

Protect classified information ...

Safeguarding national security:

Peace and public safety are precious.

Information that is vital to national interests must be kept secret. Unprotected communications can have far-reaching consequences.

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



ROHDE & SCHWARZ

... with Rohde & Schwarz SIT

A country's internal political dealings encompass a wide range of sensitive topics, including economic and fiscal affairs and energy policy. At every level, these dealings revolve around shaping national policy. Internal communications among policymakers, government offices, and public safety and security agencies need to be kept confidential so as to protect and preserve national security. Rohde&Schwarz SIT develops highly secure solutions that ensure absolute confidentiality at all security classification

levels. To safeguard their sovereignty, countries can use their own national cryptographic algorithms. Our portfolio comprises encryption products to protect networks and end-to-end communications. Our products for government use are approved by the German Federal Office for Information Security (BSI) and by the EU and NATO (up to Top Secret and Cosmic Top Secret security classification levels).

Selected products



R&S®MKS9680

The R&S®MKS9680 is a highly secure device for encrypting voice, fax and data for transmission over analog and digital landlines and satellite links. It meets even the most demanding requirements in terms of cryptographic security, emanation security and resistance to mechanical attacks, and is capable of operating in poor-quality networks. It can also be used in IP networks together with the R&S®IP-GATE.



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).

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