Rohde & Schwarz Cybersecurity

PRODUCT OVERVIEW

ROHDE & SCHWARZ

Make ideas real

Rohde & Schwarz Cybersecurity

NETWORK ENCRYPTOR

High-speed network encryption on layer 2 and layer 3

Rohde & Schwarz Cybersecurity products for network encryption protect data from espionage and manipulation. They are the cornerstone for secure cross-site communications in layer-2 and layer-3 networks. The network encryptors meet the demanding requirements of government institutions, companies and CRITIS, who can rely on our specially developed, tailored solutions.

We enable our customers to build secure, highly available and scalable network infrastructure in a mix of layer 2 and layer 3. Our central management system ensures easy installation and administration, and its intuitive usability makes it easy to integrate it into existing system landscapes.

ADVANTAGES OF OUR SOLUTIONS:

▶ **Future-proof** with high-performance encryption

▶ Easy and efficient operation through intuitive **central management system**

▶ **Flexible topologies** in layer-2 and layer-3 mix

▶ More than **30 years of crypto competence** and **BSI approvals** (VS-NfD, EU & NATO RESTRICTED)

▶ Reliable and fast **manufacturer support from Germany**

R&S®SITLINE ETH

R&S®SITLine ETH network encryptors are specially designed for sharing large amounts of data in real time – speeds range from 10 Mbit/s to 2x100 Gbit/s.

With R&S®SITLine ETH, you can protect your network's Ethernet connections from manipulation and eavesdropping. The strict focus on network standards facilitates the integration of existing IT networks while maintaining network functions and performance features. Networks that are secured by R&S®SITLine ETH provide highly efficient and effective professional transmission security.

Together with advanced carrier Ethernet services and the long service life of the products, the total cost of ownership (TCO) of a secure network is minimized.

R&S®SITLine ETH is approved by the BSI: VS-NfD, EU & NATO RESTRICTED.

Available variants:
– R&S®SITLine ETH-S
– R&S®SITLine ETH-L
– R&S®SITLine ETH-XL

R&S®TRUSTED VPN

R&S®Trusted VPN was developed with two fundamental goals: highest security and central management.

R&S®Trusted VPN integrates state-of-the-art security standards in their most strict form as a standard strategy and provides the optimal hardware platform. The operating concept follows the system-wide logical relationship of trust between networks and users.

This eliminates the need for individual administration of each device involved.

R&S®Trusted VPN is BSI-approved: VS-NfD, EU & NATO RESTRICTED.

Available variants:
– R&S®Trusted VPN-XL
– R&S®Trusted VPN-L
– R&S®Trusted VPN-S

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ENDPOINT SECURITY

Security for your laptops and PCs

We offer public authorities and companies high-security products
that proactively prevent cyberattacks and the infiltration of malicious code
and malware to endpoint devices.

Our VS-NfD-approved R&S®Trusted VPN Client protects the network com-
munications of Windows-based clients with public authorities or corporate
networks via untrusted connections. The unique approach enables
security and trustworthiness independent of the operating system.

The tried-and-tested VS-NfD-approved hard disk encryption
R&S®Trusted Disk protects sensitive data with secure and transparent
encryption in real time against unauthorized access without limiting
productivity – even on removable storage media.

Our central management tool makes it easy to create and manage
certificates and smart cards.

Our VS-NfD-approved R&S®Trusted Endpoint Suite combines
R&S®Trusted VPN Client and the hard disk encryption to form an IT security
solution for remote endpoint devices – and enables easy connection of
remote users to VS-NfD-classified networks.

R&S®TRUSTED ENDPOINT SUITE

R&S®Trusted Endpoint Suite is a software-based security system for mobile and stationary Microsoft® Windows endpoint devices: The BSI-approved secure VS workstation enables the storage and processing of VS-NfD-classified information.

The system consists of R&S®Trusted VPN Client and the full-disk encryption R&S®Trusted Disk.

As a combined IT security solution for remote endpoint devices, R&S®Trusted Endpoint Suite provides optimally protected endpoints and networks – and enables easy connection of remote users to classified networks.

The solution also offers intuitive and convenient usability, easy administration and flexible hardware selection.

R&S®TRUSTED VPN CLIENT

R&S®Trusted VPN Client protects internal network communications between the client platform and VPN gateway. Mobile devices can securely connect to the company's or organization's intranet, even if the data traffic is routed over the Internet.

The innovative architecture of R&S®Trusted VPN Client allows for a purely software-based security solution while maintaining the high-level of security of a VS-NfD VPN client.

The secure access authorization is provided by several independent authenticationmechanisms such as PIN and smart card. End users use the Microsoft® Windows platform, administrators manage the software package as usual on the existing system.

R&S®Trusted VPN Client is BSI-approved: VS-NfD, EU & NATO RESTRICTED.

R&S®TRUSTED DISK

R&S®Trusted Disk – VS-NfD-approved – provides effective full-disk encryption to prevent access to sensitive data in the event of theft or loss. R&S®Trusted Disk encrypts not only data but also the entire operating system and even temporary files.

R&S®Trusted Disk uses a transparent, real-time encryption method that maintains workstation productivity without interference and provides central management

for R&S®Trusted Disk clients, user groups and roles. This allows for management of the encryption status and rights of all R&S®Trusted Disk clients.

R&S®Trusted Disk even protects access to encrypted removable storage media such as USB flash drives or external hard disks.

R&S®Trusted Disk is BSI-approved: VS-NfD, EU & NATO RESTRICTED.

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MANAGEMENT SYSTEMS

Central security management with intuitive user experience

Security management systems make it easier for authorities and companies to manage products and certificates. Rohde & Schwarz Cybersecurity offers security management systems that meet the highest security requirements and are tailored to the specific solutions and customer requirements.

All offer intuitive user experience based on user processes, central management and easy installation. Your IT administration connects via a secure web interface to manage the entire operational lifecycle of the products on your locally distributed endpoints.Optionally, benefit from the integrated PKI, which you can operate under your own sovereignty, without third parties.

Management systems

▶ R&S®Trusted Objects Manager NE

▶ R&S®Trusted Objects Manager

R&S®TRUSTED OBJECTS MANAGER NE

R&S®TRUSTED OBJECTS MANAGER

With R&S®Trusted Objects Manager NE you can centrally manage your next-generation layer-2 network encryption product portfolio in a simple and intuitive way. The focus is on central and intuitive user experience based on network-specific application scenarios. Additionally, the state-of-the-art REST API allows easy integration into higher-level monitoring and log systems.

With R&S®Trusted Objects Manager you can centrally and easily your complete endpoint and layer-3 network encryption portfolio. Your IT administration connects via a secure web interface to manage the entire operational lifecycle of the products on your locally distributed endpoints. Additionally, benefit from the integrated PKI, which you can operate under your own sovereignty, without third parties.

INDIGO

All-in-one solution for reliably protecting sensitive corporate data when using iPhones and iPads.

Until now, special solutions approved by the BSI for secure mobile communications only existed in the area of protection of classified information.

Indigo is a new security solution developed by the device manufacturer and approved by the BSI for commercial off-the-shelf iPhones and iPads. Even in the case of mixed use (private and business) the solution fulfills the highest demands on data security and data protection up to the level of nationally classified information. At the same time, it is particularly user-friendly, since, for the first time, it allows using pre-installed standard apps for email, calendar and contacts for processing sensitive corporate data.

Together with our partner agilimo, we deliver a highly secure communications infrastructure tailored to your requirements, preconfigured iPhones and iPads as well as infrastructure and management components. Managed services ensure smooth operation.

Service that adds value

- ► Worldwide
- ► Local and personalized
- ► Customized and flexible
- ► Uncompromising quality
- ► Long-term dependability

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