era.

Flexible, software defined use

R&S®Trusted VPN Client is completely software defined and supports current commercially available hardware platforms. Establishing a VPN connection does not require the use of third-party devices.

Easy and secure administration from a single source

R&S®Trusted VPN Client can be seamlessly combined with other Rohde & Schwarz Cybersecurity solutions. Both R&S®Trusted VPN Client and R&S®Trusted VPN can be managed easily and securely with the central security management system. Existing public key infrastructures (PKI) can also be integrated. Software lifecycle management can be controlled using your existing software deployment system.

Multi-factor authentication

Secure authorization for access to your intranet via VPN is provided by multiple mutually independent authentication methods such as a PIN codes and a smart card, which can be part of your electronic company ID system.

Synergies with complementary solutions

R&S®Trusted VPN Client is seamlessly embedded in the Rohde & Schwarz Cybersecurity product portfolio. This means you benefit from comprehensive IT security along with high convenience. You can use R&S®Trusted VPN Client in combination with the following products:
▶ R&S®Trusted Disk
▶ R&S®Browser in the Box
▶ R&S®Trusted VPN