

# Protect your missions ...

**Operations launched to protect societies – from peacekeeping to humanitarian aid and disaster relief – involve serious risk.**

The primary goal is to protect life and limb. Information superiority can make the difference between success and failure.

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



**ROHDE & SCHWARZ**

# ... with Rohde & Schwarz SIT

Commanding and controlling personnel on missions efficiently calls for fast access to precise information. Maintaining information superiority across different classification levels has the utmost priority. This means protecting voice, data, imagery and video transmitted over landline, radio relay and satellite links effectively. That way, tactical and strategic communications remain absolutely confidential. Long-term product availability and the interoperability of solutions with existing equipment are also important factors.

Rohde&Schwarz SIT develops highly secure solutions for protecting mission-critical communications. Our portfolio comprises encryption products covering all security classification levels to protect networks and end-to-end communications. Our products for military 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



### ELCRODAT 4-2

The ELCRODAT 4-2 is a multimode encryption device suitable for field use. It encrypts and decrypts analog and digital messages in stationary and mobile communications systems. Capable of airborne use, it is backward compatible with many types of legacy equipment and is approved for protecting the transmission of all German and NATO levels of classified information.



### ELCRODAT 5-4

The ELCRODAT 5-4 encrypts voice and data signals in analog and ISDN networks. It provides secure end-to-end encryption, which protects messages against eavesdropping and manipulation attacks along the entire transmission path, even across more than one network. It is approved for protecting the transmission of all German and NATO levels of classified information.



### R&S®MMC3000

The R&S®MMC3000 is a multimode multirole encryption device. It has a slot for a customer-specific crypto board and allows customized encryption and decryption of analog and digital data. The R&S®MMC3000 is also suitable for international customers. With its own key management system and its ability to accept expansion modules, it is customizable.



### R&S®FT5066

The R&S®FT5066 is a trusted filter. The device incorporates firewall functionality for red/black separation for control information in radios and modems. The firewall functionality is optimized for STANAG5066, but it can also be modified to suit customer-specific requirements. The device conducts separate and independent self-tests to continuously ensure its integrity.

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