
PRESS RELEASE

NATO AWARDS CONTRACT TO LEONARDO FOR THE RAT 31 DL/M AIR DEFENCE RADAR

The radar will be operated by the German Air Force, which has two other systems - already in service since early 2010s - that will undergo a midlife-upgrade

More than 70 RAT 31 systems sold worldwide, both in the mobile and fixed variants

Paris, 19/06/2023 - Leonardo has been awarded a contract by the NATO Support and Procurement Agency (NSPA) for the supply of a new RAT 31 DL/M long-range deployable air defence radar (DADR). This will be the third Leonardo DADR system to be used by the Luftwaffe (German Air Force), which has already in service two sensors since the early 2010s. The scope of supply completes also the technological upgrade of the first two German Air Force's RAT 31 DL/M for which other contracts have been recently signed. Support activities such as logistic studies, training and operational start-up are also included.

It is the first time since the 1990s, NSPA has acquired a complete radar system. The contract also confirms the field proven support capabilities demonstrated by Leonardo and the Agency.

The RAT31 DL/M is a L-band solid-state 3D surveillance radar, designed to protect large portions of territory thanks to its wide range. The sensor is part of a family of long-range systems with surveillance, air defence, and missile capabilities, including ballistic missiles, in support of homeland security and operational missions. The RAT 31 DL/M can adapt to the challenges posed by a broad range of operational scenarios, including those where it has to face jamming and heavy clutter at the same time. Its highly reliable technology allows for a "graceful degradation", meaning that even if some modules fail, the radar sustains its overall performance.

Leonardo has sold over 70 RAT 31 (Fixed and Mobile version) in 18 countries worldwide. The radar is a crucial component of NATO's air defence capabilities; its architecture meets the Alliance standards, enabling full interoperability during multinational missions.

[Link to picture](#)
[Link to the video](#)

Leonardo is a leading global Aerospace, Defence and Security (AD&S) company. With 51,000 employees worldwide, it operates in the fields of Helicopters, Electronics, Aircraft, Cyber & Security and Space, and is a key partner in major international programmes including Eurofighter, NH-90, FREMM, GCAP and Eurodrone. Leonardo has significant industrial capabilities in Italy, the UK, Poland, the US and Israel and also operates through subsidiaries, joint ventures and stakes, including Leonardo DRS (80.9%), MBDA (25%), ATR (50%), Hensoldt (25.1%), Telespazio (67%), Thales Alenia Space (33%) and Avio (29.6%). Listed on the Milan Stock Exchange (LDO), Leonardo reported new orders of €17.3 billion in 2022, with an order backlog of €37.5 billion and consolidated revenues of €14.7 billion. The company is included in the MIB ESG index and has been part of the Dow Jones Sustainability Indices (DJSI) since 2010.

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