

Hyderabad, 3rd -7th March 2010

SELEX SISTEMI INTEGRATI AT INDIA AVIATION 2010 EXHIBITION

On display: ACC – FASTI South Project, Tower A-SMGCS, Air Traffic Auxiliary Information: IDS Console

SELEX Sistemi Integrati, a Finmeccanica company, designs and develops Large Systems for Homeland Protection, systems and radars for air defence, battlefield management, naval warfare, coastal and maritime surveillance, air traffic control and turn-key airport solutions, backed up by full customer support.

The company, is specialised in design, manufacturing and marketing of radar and command and control systems to institutional customers and air traffic military and civil authorities.

With its fifty years of experience in system integration and a customer base in no less than 150 countries, SELEX Sistemi Integrati can rely on a huge capability in systems integration, simulation, engineering, software design, and production of advanced technology systems and components.

SELEX Sistemi Integrati, that has about 4200 employees, is a leader in research and development, thanks to annual investments amounting to 20% of the production value.

SELEX Sistemi Integrati takes part at INDIA AVIATION 2010 exhibition, going to be held at Begumpet Airport, Hyderabad, from 3rd to 7th March 2010 to show some of its air traffic management systems into stand n.50.

SELEX Sistemi Integrati's presence in India

SELEX Sistemi Integrati has always had a proven relationship with India and its main corporations, also following a policy of strong collaboration with local companies.

In fact, in the field of Air Traffic Control SELEX Sistemi Integrati has been in India since 1972, when the company provided 11 ATC systems and a manufacture licence was delivered to the local company Hindustan Aeronautics Ltd. (HAL) to produce radar systems. The company produced 18 systems, most of them still in use by the Indian Air Force (IAF).

In April 2003 SELEX Sistemi Integrati won a tender for the delivery of 12 Air Traffic Control systems to the Indian Air Force, in accordance to a new Surveillance Radar Element (SRE) programme. The supply consists in eight turn-key systems and additional equipment to be installed on sites by the Indian partner BHEL.

The contract with the Indian Air Force has included a cooperation for the industrial know how transfer towards Bharat Electronics Ltd. to assemble other five fixed systems and three transportable systems.

The latest success of SELEX Sistemi Integrati in India dates back to December 2007 when the company was awarded a 52 million Euro contract for the delivery of 13 air traffic control radar systems to the India Air Force. The contract will grant the delivery of thirteen ATCR33 S primary radars, thirteen SIR S secondary radars, and 52 consoles CDS 2000 for the equipment of the respective control centres.

Again in 2007 SELEX Sistemi Integrati signed a 22 million Euro contract with the Indian Airport Authority to supply complete ATC equipments for the two airports of Hyderabad and Bangalore. These latest agreements have further consolidated the leadership of SELEX Sistemi Integrati in the Country.

SELEX Sistemi Integrati, a Finmeccanica company, designs and develops Large Systems for Homeland Protection, systems and radar for air defence, battlefield management, naval warfare, air traffic control, coastal and maritime surveillance. Fifty years of experience in system integration have created a customer base in no less than 150 countries. SELEX Sistemi Integrati has complete mastery of the advanced technologies involved – the company's true wealth and expertise – as well as an extensive commercial offer of state-of-the-art solutions and products, backed up by full logistic support. With about 4,200 employees and plants in Italy, the UK, Germany and the USA, SELEX Sistemi Integrati is a leader in research and development thanks to annual investments amounting to 20% of the revenue.

On display

ACC – FASTI South Project

The aim of the First ATC Support Tools Implementation (FASTI) programme established by EUROCONTROL is to provide assistance to Air National Service Providers in the implementation of a set of controller assistance tools, the FASTI tools such as Medium Term Conflict Detection (MTCD), MONitoring Aids (MONA) and SYstem Supported Coordination (SYSCO), in order to provide a harmonised implementation across Europe. The FASTI South project aims to support the transition to the FASTI tools in Italy and Malta.

The Controller Working Position shows the result of the implementation of the Medium Term Conflict Detection function in the framework of the FASTI South project.

Tower A-SMGCS

SAIL, SELEX Sistemi Integrati A-SMGCS Integrated solution, is a modular and flexible ASMGCS designed to be deployed in a wide range of different airports.

SAIL supports the full integration between tower, approach and en-route air traffic management centres, through surveillance, flight, safety net and meteo data sharing, assuring the labelling continuity (track/call sign association) and the silent transfer of control between tower and APP **ATCOs** (hand-over). The presented console works on disconnected mode, with a fallback flight data processor.

The tower control working position presented integrates the new COTS technology of Tablet/touch screen display, fully dedicated to the electronic flight strip management, from which the controller is able to automatically insert all the system orders towards the flight data processor with a simple pen-touch on the screen.

Air Traffic Auxiliary Information: IDS Console

The **IDS/AIS** system is an hardware and software platform capable of receiving, collecting and distributing different information disseminated across the AIS offices. The data and the images received from different sources are displayed on a visual interface that is entirely configurable. Such configuration tool allows the AIS to be easy adaptable to the different user requirements, such as ATC personnel needs. The HMI can be customized and defined according to the different type of user.