

## INDRA MODERNIZES THE GROUND SURVEILLANCE SYSTEM AT PARIS CHARLES DE GAULLE AIRPORT AHEAD OF THE OLYMPICS TO IMPROVE ITS OPERATIONS

- **DSNA, the French air navigation service provider, has opted for Indra's InNOVA ground surveillance system to minimize delays and ensure greater situational awareness for air traffic controllers at Charles de Gaulle airport**
- **With four parallel runways and four different towers, Charles de Gaulle is one of the largest and most complex airports in the world**
- **The first step of the project will contribute to reliable air traffic operations during the 2024 Olympic Games in Paris**

**Madrid, 16 of April 2024.-** Indra, a leading global technological engineering company for the aerospace, defence and mobility sectors, has been awarded a strategically important contract by Direction des Services de la Navigation Aérienne (DSNA) who is in charge of air traffic control in the French airspace. Indra is modernizing the ground surveillance system (A-SMGCS) at Paris' Charles de Gaulle airport to ensure reliable operations and minimize delays and cancellations.

Head of CDG ATC Systems Department at DSNA, Laurent Giger, explains: "Our current capacity allows for the arrival of 73 flights and departure of 76 flights per hour, but if we are forced to use the fallback system, we can only accommodate 30 arrivals per hour, which would result in cancellations. With the upgrade, however, we can accommodate 48 arrivals even with the fallback system, which may lead to some delays but not cancellations."

Paris Charles-de-Gaulle is one of few airports in the world where three aircraft can depart or land simultaneously. The airport is amongst the busiest in the world, with 67 million passengers in 2023. The complexity with four parallel runways, four control towers and 36 operational controller working positions makes it critical for DSNA's air traffic controllers to have a precise overview of the ground operations.

Many of the world's largest airports operate with Indra's InNOVA ground surveillance systems. The InNOVA system retrieves information about all flight and vehicular traffic in the air and on the ground from ground Surveillance Movement Radars (SMRs), MLAT, and other sensors. Indra's best-in-class tracking technology analyses and processes the data, refining the information, and displays it to operators to include only what truly matters. The process of sifting out unwanted "noise" reduces disturbances caused by false targets, thereby increasing operational efficiency and controllers' situational awareness – and ultimately improving safety at busy airports. With the upgrade, DSNA's controllers will benefit from the latest generation of this technology, with advanced tracking, labelling and classification of relevant objects.

DSNA has used Indra's ground surveillance system since 1997. The modernization comes as Paris is preparing its infrastructure for the Olympic Games and the site acceptance test for the first step was approved in mid-March 2024. DSNA will by the end of the modernization project have a state-of-the-art system that is ready to adopt advanced safety functionalities as outlined by EU in the Common Project 1.

### **About Indra**

Indra ([www.indracompany.com](http://www.indracompany.com)) is one of the leading global defence, aerospace and technology companies, and a world leader in digital transformation and information technologies in Spain and Latin America through its subsidiary, Minsait. Its business model is based on a comprehensive range of proprietary products, with high-value approach and a significant innovative component, making it the technological partner for the digitalization and key operations of its clients around the world. Sustainability forms part of its strategy and culture in order to overcome current-day and future social and environmental challenges. In the 2023 fiscal year, Indra achieved revenue totaling €4.343 billion, with more than 57,000 employees, a local presence in 46 countries and business operations in over 140 countries.

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