

Sovereignty

Secure national communications
solutions for the armed forces



ROHDE & SCHWARZ



Turning military communications into a sovereign territory

Today's military missions are typically based on joint and combined missions in a multinational environment. A key factor for the success of such missions is the ability to gain information superiority through network centric operations. Effectiveness and survivability depend on this.

In the digital era, information superiority is taking on a new, expanded meaning. The ability to store, share and interpret a large number of data sets on the digital battlefield calls for sustainable solutions to effectively protect this data in information spaces.

SOVERON® stands for more than fully integrated, high-performance and scalable trusted communications solutions for all branches of the armed forces. SOVERON® enables customers' digital sovereignty and gives them the greatest possible independence from manufacturers.

The prerequisite for digital sovereignty is technological independence. Technological independence is a core value for Rohde&Schwarz. And it is a vital part of what we offer customers and other industrial companies.

SOVERON



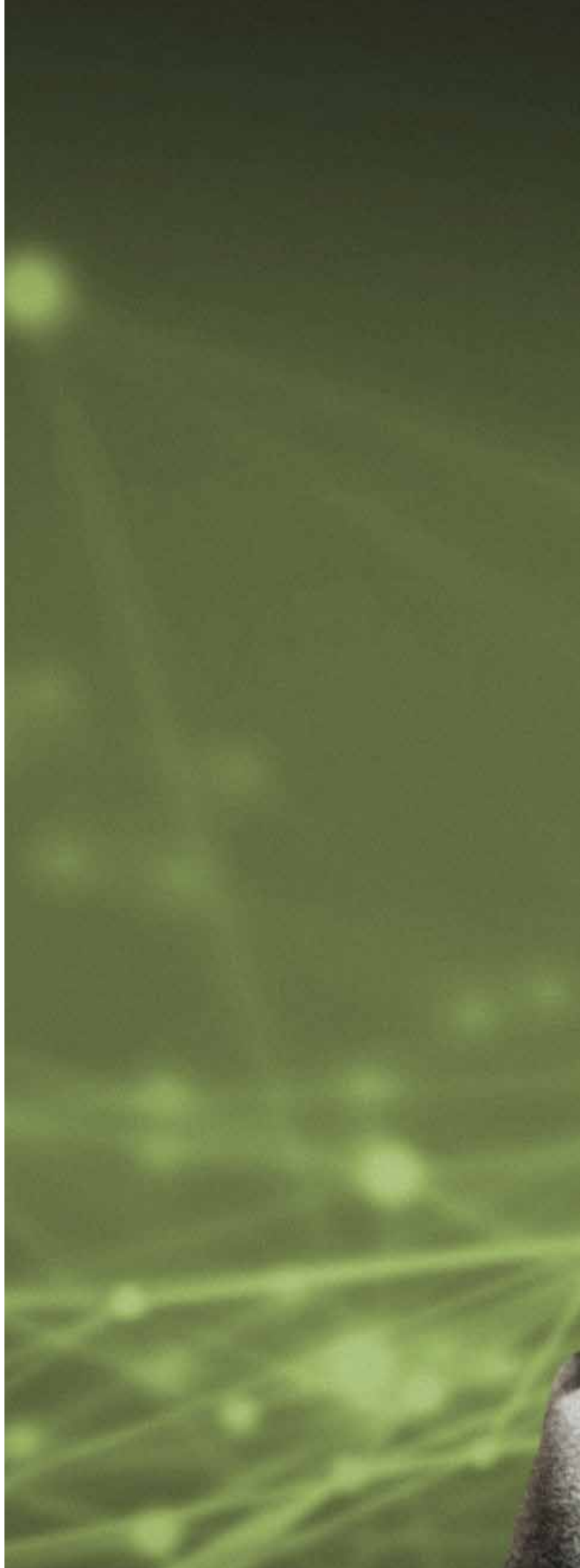
National communications solutions

The philosophy of strengthening customers' digital sovereignty is realized in an open waveform development environment. This environment is what makes it possible to develop a national, autonomous waveform and makes customers independent. During the initial phase, Rohde & Schwarz will train and support the customer, even in-country, until full autonomy is achieved.

The process has already proven itself in the German SDR program, where proprietary waveforms of third-party OEMs have been ported to achieve backwards compatibility. Modern SCA based waveforms have also been integrated.

100

A manufacturing depth of almost 100% ensures data and interface control to the last detail.





// The ability to design, develop and implement waveforms and cryptology myself allows me to create a national solution. //

Reliable platform integration

An essential part of the development process is the continuous and intensive exchange of expertise with industrial partners to eliminate platform integration risks.

A manufacturing depth of almost 100 % ensures data and interface control down to the last detail. Rohde & Schwarz is both system integrator and the manufacturer of core components. This leads to higher performance, efficiency and reliability.

300

Around 300 products or
improvements are
launched every year.





POWER

BATTERY

GPS

AUDIO

VIDEO

Information superiority

Rohde&Schwarz offers high data rate and IP-based waveforms to achieve information superiority on the digital battlefield. Applications range from secure voice to high-speed tactical data covering all scenarios in today's military missions.

SOVERON® WAVE enables robust and high-speed data transfer in a fast-moving, harsh environment. Anti-jam capabilities through fast frequency hopping plus advanced encryption technologies, simultaneous voice and data transmission and embedded mobile ad-hoc networking (MANET) capability are just a few examples of this superior technology.

8000

**More than 8000 airborne
radios delivered in more than
70 platforms worldwide.**



A close-up portrait of a man in a military uniform, likely a pilot, against a blue sky background. The man is looking slightly to the right with a serious expression. He is wearing a dark uniform jacket with a pilot's wing emblem on the lapel and a pilot's rank insignia on the shoulder. The text is overlaid on the left side of the image.

// Information superiority based on scalable,
interoperable communications equipment.
Just what I need to manage a recognized
air picture in every situation. //

Trusted communications architecture

Rohde&Schwarz offers the armed forces open, interoperable and modular communications systems based on standardized technologies. The company's portfolio ranges from portable devices for dismounted soldiers to stationary applications and integrated systems for use in airborne platforms, vehicles and ships.

40

**More than 40 navies count
on C2 and C4I solutions
from Rohde&Schwarz.**





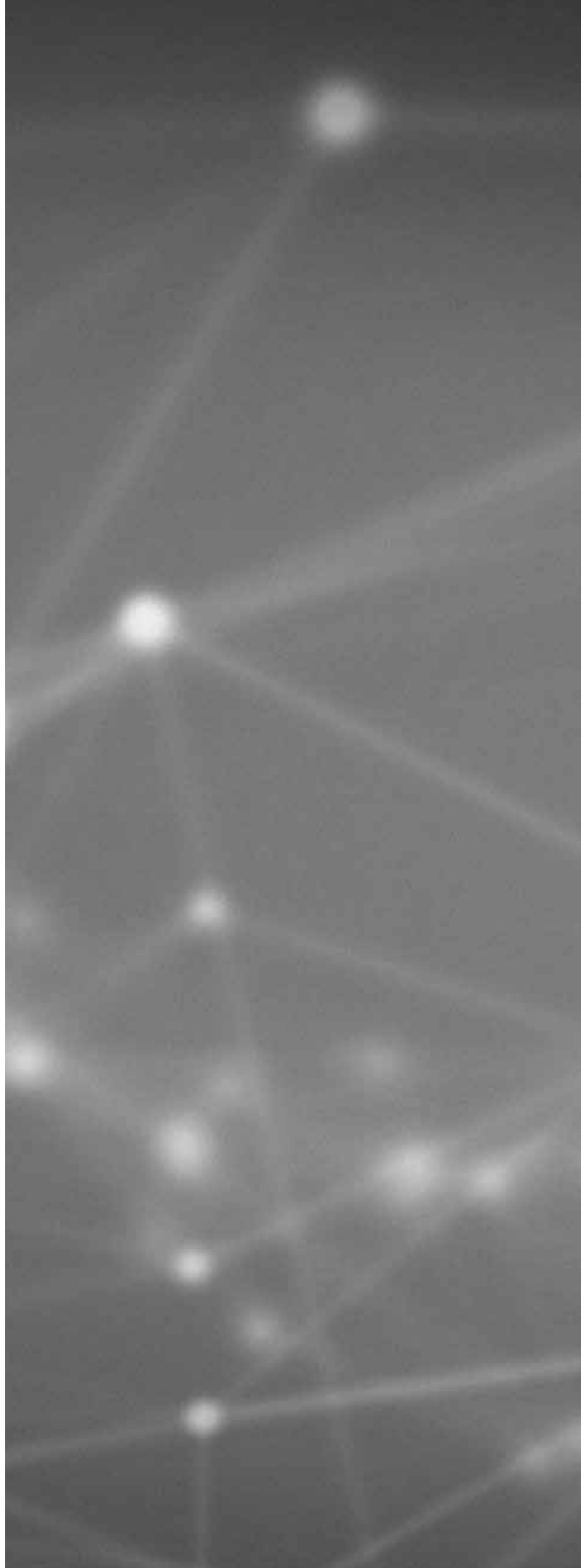
// A secure communications architecture is best implemented by a partner who combines the key components radio, cryptology and routing into a coherent whole. //

Independent privately owned manufacturer and system partner

Rohde&Schwarz is the only leading manufacturer of software defined radios who is completely independent. The company plans in the long run and does not think in terms of quarters. The resulting entrepreneurial freedom allows us to orient all our business processes towards sustainability – from product planning to employee loyalty and trusting partnerships with government and industrial customers and partners.

11500

Approx. 11,500 employees in more than 70 countries, with Rohde & Schwarz subsidiaries in approximately 60 of these countries. Service on site 24/7.



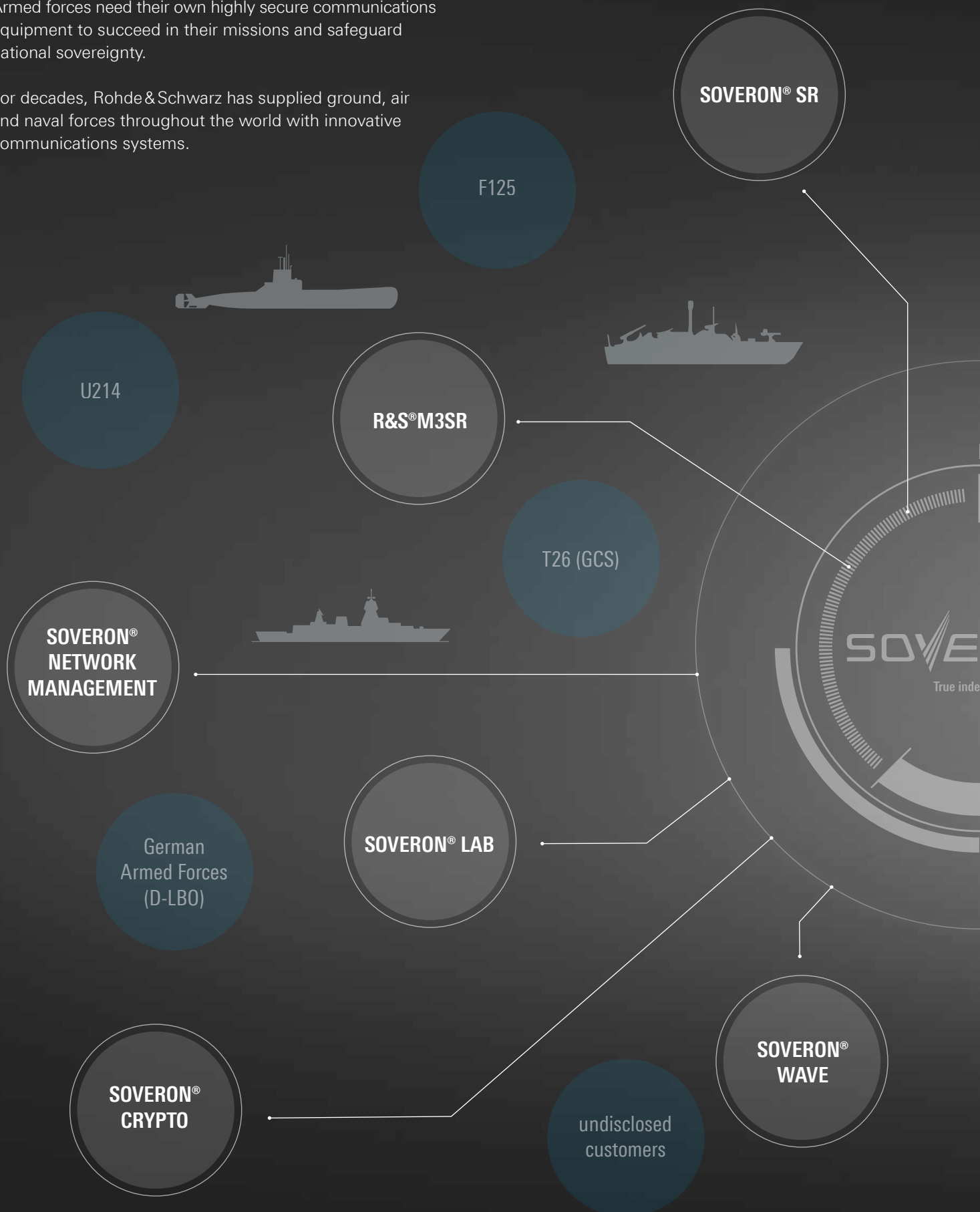


// True independence and digital sovereignty
require a technology partner who is fully
independent of third-party interests. //

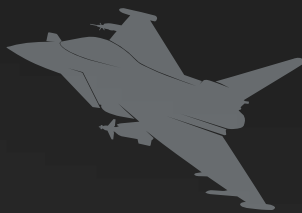
Successful deployments

Armed forces need their own highly secure communications equipment to succeed in their missions and safeguard national sovereignty.

For decades, Rohde & Schwarz has supplied ground, air and naval forces throughout the world with innovative communications systems.



Eurofighter
Typhoon



GRIPEN

R&S[®]M3AR

A400M



H145M

SOVERON[®] AR

RON

pendence is a choice

SOVERON[®] D

BOXER

SOVERON[®] VR



SOVERON[®] HR

PUMA



Service that adds value

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

Rohde & Schwarz

The Rohde & Schwarz electronics group offers innovative solutions in the following business fields: test and measurement, broadcast and media, secure communications, cybersecurity, monitoring and network testing. Founded more than 85 years ago, the independent company which is headquartered in Munich, Germany, has an extensive sales and service network with locations in more than 70 countries.

Sustainable product design

- Environmental compatibility and eco-footprint
- Energy efficiency and low emissions
- Longevity and optimized total cost of ownership

Certified Quality System

ISO 9001

Certified Quality System

ISO 14001

Certified Quality System

AQAP-2110

Rohde & Schwarz GmbH & Co. KG

www.rohde-schwarz.com

Regional contact

- Europe, Africa, Middle East | +49 89 4129 12345
customersupport@rohde-schwarz.com
- North America | 1 888 TEST RSA (1 888 837 87 72)
customer.support@rsa.rohde-schwarz.com
- Latin America | +1 410 910 79 88
customersupport.la@rohde-schwarz.com
- Asia Pacific | +65 65 13 04 88
customersupport.asia@rohde-schwarz.com

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