



## **INDRA SELECTED BY DENMARK'S NAVIAIR TO DEPLOY RADAR SYSTEMS AT BILLUND INTERNATIONAL AIRPORT TO STRENGTHEN AIR TRAFFIC SURVEILLANCE**

- **Indra's primary and secondary radars will ensure air traffic management safety in Denmark's airspace and enable air traffic growth at country's second largest airport**
- **The new generation radars feature the latest developments in the radar field, implementing the enhanced mode S protocol and the mitigation of interference caused by wind energy turbines**
- **Indra is a worldwide leader in the provision of radar systems with over 300 radar installations supporting safety on five continents**

**Madrid, September 28, 2017.-** Indra has been selected by the Danish air navigation service provider, NAVIAIR, after competing in an international public tender to enter into a contract for the roll-out of latest-generation radar systems at Billund International Airport, second largest in the country, to strengthen air traffic surveillance and safety.

The company will put into operation a state-of-the-art primary radar co-mounted with an enhanced mode S secondary surveillance radar to support en-route, approach and landing maneuvers.

The solid and reliable performance of these systems will help ensure optimal safety levels and will allow for high traffic capacity and smooth flow at the airport. This will allow air traffic to be managed more efficiently, helping Naviair to provide airlines with the best possible service.

Primary radar detects all aircrafts in its range without the need of aircraft cooperation, while enhanced mode secondary radar selectively interrogates each of them to obtain an answer with precise identification and other relevant data, such as its course and altitude. This information helps controllers manage air traffic with precision and safety.

The enhanced mode S also gives a clearer air picture of the airspace, which reduces the need for controllers to communicate with pilots via radio and consequently their workload. It also contributes to the early identification of potential conflicts on the various routes to avoid traffic congestion and delays.

Making all this information available is especially helpful in highly dense traffic areas like Denmark's airspace and Billund International Airport.

These radars also feature the latest developments such as the mitigation of interference caused by wind energy turbines, a particularly relevant aspect in this area, and are better equipped to perform in adverse weather conditions.

As an option included in the contract, Indra will also provide support and repair services for the next ten years when needed to ensure the proper operation of the system throughout its entire lifecycle.

### **Strong position in Denmark and Europe**

Beside this new project, Indra won last year a contract, via its subsidiary Indra Navia, to upgrade communications at the Copenhagen Control Center (CCC) through the implementation of its GAREX Voice Communication Control System (VCCS).

Indra holds a strong position in Denmark with an ongoing project to deploy radars to support air traffic management for the Royal Danish Air Force at the Skrydstrup, Karup and Aalborg air bases, in a contract awarded in 2016 by the Danish Ministry of Defense through the Danish Defense Acquisition and Logistics Organization (DALO).

These projects bolster Indra's leadership in Europe, where it is collaborating with the continent's foremost air navigation service providers. The company is one of the leading ATM providers in Europe, providing solutions that are spearheading the roll-out of the new generation of surveillance products and air traffic management systems. Indra is also playing a prominent role in the SESAR project, laying the technological foundations upon which the future Single European Sky initiative will be based.

### **About Indra**

Indra is one of the world's top consulting and technology companies, the leader in IT in Spain, and the advanced technology partner for core business operations of its customers everywhere. It offers a comprehensive range of proprietary solutions and cutting-edge services with a high added value in technology, which adds to a unique culture that is reliable, flexible and adaptable to its clients' needs. Indra is a world leader in the development of end-to-end technology solutions in fields such as Defense and Security; Transport and Traffic, Energy and Industry, Telecommunications and Media, Financial Services, Electoral Processes, and Public Administrations and Healthcare. Through its Minsait unit, it addresses the challenges of digital transformation. In 2016 Indra posted revenues of €2,709m and had a workforce of 34,000 professionals, a local presence in 46 countries, and sales operations in more than 140 countries. Following its acquisition of Tecnom, Indra's combined revenues amounted to more than €3,200m in 2016 with a team of nearly 40,000 professionals.