

## INDRA CHAIRS THE NEW EUROCAE GROUP THAT WILL STANDARD THE ANTI-DRONE TECHNOLOGY THAT WILL PROTECT AIRPORTS AROUND THE WORLD

- Since December, Indra's representative, Jorge Munir El Malek, has headed up the working group that will define the minimum requirements these systems must meet to be implemented in airports and other environments
- EUROCAE, the leading European body in the development of industrial aviation standards, will offer the reference framework for the implementation of these systems in a homogeneous and safe way.
- Indra's ARMS solution for countering drones is one of the most recognized and effective in the market

**Madrid, January 17, 2020.**- EUROCAE, the European Organization for Civil Aviation Equipment, has entrusted Indra, one of the leading global technology and consulting companies, with the presidency of the new working group (WG-115). It has been set up to develop the standards that will support the safe and harmonized implementation of anti-drone systems in airports and other environments.

The group's launch meeting took place last December and was attended by 44 experts from 36 organizations, including the European Commission, the European Aviation Safety Agency (EASA), and Eurocontrol. During the meeting, the group voted and decided to appoint Indra's representative, Jorge Munir El Malek, as president of the team.

Indra produces the ARMS anti-drone solution, the most advanced and effective in the market. The company is one of the world leaders in electronic defense technologies, communications, optoelectronic systems, radar, command and control systems that comprise this type of systems.

In December 2018, one of the main European airports, London Gatwick, was forced to cancel all its operations for more than 30 hours after the sighting of unmanned aircraft flying nearby. The event brought to the fore a problem that is a major concern in the sector. Each year, the number of reported incidents of this type grows significantly.

Airports, navigation service providers, as well as the other actors involved in operations safety, urgently seek to implement effective systems to deal with this threat, so that drones can be detected and prevented from flying near their facilities without authorization.

EUROCAE, as the leading European body in the development of industrial reference standards for aviation, works to offer common guidelines for the requirements and characteristics such systems must meet. This is intended to ensure that a common frame of reference is available that enables security and interoperability of the highest level.

During the launch meeting, it was also announced that the American Radio Technical Commission for Aeronautics (RTCA) recently took the decision to create a new committee (SC-238) focused on countering drones (Counter-UAS) that will work together with EUROCAE to produce standardized documents by the two organizations. With this same objective, the group will maintain close collaboration with other international entities such as NATO and the European Defense Agency (EDA).

The new group will carry out its activities during 2020 and 2021, with the objective of preparing three reference documents: the definition of the operational concept linked to this type of systems (C-UAS), the specification of performance requirements for non-cooperative UAS detection, and the specification of interoperability requirements with existing systems, such as Advanced Surface Movement Guidance and Control System (A-SMGCS) of airports.

The anti-drone systems are integrated by sensors of different types that enable them to detect the presence of very small aircraft several kilometers away, identify them and take several countermeasures to prevent their access to the areas protected by those systems. These are complex systems that must operate without affecting airport equipment or aircraft.

**About Indra**

Indra ([www.indracompany.com](http://www.indracompany.com)) is one of the main global technology and consultancy companies and the technological partner for its customers' key business operations around the world. It's a major global supplier of proprietary solutions in specific segments of the Transportation and Defense markets and a leading company in digital transformation and information technology consultancy in Spain and Latin America by means of its Minsait subsidiary. Its business model is based on a comprehensive range of proprietary products, with an end-to-end approach that has high value and a significant innovative component. In 2018 Indra received income totaling €3.104 billion and had 43,000 employees, a local presence in 46 countries and business operations in more than 140 countries.