

Romanian Air Force to receive nationwide upgrade to air navigation capability from SYSTEMS INTERFACE

19th March 2025

Systems Interface Ltd has signed a major contract with the Romanian Government that will see the delivery of navigation systems at 7 Air Force locations across the country.

Following an international tender, Systems Interface agreed a framework contract with the government foreign defence trade organisation, ROMTEHNICA for the turnkey provision of 13 Non-Directional Beacon (NDB) systems. The contract scope requires Systems Interface to provide the complete site infrastructure. In addition to the dual redundant NDBs, this will include the provision of equipment shelters, power back-up systems, telecommunication facilities, antennas and masts.

The solution is based around the VR125S-RD-B: 125 W NDB from Nautel, who is a long-term supply partner to Systems Interface. A comprehensive logistics support package is included which covers spares, installation, commissioning, and training. The reliability of the system is underlined by the provision of a 10-year warranty.

An NDB is a low frequency radio transmitter that transmits a signal of equal strength in all directions. NDBs are often associated with Non-Precision Approach procedures. The signal contains a coded element which is used for station identification. Automatic Direction Finding (ADF) equipment on board aircraft uses bearings from NDBs for navigation purposes.

“NDBs are the longest established of today’s navigation aids with their use stretching back to the 1930s. It is a testament to their rugged and reliable performance characteristics that ensures they are still an essential component in today’s evolving airspace requirements,” commented David Chandler, Sales and Business Development Director at Systems Interface.

About RoAF (The Romanian Air Force)

The Romanian Air Force (RoAF) is the air force branch of the Romanian Armed Forces. It was founded in 1913 and is headquartered in Bucharest. The RoAF have an air force headquarters, an operational command, five air bases, a logistics base, an air defence brigade, an air defence regiment and an ISR brigade. Reserve forces include one air base and two airfields. In 2022, the Romanian Air Force employed 11,700 personnel. The RoAF is part of NATO and plays a role in aerial warfare.

About Systems Interface | Member of the Frequentis Group

Systems Interface is UK based Global Air Traffic Management (ATM) systems integrator providing full Air Traffic Management (ATM) capabilities encompassing the delivery of turnkey solutions in the domains of navigation, ATC towers, communication, surveillance, meteorology, solar airfield lighting and technical design consultancy.

Based in Bordon, Hampshire, Systems Interface is a member of the Frequentis group, headquartered in Vienna. In 2024, the company received the prestigious Kings Award for Enterprise in the International Trade category.

Systems Interface has an established reputation for delivering Total Airport Solutions to the highest quality standards with an unwavering commitment to excellence and customer satisfaction.

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