PRESS NOTE

Leonardo's PRS receiver achieves first certification for defence and emergencies throughout Europe

It is the first and only device to be accredited for use throughout the continent. Thanks to this accreditation, civil and military bodies will have access to Galileo's PRS service for secure and accurate positioning and navigation information essential for public security.

Rome, 26/03/2025 – Leonardo has designed, developed, and built the only receiver specifically conceived for the ultra-secure Public Regulated Service (PRS) - provided by the Galileo satellite navigation service - which is currently accredited for use throughout Europe.

The device - produced at the Leonardo plants for the Italian Space Agency and under the coordination of Italy's Competent PRS Authority, expressed by the Department of Information Security - Central Secrecy Office - has won the approval of the Council of the European Union for IT (Information Technology) security products after successfully completing the process that requires double cryptographic evaluation.

In fact, in line with the directives of the Council of the EU, the receiver was first nationally certified and then tested by a second Authority (Appropriately Qualified Authority - AQUA), chosen from those recognised by the Council for the European certification of cryptographic products.
A series of rigorous tests has demonstrated the device's high level of security under various aspects:

- Computer operations (computer security)
- Encryption for the protection of information (communications security)
- The prevention of information leaks caused by electromagnetic emissions from terminals (emission security).

With its recently awarded certification, the Leonardo receiver will enable all authorised bodies, both civil and military, to access the PRS service of the European Galileo satellite programme, the most accurate worldwide. This encrypted, secure, and resilient service is accessible only to EU Member State government authorised users and provides positioning, navigation, and synchronization data for sensitive applications, including defense, fire services, health services, search and rescue, police, coastguards, and civil protection. The Leonardo receiver is installed on board the vehicles of bodies that use the PRS service to provide reliable, accurate, and cyber-protected information.

The Leonardo receivers are now ready to be sent to Prague, where the EU Agency for the Space Programme (EUSPA) has its headquarters, for tests on the PRS signal in various European countries. This is a preparatory step before the service becomes fully operational. The first device was installed and is now operational at the Galileo security center in Paris.

More information about Galileo
A flagship programme of the EU, Galileo is managed and funded by the European Commission. Since its inception, ESA leads the design, development and qualification of the space and ground systems, as well as procuring launches. ESA is also entrusted with research and development activities for the future of Galileo within the EU programme Horizon Europe. The EU Agency for the Space Programme (EUSPA) acts as the service provider, overseeing the market and application needs and closing the loop with users.
Galileo is the most accurate satellite navigation system in the world, serving more than four billion people and devices globally. All smartphones sold in the European Single Market are now guaranteed Galileo-enabled. In addition, Galileo is making a difference across the fields of rail, maritime, agriculture, financial timing services and rescue operations. Galileo provides positioning and navigation services that are accessible free of charge to the public, as well as ad hoc services for specific applications and an encrypted service, the PRS (Public Regulated Service), which is accessible only to users authorised by governments of the EU Member States. Galileo's precision and accuracy is also made possible through the technological contribution of the Leonardo Group, which plays a leading role in both the land and the space-based components of the programme.

Leonardo is an international industrial group, among the main global companies in Aerospace, Defence, and Security (AD&S). With 53,000 employees worldwide, the company approaches global security through the Helicopters, Electronics, Aircraft, Cyber & Security and Space sectors, and is a partner on the most important international programmes, within these sectors, such as Eurofighter, NH-90, FREMM, GCAP, and Eurodrone. Leonardo has significant production capabilities in

Italy, the UK, Poland, and the USA. Leonardo utilises its subsidiaries, joint ventures, and shareholdings, which include Leonardo DRS (72.3%), MBDA (25%), ATR (50%), Hensoldt (22.8%), Telespazio (67%), Thales Alenia Space (33%), and Avio (29.6%). Listed on the Milan Stock Exchange (LDO), in 2023 Leonardo recorded new orders for €17.9 billion, with an order book of €39.5 billion and consolidated revenues of €15.3 billion. Included in the MIB ESG index, the company has also been part of the Dow Jones Sustainability Indices (DJSI) since 2010.

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