SOVERON®
Your reliable partner for secure and safe airborne radiocommunications

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®

Meets both civil and military avionic standards

Since airspace worldwide is used largely for civil purposes, military aircraft must also meet civil standards in order to pass this airspace without restrictions. The SOVERON®AR can be used as a primary ATC radio. It is the only software defined airborne radio on the market that also meets civil safety avionic standards, providing full independence for unrestricted joint civil-military operations.

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

Designed for ease of integration

An essential part of the airborne radio development process is the continuous and intensive exchange of expertise with industrial partners to eliminate platform integration risks. Like no other radio, the SOVERON®AR was designed to ease the integration effort. It goes without saying that the radio has been qualified in accordance with all relevant military and civil standards to minimize additional platform-specific qualification.

Assured command and control (C2) superiority

Rohde & Schwarz offers state-of-the-art wideband waveforms to achieve information superiority. The application ranges from pure voice to high-speed tactical data covering all scenarios of airborne platforms. The waveforms permit reliable and secure communications in a fast-moving, harsh environment. Fast frequency hopping, advanced encryption technologies, simultaneous voice and data transmission and an embedded mobile ad hoc networking (MANET) capability are just a few examples of a superior technology.

Customized national data link solutions

Based on the internationally accepted standard SCA, the strict separation between the radio platform and the waveform application allows customers to fully modify his part of the radio in line with national requirements. Developing an indigenous national waveform including the crypto algorithm gives customers true independence. During the initial phase, Rohde & Schwarz will train and support the customer, even in-country, until full autonomy is achieved.

Customized support service during product lifecycle

Every system and every device requires expert maintenance to ensure its availability in missions throughout the entire product lifecycle. This is why Rohde & Schwarz offers a wide range of support: the service partner program. As a service partner of Rohde & Schwarz, customers are able to service Rohde & Schwarz airborne transceivers on their own. If necessary, Rohde & Schwarz will provide support with its central service organization in Germany.

Service that adds value

ı Worldwide
ı Local und personalized
ı Customized and flexibel
ı Uncompromising quality
ı 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

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

Certified Quality Management	Certified Environmental Management
ISO 9001	ISO 14001

Certified Quality Management	Certified Quality Management
AQAP-2110	ISO 9100

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