

# Protect your know-how ...

Today's leading-edge high-tech businesses are global organizations. They communicate and collaborate worldwide using different technologies, including e-mail, videoconferencing and Voice over IP.

These communications technologies are crucial to an organization's ability to innovate and sustain its business success.

But they also expose it to the risk of eavesdropping and intellectual property theft.

You act. We protect.  
Encryption & IT security  
by Rohde & Schwarz SIT.



**ROHDE & SCHWARZ**

# ... with Rohde & Schwarz SIT

An organization's product ideas, patents, business and marketing strategies, and manufacturing processes often make up around 70 percent of its intangible assets: Trade and business secrets are fundamental to its ability to create value. Even so, few businesses protect themselves sufficiently to prevent rivals from tapping into their expertise and exploiting their investments. Industrial espionage in Germany alone costs businesses an estimated EUR 20 to EUR 50 billion a year.

Rohde&Schwarz SIT develops smart IT security products for businesses in the high-tech sector. These products combine maximum protection with a minimum of

administrative effort and offer users an optimum price/performance ratio. Our portfolio comprises encryption and security solutions for networks and end-to-end communications. The products also include a range of hardware modules specially designed to enable physical and electronic access control based on highly secure public key infrastructures. Rohde&Schwarz SIT products have been approved by the German Federal Office for Information Security (BSI) and meet even the most demanding requirements when it comes to ease-of-use and transmission rates.

## Selected products



### R&S®SITLine ETH

R&S®SITLine ETH is a family of Ethernet encryptors. They protect companies and organizations against espionage and the manipulation of data transported via Ethernet over landline, radio relay and satellite links. The devices combine easy administration (including separate network and security management) with a compact form factor and low system costs. They are BSI-approved for communications at the German restricted ("VS-NfD") security level.

### TopSec Mobile

The TopSec Mobile is a new device from Rohde&Schwarz SIT that protects mobile communications against tapping on UMTS/LTE and WiFi links. It is a crypto headset designed to work flexibly with today's smartphones, and can be easily operated via a software app. Featuring encryption operating independently of the mobile phone, it provides significantly greater security than other solutions.

### R&S®CryptoServer

The R&S®CryptoServer is a high-performance, tamper-proof cryptographic hardware security module (HSM) for protecting electronic identities, transactions and data. One of its primary areas of use is in public key infrastructures. The R&S®CryptoServer has been certified by the BSI and by the US National Institute of Standards and Technology (NIST).

### R&S®SITGate

The R&S®SITGate is revolutionizing the concept of next-generation firewalls. It maximizes network security by employing a completely application-based approach to positively validate network traffic. The R&S®SITGate analyzes every single network transaction in order to determine its application type and content. Only data that is fully validated and understood can be transmitted. This means that the network is secured against internal and external threats and against data loss.

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