

## **Leonardo accelerates towards 5G with broadband communication solutions for public security and professional markets**

- **Signed an agreement with Alea, a company specialising in software applications for mission critical communications. The collaboration is for the development of next-generation 3GPP (Third Generation Partnership Project) solutions**
- **The latest broadband technologies are starting to find uses with professional operators complementing PMR (Professional Mobile Radio) systems, resulting in new functionalities and advanced devices**
- **Leonardo, a global supplier of secure communications systems, plays a leading role in the development of LTE (Long Term Evolution) and 5G technologies for mission critical applications, in line with the investment objectives in key technologies outlined in its Business Plan**

**Rome, 27 June 2019 - Leonardo has signed an agreement with Alea, a company specialising in mission critical communication software, for the joint development of multimedia broadband solutions for the public security and professional markets.** The announcement was made alongside the Critical Communications World 2019, a landmark event in the professional communications sector ended on 20 June, where Leonardo attended.

**The solutions developed will leverage the specifications developed by the 3GPP standardisation body for mission critical communications on LTE:** voice (MC-PTT: Mission Critical Push-To-Talk), video (MC-Video: Mission Critical Video) and data (MC-Data: Mission Critical Data). They will also contribute to decisively drive future developments towards 5G networks.

**The agreement signed is important for the expansion of Leonardo's portfolio of solutions and services and is part of a strategy of evolution for the professional communications market, characterised by growing demand for narrowband and broadband integrated solutions adhering to international standards.** Mobile radios based on the European standard TETRA (Terrestrial Trunked Radio) are expected to be the best operational choice for many years to come but the ability to connect to LTE and 5G in future is becoming a must. Leonardo fully understands these additional needs and is able to play a key role in the evolution path towards next generation mission critical mobile services.

**Through this agreement, Leonardo confirms its role as a leader in the design, development and supply of new generation services and communication systems for emergency and public safety applications (PPDR - Public Protection and Disaster Relief):** from solutions based on TETRA and DMR (Digital Mobile Radio) to those for LTE / 5G networks, from operational rooms for physical and cyber security to advanced multimedia services.

Alea is an innovative Italian SME that boasts decades of experience in developing applications for mission critical communications. The agreement with Leonardo confirms Alea as one of the liveliest companies in the professional communications sector and will allow the company to promote its solutions also in other markets.

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**Leonardo**, a global high-technology company, is among the top ten world players in Aerospace, Defence and Security and Italy's main industrial company. Organized into five business divisions, Leonardo has a significant industrial presence in Italy, the United Kingdom, Poland and the USA, where it also operates through subsidiaries such as Leonardo DRS (defense electronics), and joint ventures and partnerships: ATR, MBDA, Telespazio, Thales Alenia Space and Avio. Leonardo competes in the most important international markets by leveraging its areas of technological and product leadership (Helicopters, Aircraft, Aerostructures, Electronics, Cyber Security and Space). Listed on the Milan Stock Exchange (LDO), in 2018 Leonardo recorded consolidated revenues of €12.2 billion and invested €1.4 billion in Research and Development. The Group has been part of the Dow Jones Sustainability Index since 2010.