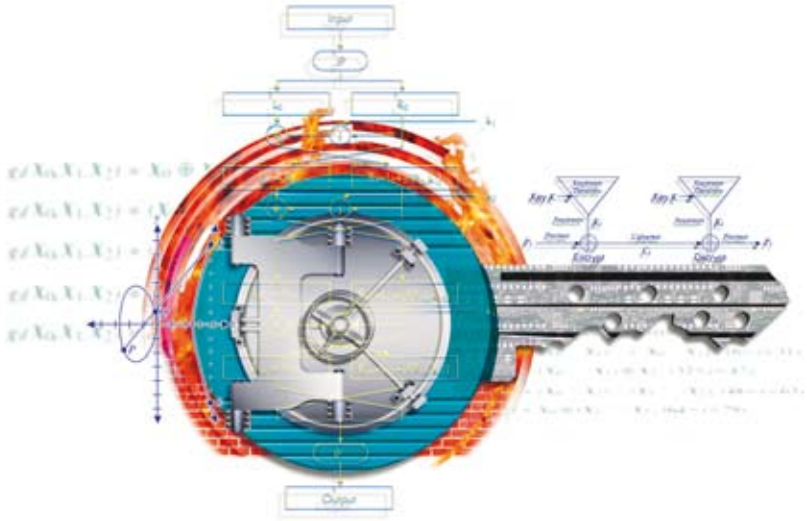
The key …



… to information & communications (I & C) security

Rohde & Schwarz SIT – crypto technology for mission-critical environments

- We offer encryption solutions for the following types of connections:
  - Analog and digital
  - Cable- and radio-based
  - Switched and leased lines
- Analysis, consulting and integration services for I & C security
- Customized software and hardware solutions

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PRODUCT		DESCRIPTION
Voice encryption for transmission via GSM mobile radio		
	**TopSecGSM**	GSM crypto mobile phone for end-to-end speech encoding with all the convenience of a modern mobile phone. TopSecAdministrator adds security by creating closed user groups.
	**TopSec703+**	Encryption of the ISDN B channels (DSS1) on the basic rate interface (see TopSec703); especially suited for encrypting connections from and to the TopSecGSM crypto mobile phone. The unit is connected between the ISDN interface and the terminal equipment, but combinations with telecommunications systems are also possible.
ISDN encryption for business applications		
	**TopSec703**	Encryption of both ISDN B channels (DSS1) on the basic rate interface. The unit is connected between the ISDN interface and the terminal equipment. The transmission mode (plain/encrypted) is selected by prefixing a code number to the numbers of the called stations. Encryption of voice, data, video conferences and fax (group 4, group 3 with a/b adapter).
	**TopSec730**	Designed for use on the ISDN primary rate interface S_{2M} (DSS1) for encrypting up to 30 B channels simultaneously. As many TopSec730 units as needed can be operated in parallel for supplying large telecommunications systems. The transmission mode (plain/encrypted) is selected by prefixing a code number to the numbers of the called stations.
ISDN encryption especially for government applications		
	**ELCRODAT6-2**	High-end ISDN (DSS1) encryption system for secure voice and data transmission of all German and NATO grades of classified information. Available in two models: for basic rate interface (S_0) and primary rate interface (S_{2M}). Consists of encryption units and management, service and logging stations. Can also be used in IP networks.
Encryption of analog voice and fax communications		
	**Optiset E Privacy Module**	Voice-encryption module for analog and digital telephones. It is connected between the telephone and the handset simply by replugging the cables. After setting up the connection, encryption is activated by pressing a key on one of the modules.
	**TopSec711**	Fax and voice encryption unit for analog lines. The unit is connected between the analog public network link, a telecommunications system – or via a terminal adapter in the case of digital networks – and the terminal equipment (fax, telephone).
Broadband encryption		
	**R&S®SITLine**	Individual encryption of up to 4000 separate channels in broadband networks for securing voice communications and data transmission as well as professional video with bandwidths from 16 kbit/s to 622 Mbit/s.

PRODUCT		DESCRIPTION
Encryption devices for military applications		
	**ELCRODAT4-2**	Multimode encryption device suitable for field use, designed for encrypting and decrypting analog and digital messages in stationary and mobile communications systems. Meets AMSG 720B and has been approved for protecting the transmission of all German and NATO grades of classified information. Replaces VINSON, ANDVT, KG 84A/C and other NATO encryption devices. Prepared for dual-mode operation.
	**R&S® MMC3000**	Multifunctional multimode encryption device for customized encryption and decryption of analog and digital messages for out-of-area missions and non-NATO countries. Suitable for civil applications or for field use in stationary or mobile communications systems (e.g. in cabins, wheeled and tracked vehicles, on board ships and aircraft). Includes a key management system of its own and can be expanded by means of modules.
Application-independent encryption of point-to-point dedicated or modem connections		
	**SITLink**	Encryption of communications via synchronous leased lines at transmission rates up to 2 Mbit/s. Installed at both ends of a public leased line, it is transparent for terminal equipment. All payload data of telephone calls, video transmissions, e-mails and files is securely encrypted when sent. The SITLink LSM management system is used for administration, configuration and checking.
	**R&S® SITMinisafe2**	Encryption of data that is transmitted by modem via non-secure networks (such as the PSTN). It is connected between the PC's COM interface (RS-232-C) and the modem. Typical applications: file transfer, access to mailboxes, remote servicing/diagnostics of data transmission equipment, and connection of teleworking stations.
IP encryption		
	**R&S® LineCrypt L**	Protected data transmission via IP networks using an Ethernet connection. The device transmits encrypted data via an IP tunnel. Using two or several R&S®LineCrypt L devices, you can set up a secured virtual private network (VPN) in an unsecured network.
Application-independent encryption of files and e-mail		
	**SafeIT**	Software security module for encrypting files and directories, as well as e-mail in Lotus Notes and Outlook 2000. It can be integrated into existing Windows applications that use the context menu of the Windows GUI, and offers convenient operation, clear dialogs and ease of configuration. The program supports the generation and management of keys.

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www.rohde-schwarz.com
Rohde & Schwarz SIT GmbH · Am Studio 3 · D-12489 Berlin · +49 30 65884-223 · Fax +49 30 65884184
E-Mail: info.sit@rohde-schwarz.com · www.sit.rohde-schwarz.com