

ATM SYSTEMS




Selex ES[®] Air Traffic Management Solutions

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Selex ES Inc. is an international subsidiary of Leonardo S.p.A.

 Made in The USA

AIRPORT SOLUTIONS FROM LEONARDO'S INTERNATIONAL SUBSIDIARY, SELEX ES INC.



SELEX ES® ILS

ILS is a precision runway approach that provides pilots with both vertical and horizontal guidance

- › Approved CAT I, CAT II, or CAT III
- › Centralized Spare Parts Depot at all facilities
- › Can replace any existing ILS in the NAS regardless of manufacturer for a cost efficient option to states
- › Current DoD programs of 31 ILS Systems for the US Navy
- › Qualification & delivery of 144 ILS for US Air Force
- › Increased availability from 97.5% to 99.77%
- › Enhanced remote maintenance & flight check

SELEX ES® VOR

VORs provide azimuth information for en route navigation and approach services

- › Available in Doppler, Conventional, and Mobile configurations
- › VOR installation services
- › Dual and single equipment
- › Comprehensive Remote Maintenance Monitoring (RMM)
- › ICAO Annex 10 compliant



SOLUTIONS FOR NAVIGATION INFRASTRUCTURE MODERNIZATION



REMOTE MONITORING

Providing scalable remote monitoring and control solutions.

- › Provides a complete range of remote monitoring and control solutions engineered to users' requirements
- › Scalable solutions utilizing a wide variety of link technologies including legacy copper twisted pair, fiber optic, wireless, Sat-Com, and TCP/IP based networks
- › Statewide monitoring: Can be deployed in a multi-tier network to provide state-wide monitoring at centralized maintenance centers in support of local airport operations



PORTABLE INTEGRATED RECEIVER

PIR is a lightweight, rugged unit specifically designed for installation and maintenance of ILS, MB, and VOR facilities



SELEX ES[®] DME

DMEs provide slant range information to all aircraft and TACAN provides azimuth information and slant range information

- › FAA Contract number is DTFAWA-11-C-00059
- › More than 150 DMEs delivered
- › The FAA's sole provider of DMEs
- › FAA-qualified hi/low power DME
- › Meets or exceeds all ICAO Annex 10 and FAA-E-2996 requirements
- › Full DO-278 software safety process
- › Full DO-254 FPGA safety process



WITH THE REMOTE STATUS MONITORING SYSTEM (RSMS) SOFTWARE, THE USER HAS THE ABILITY TO MANAGE AN ENTIRE NETWORK OF SYSTEMS.

- › Non-Fed approval for our DME, ILS, and VOR today
- › Non-Fed approvals of our newest generation DVOR/CVOR/ILS pending FAA Approval



Leonardo's international subsidiary, Selex ES Inc., operates a 50,000 ft² facility in Overland Park, Kansas where we design, develop, produce, test, train, and support ground-based navigation aids for the FAA, several state aviation authorities, U.S. Military, and air navigation service providers.

Since 1991, our ATM unit has continuously produced the total lifecycle for our navigation and surveillance equipment. All of Leonardo's navigation equipment around the world comes from this facility where we design, develop, install, and provide customer and logistics support for our equipment on all 7 continents, in over 100 countries.


Contact our ATM team to learn more about our analysis of your states' current airport navigation infrastructure and our assessment of the navigation solutions for your airports.

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