



**Press  
Release**

## **INDRA'S RADAR NETWORK CONTROLS THE MOVEMENTS IN THE SKIES OF ECUADOR**

- **Indra's new MSSR mode-S radars and multilateration system make it possible to cover 90% of the nation's airspace**
- **Indra has renewed the Quito, Shell and Manta approach centres, in addition to the Guayaquil en-route centre it modernised last year**
- **The cost for renewing these infrastructures is approximately \$30 million**

Indra has rolled-out an airspace surveillance network in Ecuador that has enabled the Civil Aviation Authority to shift from covering 30% of its skies to more than 90%. The new system is comprised by MSSR mode-S radar systems and multilateration systems.

The company has also installed its air traffic management systems at the Shell approach centre, and it is finalising the renewal of the systems at the Quito and Manta centres. In 2012, Indra modernised the Guayaquil en-route control centre, which is the most important in the nation.

The amount of the project to modernise Ecuador's air infrastructures is approximately \$30 million.

As far as the new radar surveillance network, Indra has rolled-out five new radars, in addition to the two that already exist in the country. Indra's secondary radars are equipped with mode-S, the most advanced aircraft identification technology, and they have been installed in the provinces of Manabí, Pichincha, Pastaza, Azuay and San Cristóbal Island in the Galapagos.


### **Pioneers in Latin America**

As part of this network, Indra has installed in Cotopaxi the first WAM multilateration system to enter into operation in Latin America. This surveillance system supports aircraft as they approach Lacatunga airport. Indra is currently completing the implementation of a second WAM multilateration system that will be located in the city of Loja.

Indra is a leading company in the supply of Air Traffic Management (ATM) systems. With more than 90 years of experience, it has completed over 3,000 installations in more than 140 countries. In Europe, it is one of the companies with the most weight in the SESAR R&D

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An abstract graphic consisting of several overlapping, semi-transparent blue shapes that resemble flowing ribbons or liquid droplets, tapering towards the right side of the page.

project, the technological pillar for creating the future single sky in the continent. It is also a partner of leading navigation service providers such as AENA (Spain), NATS (United Kingdom), DFS (Germany) and LVNL (Holland), among others.

In Latin America, Indra's technology manages the airspace of Ecuador, Peru, Argentina, Uruguay, Paraguay, Bolivia, Colombia, Panama, Guatemala, Belize, Honduras, El Salvador, Costa Rica and Nicaragua. The Central American Upper Airspace Control Centre (CENAMER), which belongs to the Central American Corporation for Air Navigation Services (COCESNA), also operates using Indra systems. In addition, the company has completed ATM projects in Brazil and Chile.

## **Indra**

Indra is one of the top multinational consultancy and technology firms in the world. It is a leader in Europe and Latin America, and it is expanding in other emerging economies. Innovation is the basis of its business, which is very customer oriented, and also of sustainability. The multinational is one of the top European companies in its sector in terms of R&D&i, with more than €550 million invested in the last three years. With sales approaching €3,000 million, it employs 42,000 professionals and has customers in 128 countries.