

Rohde & Schwarz Demonstrates Advanced C-UAS Capabilities at NATO TIE 2024

Rohde & Schwarz successfully showcases its ARDRONIS family at the NATO Technical Interoperability Exercise 2024. Fully compliant with the updated SAPIENT standard protocol, ARDRONIS is committed to effectively countering drones.



Rohde & Schwarz' ARDRONIS Effect was tested at the NATO TIE exercise. (Photo: Rohde & Schwarz)

Rohde & Schwarz, a leading provider of counter uncrewed aerial systems (C-UAS), is showcasing its ARDRONIS C-UAS family, integrated through the updated SAPIENT standard protocol, at the NATO Technical Interoperability Exercise (TIE) event in Vredepeel, Netherlands. The exercise brings together civilian and military specialists, as well as over 60 industry participants, to test counter-drone technologies and ensure seamless communication and integration between different

systems.

The ARDRONIS C-UAS family automatically detects and identifies drones based on their radio signals, providing a robust defense against the growing threat of uncrewed aerial vehicles (UAVs). The SAPIENT protocol enables data from sensors and effectors to be converted into a common language and shared across networks, supporting the CUAV mission.

“We are committed to the SAPIENT interface and supporting the standardization system of NATO for CUAS systems,” said Markus Eiber, Vice President Spectrum Monitoring & CUAV Systems, Rohde & Schwarz. “Testing the SAPIENT interface is crucial as our goal is to simplify the integration of our system into larger systems. This ensures that our C-UAS solutions can effectively work together with other systems to counter the rapidly evolving drone threat.”

For the first time, Rohde & Schwarz’ ARDRONIS Effect was tested at the NATO TIE exercise. ARDRONIS Effect is designed to stop drones that are manually controlled via RF and provides a range of reactive and non-reactive jamming modes. ARDRONIS Effect is an effective solution against modern drone communications links used in different scenarios.

Rohde & Schwarz is dedicated to supporting the standardization system of NATO and is committed to ensuring the compatibility of its C-UAS solutions with other systems on the market. By participating in the NATO TIE exercise, the company is demonstrating its commitment to advancing the development of effective counter-drone technologies.