

SELEX SISTEMI INTEGRATI

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.

In the Gulf Area, SELEX Sistemi Integrati has demonstrated its trust-worthy front line capabilities both in airport systems and in coastal and maritime surveillance.

In fact the New Doha international Airport (NDIA) will be completely equipped by SELEX Sistemi Integrati's Air Traffic Control Systems.

The Italian company will play a leading role in the project, also as integrator of all the equipments for air traffic and meteorological control systems.

In particular, SELEX Sistemi Integrati will provide radars for air and surface traffic control, a complex control centre made of 36 operator working positions enabled for radar data processing and flight plans management, an automated system for departures and arrivals, a complete meteorological system, plus a computerized system for ground movements, nav aids and ground sensors management. Besides, the company will supply a system for data transfer of all airport communications, which will be realised through the installation of an optical fibre ring, due to surround the whole airport area.

SELEX Sistemi Integrati will also provide assistance and maintenance services for a five year period and, at half life cycle, a technological update of the equipments installed.

Moreover, within the Homeland Security one of the most recent contracts refers to the supply of a VTS (Vessel Traffic System) system to Yemen for coastal surveillance, which will contribute to the security along the Yemenite coasts.

During MiliPol Qatar SELEX Sistemi Integrati is presenting an Air Traffic Control demonstrator and graphics relevant to its Homeland Security capabilities, included the Vessel Traffic Management Systems.

ATM Demonstrator

The ATM demonstrator by SELEX Sistemi Integrati consists of an A-SMGCS (SAIL) and an Automatic Dependant Surveillance-Broadcast (ADS-B) system. SAIL, A-SMGCS Integrated solution by SELEX Sistemi Integrati, is a modular and flexible A-SMGCS suitable to a wide range of airports. The demonstrator shows one Tower/Ground Controller Position, deployed by SELEX Sistemi Integrati in Rome Fiumicino and Milan Malpensa International Airports.

The SAIL Controller Working Position (CWP) provides an integrated presentation of airport surrounding airspace and surface traffic. Multilateration System installed in Malpensa relies on a network of ten ground stations, managing standard/extended squitters and on real-time replies.

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 3,000 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 production value.

The ATM demonstrator includes as well an ADS-B presentation, relevant to Rome Fiumicino Airport traffic. Recorded data are gathered through an ADS-B 1090ES Ground Station (MXC) by SELEX Sistemi Integrati, a high performance ADS-B (Automatic Dependent Surveillance - Broadcast) Ground Station for en-route, terminal and airport surveillance applications, compliant with the 1090 MHz Mode-S Extended Squitter standard.

For further information, please contact:
SELEX Sistemi Integrati – Press Office
0039/06/41504831-41504651
Mobile 0039/335/8066164- 335/6568689
ademontis@selex-si.com
sdelprete@selex-si.com