Indra

In**SIGHT**

INFORMATION CLOSER TO THE PASSENGER

Airports

Indra is the leading IT Spanish company and one of the top five ATM systems suppliers all over the world. Indra knowledge and its products portfolio reach all different areas at both air and land processes supporting all stages at the air traffic management business.

This knowledge, consolidated with the experience acquired along the last 30 years, has enabled Indra to create a new paradigm, called Airport, about how IT supports the airport information needs.

Airport is a suite of products that compiles all the know-how in both operational and technical environments accumulated with the references in ATM and airports. Within Airport, there is In**SIGHT** product which is focused in providing the right information at the right time to airport users where they need it.

This product , which is the essential communication tool between the airport and passengers, is deployed all over the airport and provides maximum availability and high configuration capabilities to meet the needs at the different places where the information is shown.

In**SIGHT** Main Features and benefits

• Ability to work as a stand-alone solution or in conjunction with an external AODB system, thanks to its open standard technology and its tiered architecture (based on products such as Open-Source suites, Microsoft or Oracle products).

• High integration capabilities with existing airport systems and with existing physical equipment including information displays or screens.

• Maximum configuration capability to meet airport needs. Independency from the display device technology and manufacturer (LED-composed panels, LCD/TFT screens, others).

• High level of screen configuration on-the-fly capability depending on location and on customer's (airline or passenger) requirements.

• Critical system. The system provides real time information to all customer and business partners (internal an external). With high availability and maximum reliability in all displays.

• Easy hardware and software upgrade, due to its open architecture which facilitates adaptation to airport IT preferences.

Functional characteristics

The different airport locations where the passenger can need the information and the diversity of graphical displays used to present information to the passenger makes customization the main feature to consider when choosing a FIDS for an airport. This system must support passenger information at check-in desks, boarding gates, baggage claim belts and all around the terminal with different flight information views.

Core

Enabling to distribute the information to the graphical devices deployed across the airport, according to the template and the configuration information stored in the database.

Administration

The operator can configure the entire system, from the physical devices deployed at the airport to the logical airport zones where the devices are installed. Among others, this module also allow to define scheduling to be applied to display devices where the templates and the appearing/disappearing times are defined.

In**SIGHT** Template Editor Tool

This service allows the administrator to define the templates that can be applied to any physical device (including also templates for LED panels).The tool provides to the administrator with a palette of components used to compose the template in a free way.

AODB Tool

The natural source of information for In**SIGHT** is the AODB, which is updated in real-time. However, due to the critical nature of the FIDS system to show the appropriate information in the right time, in case of communication disruption with the AODB, the operator may need to modify raw AODB data to be presented to the passengers. This case is covered by In**SIGHT** AODB Tool.

CUTE Tool

This tool provides the connection between the flight managed by the CUTE system and the information displayed in the display devices linked to the check-in desk or boarding gate. Through this tool, the company operator can indicate the moment where the flight information should be shown at the display devices.

AODB Tool

In**MOTION**
Providing passengers with updated real-time information about flights for the different existing platforms in the market (iOS, Android, Blackberry), showing the information in a concise way, giving, among others, the tracking functionality for a particular flight.

Template Editor Tool

Experiences

Indra In**SIGHT** has been successfully deployed in airports like Murcia and Castellón in Spain, and foreign countries like Gibraltar, Georgia, and other African international airports like Luanda or Nacala. Looking to the future, Indra participates on main international standardization and evolution forums about Air Transportation market, leading all the works related to the systems evolution within airports at SESAR program.

Associated services

- Design and consulting services
- Product adaptation to fulfill any specific
- airport requirements
- Integration with external systems
- Deployment
- Testing & Commissioning
- On-site, Off-site Support and Maintenance