



PRESS RELEASE

Austro Control and Rohde & Schwarz celebrate successful collaboration in modernizing air traffic communication systems

Successful implementation of R&S Series4200 software defined radios from Rohde & Schwarz enables Austro Control to modernize the country's radio stations and enhance air traffic management capabilities.

Vienna, January 28, 2025 – Rohde & Schwarz is pleased to announce the successful completion of Austro Control's VHF Concept Implementation 2020 Project, a significant milestone in the modernization of Austria's radio stations and the enhancement of air traffic management (ATM) capabilities. This achievement not only highlights Rohde & Schwarz' state-of-the-art technology but also underscores the proactive and exemplary collaboration between Rohde & Schwarz and Austro Control.

Through this project, Austro Control has integrated EUROCAE ED-137/C compliant VoIP (Voice over Internet Protocol) radios from Rohde & Schwarz into its radio stations. These advanced radios, along with upgrades to the infrastructure, data connections, monitoring, and control systems, have played a key role in the success of the SESAR Deployment Programme, specifically within Family 3.1.2 Management of Predefined Airspace Configurations in Austria.

The implementation of Rohde & Schwarz VoIP technology provides Austro Control with greater flexibility in allocating radio frequencies, facilitating dynamic airspace configurations that enhance flight efficiency and reduce environmental impacts. This flexibility is essential for managing air traffic from multiple units, enabling the merging and/or segregating of individual sectors to manage capacity constraints more effectively during both peak and off-peak times.

Importantly, Austro Control's contributions have been pivotal in advancing the technology. For example, Austro Control significantly contributed to the development of the R&S Series4200 VoIP, identifying performance challenges that were subsequently addressed by Rohde & Schwarz in the FW11.30 update. Furthermore, Austro Control has been a pioneer in automated radio maintenance, helping position the R&S CMA180 (with the CMARun automated test suite) testing device as a state-of-the-art measurement tool in the industry.

Daniel Moser, Project Manager at Austro Control, expressed his satisfaction with the program's success, stating, "The completion of this modernization program reflects our commitment to delivering top-tier air traffic management services. Working alongside Rohde & Schwarz, we not only implemented cutting-edge technology but also co-developed solutions that enhance operational efficiency."

Marius Münstermann, Vice President Market Segment ATC at Rohde & Schwarz commented: "Our collaboration with Austro Control is a prime example of how partnership can drive innovation and excellence in air traffic management. Austro Control's proactive involvement has been instrumental in refining our products, making this a true win-win situation."

The R&S Series4200 software defined radios (SDR) have now been deployed in over 90% of countries worldwide, demonstrating excellent reliability and field-proven interoperability with any IP VCS. These radios are part of CERTIUM, an advanced ATC communications suite from Rohde & Schwarz that sets new standards in safety and efficiency.

Together, Rohde & Schwarz and Austro Control have set a new benchmark in air traffic communication, reaffirming their commitment to advancing aviation technology for safer and more efficient skies.

At AVALON Airshow in Australia, March 25-30, visitors to the Rohde & Schwarz booth will be able to see the company's comprehensive ATC portfolio.



Caption: Rohde & Schwarz and Austro Control have set a new benchmark in air traffic communication. (Image: AdobeStock / unclpodger)

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Rohde & Schwarz

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