

SOVERON®

Your turnkey supplier
for secure naval
communications
solutions



Information superiority is vital to effectiveness and survivability during missions. Key factors to mission success are the reliability, security, flexibility and system capability of the deployed communications solution.

SOVERON® provides secure and reliable communications networks for all branches and command and control levels of the armed forces to help you carry out your missions.

Rohde & Schwarz, an independent, privately-owned company

The German company offers innovative solutions in all fields of wireless communications. Thanks to long-standing experience and in-house product development, Rohde & Schwarz is the center of excellence when it comes to creating high-quality solutions in state-of-the-art communications engineering, enhanced by expert knowledge in cybersecurity.



The five pillars of SOVERON®

Turnkey supplier for secure naval communications solutions

Rohde & Schwarz has decades of experience in naval communications. As a system integrator, the company offers communications solutions for all kinds of advanced naval platforms. These solutions meet complex requirements and provide outstanding reliability in any type of scenario.

■ **Integrated communications systems (ICS)** – from design to integration to operation to lifecycle support
Based on customer requirements and on the concept of operations (CONOPS), the company provides a customized solution and full support over the entire lifecycle.

■ **Information security – a must**

An integrated security framework allows messages to be encrypted and then authenticated with a digital signature. This ensures confidential handling of messages as well as the authenticity of the user's identity and the message.

■ **IP – the future of communications networks**

Network centric operations require standardized message formats, transport protocols and transmission methods so that advanced military networks on land and at sea can also make use of the Internet protocol (IP).



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

Situational awareness in real time

To ensure network centric operations, a modern navy needs applications for secure information exchange. The customized solutions offered by Rohde&Schwarz meet the specific requirements of today's naval forces. Videos, situational pictures and voice information are transmitted in parallel, bringing situational awareness to all participants in ship-to-ship, ship-to-air and ship-to-shore communications. Distributed nationwide secure military message handling system that integrate the entire fleet into a single, homogeneous communications infrastructure.

Interoperable communications

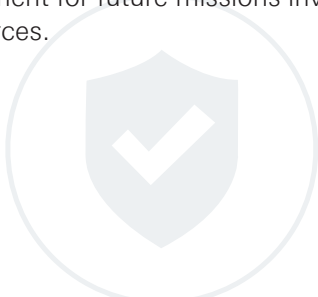
Interoperability is a must for joint and combined operations and for Partnership for Peace (PfP) missions. As network centric operations become ever more important, there is a growing demand for standardized communications protocols. Military messaging in particular is increasingly vital for mission success. Rohde&Schwarz provides backward compatibility with established radio systems and makes your systems a safe investment for future missions involving multiple, different forces.

National security

As the customer and user, you make your own decisions as to the level of security and trustworthiness you require. Rohde&Schwarz offers you the option to configure and operate your communications solutions fully autonomously – to protect your systems against any intrusion or intervention. Highly secure encryption algorithms and fast frequency-hopping techniques safeguard your communications against eavesdropping and jamming.

Customized support service during lifecycle

Rohde&Schwarz provides a full range of system lifecycle, maintenance and operational system support services for the communications system. As such, Rohde&Schwarz is able to act as single point of accountability for the business and technical elements of the in-service support program. This includes fulfilling operational and equipment availability criteria, ensuring system worthiness and making certain that system support is sustainable and cost-effective in the long term. The scope of services is tailored to your requirements and expectations.



Service that adds value

- Worldwide
- Local und personalized
- Customized and flexibel
- 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 80 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 Management
ISO 9001

Certified Environmental Management
ISO 14001

Certified Quality Management
AQAP-2110

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