

INDRA LAUNCHES AIR DRONES, THE MOST ADVANCED SOLUTION FOR ORGANIZING UAV TRAFFIC

- **Economically developed societies will build highly digitalized and automated spaces in the coming years so that drones can fly safely**
- **Having a powerful unmanned traffic management (UTM) infrastructure will be key to benefit from the economic potential of this new sector**
- **Indra, as a global leader in ATM, acts as a partner of its clients to design custom roadmaps to deploy these systems while complying with each country's regulations**

Madrid, March 12, 2019. - Indra presents Air Drones, the most advanced set of solutions on the market to manage unmanned air traffic that will, in the short-medium term, take over the low-altitude air space, which extends up to 150 meters, in most cities and countries in the world.

It is the first global solution capable of offering the flexibility and adaptation capability necessary to manage traffic at any level: local, regional or of a whole national territory.

It has been designed to ensure the safety of air operations for drones that fly in densely populated urban environments, rural areas and near airports, where security requirements are strict.

These new air users will also operate in a highly heterogeneous airspace, in which low-cost drones will coexist with other, more sophisticated professional drones, helicopters, conventional aircraft and even, in the future, the services of Urban Air Mobility (UAM).

Indra's new UTM system (Unmanned Traffic Management) will be the linchpin responsible for organizing all this traffic, identifying each aircraft and controlling its access and movements safely.

It has a UTM Hub solution, which will automate the provision of centralized coordination services for all parties, in which operators, information providers, authorities, etc. will coexist. It will also facilitate the interconnection with air traffic management (ATM) in real time and bidirectionally.

Each drone's connection to this environment will be made through the UTM Connect platform, which will provide access to all services and provide the real-time information needed by drones.

In addition, the platform is designed to integrate with drone detection and neutralization solutions, complementing their capabilities. Indra has its own system, called ARMS.

Together, Indra Air Drones will offer an intelligent, highly digitalized and automated service. Only in this way it is possible to provide quick and easy access to any user who wants to fly their drone, or fleet of them, with full safety assurance.

Indra's leadership as a supplier of air traffic management, with systems that manage traffic in 160 countries, make it the perfect partner to set up a UTM space of this type, with the necessary levels of safety and security.

Indra advises its clients on all the regulatory aspects that are required to build this type of airspace and supports the authorities that must develop the regulations. It also designs customized roadmaps to progressively address the construction of this type of infrastructure, which will be decisive for the development of UAVs and the economy of the most advanced countries and cities.

About Indra

Indra (www.indracompany.com) is one of the leading global technology and consulting companies and the technological partner for core business operations of its customers world-wide. It is a world-leader in providing proprietary solutions in specific segments in Transport and Defense markets, and the leading firm in Digital Transformation Consultancy and Information Technologies in Spain and Latin America through its affiliate, Minsait. Its business model is based on a comprehensive range of proprietary products, with an end-to-end, high-value focus and with a high innovation component. In the 2018 financial year, Indra achieved revenue of €3.014 billion, with 43,000 employees, a local presence in 46 countries and business operations in over 140 countries.