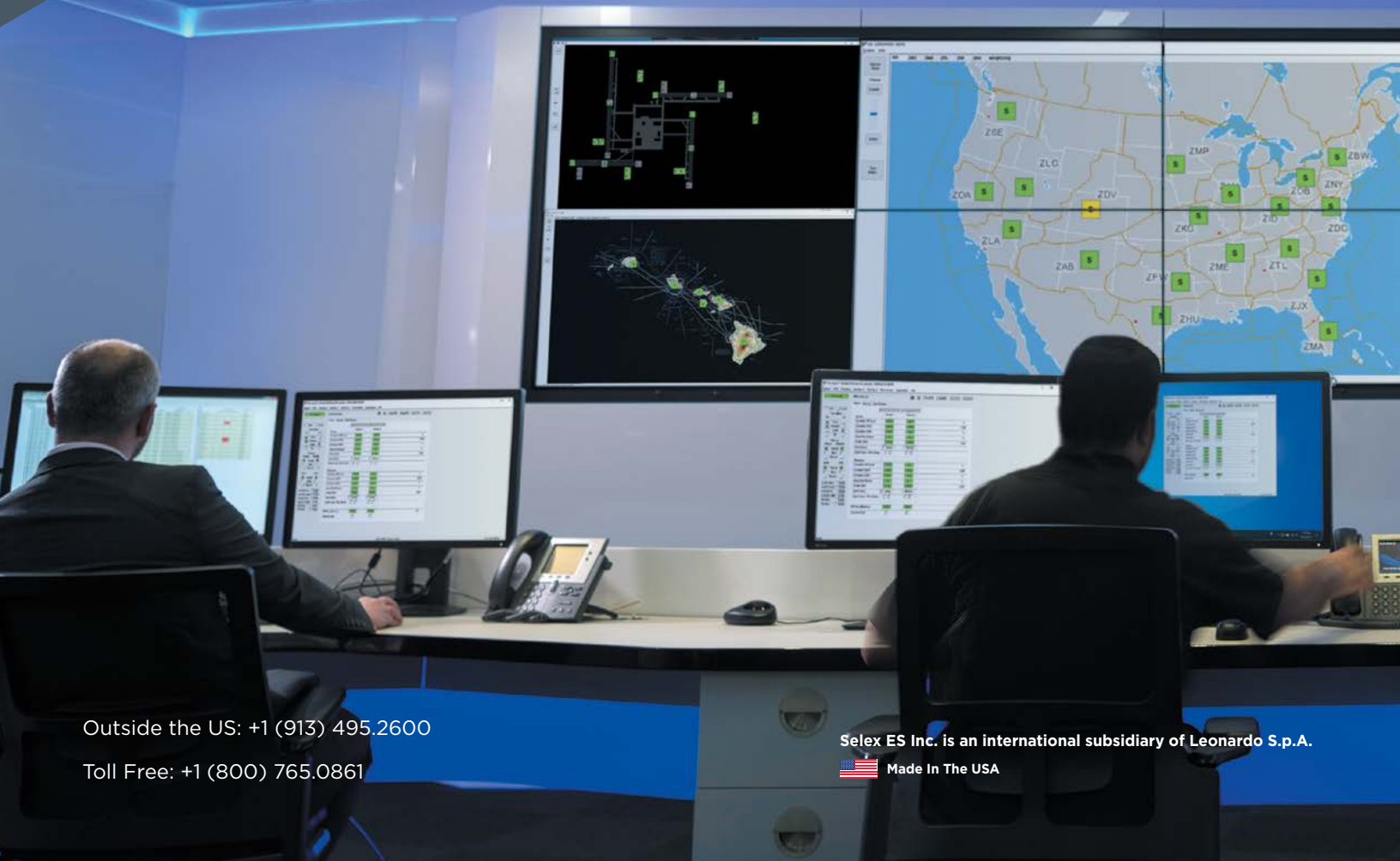


ATM SYSTEMS




# Selex ES<sup>®</sup> NavBOSS



Outside the US: +1 (913) 495.2600

Toll Free: +1 (800) 765.0861

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

 Made In The USA

# THE NavBOSS SUITE OF REMOTE MONITORING AND CONTROL SOLUTIONS PROVIDES TIME-TESTED RELIABILITY FOR AIRPORT OPERATIONS

## PRODUCT OVERVIEW

Selex ES Inc., a Leonardo Company, provides a complete range of Remote Monitoring and Control solutions engineered to end-users' requirements

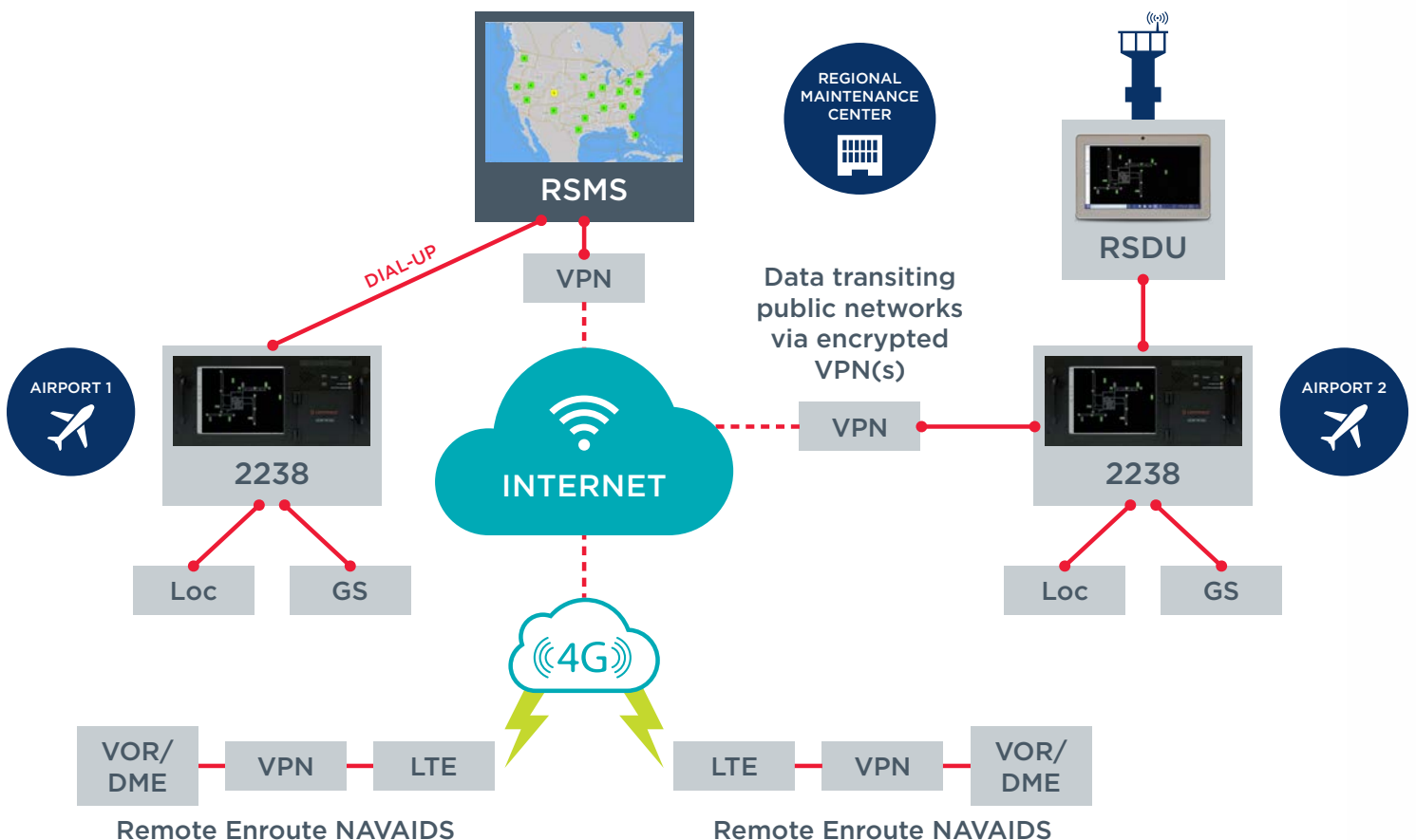
## THE NavBOSS SUITE OF PRODUCTS:

- › Provides scalable solutions using a wide variety of link technologies
- › Equipment can be deployed in a multi-tier network to provide an airport, a region, or country wide monitoring at centralized maintenance centers in support of airport operations

## COMPREHENSIVE REMOTE SYSTEM MONITORING

### Benefits:

- › Flexible, customizable, and scalable to the needs of the small and large ANSPs
- › Reduces staffing on sites
- › Remote maintenance and troubleshooting
- › Remote flight check support
- › Trend data collection to provide analysis of difficult to diagnose long term equipment faults



# THE NavBOSS SUITE CONFIGURATION CAN BE TAILORED TO SPECIFIC CUSTOMER NEEDS

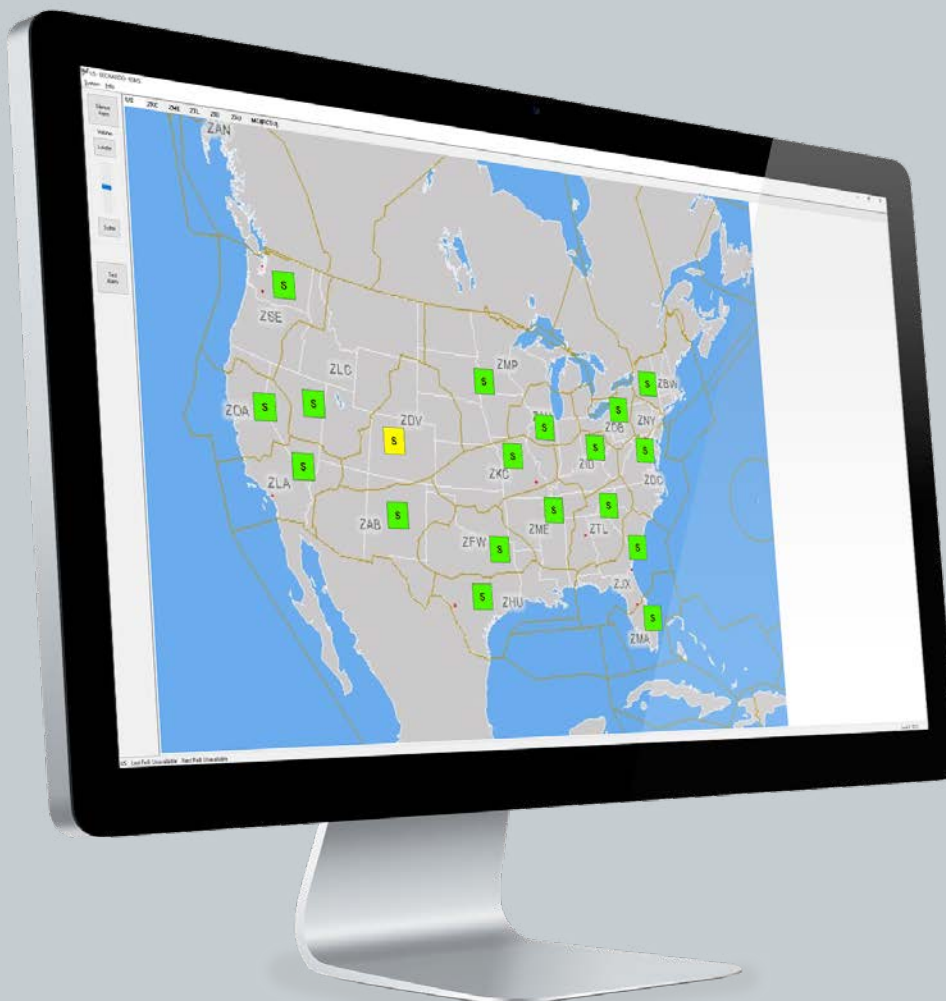
PROVIDING SCALABLE REMOTE MONITORING AND CONTROL SOLUTIONS

## THE ELEMENTS OF NavBOSS

### RSMS

With the Remote Status Monitoring System (RSMS) software, the user has the ability to manage an entire network of systems.

- › At-a-glance view of network health and status for connected NAVAIDS, RCSUs, and other airport equipment on customizable map layouts
- › Rapid Focus on specific airports and connected equipment for unit level view
- › Ability to centralize maintenance activities and supervision
- › Communicates on IP and legacy serial or dialup networks
- › Supports copper, fiber, radio modems, cellular modems, and satellite based communications
- › Provides insight on when to dispatch maintenance staff

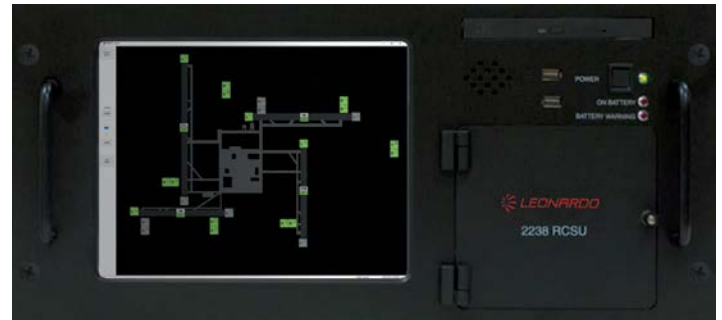


Know whether a system is on the air, or needs maintenance, at a glance

# THE ELEMENTS OF NavBOSS

## RCSU

The Selex ES Model 2238 Remote Control Status Unit (RCSU) has the ability to monitor and control all ground navigation equipment, such as ILS, VOR, DME, TACAN, as well as other airport systems. The 2238 RCSU combines a fully functional Air Traffic Control tower cab-mounted display system with the most advanced remote maintenance capability, including remote adjustment of NAVAID parameters not previously available in the industry.

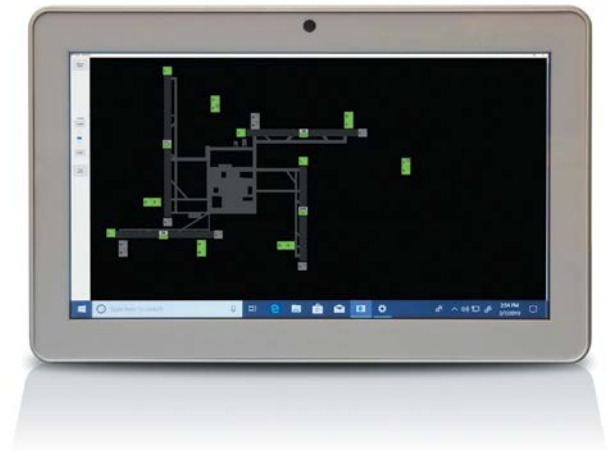


- › Available in a range of COTS and customized COTS configurations targeting 19" rackmount, desktop installation, or deployment via Virtual Machine containers
- › TCP/IP LAN Connectivity, Single Point RMM Connectivity, security password protection, and map-based graphical user interface

As an alternative, the Selex Model 2240 RCSU is designed for installations consisting of up to three NAVAID stations. It incorporates LED status indicators. An external battery unit provides battery backup operation in the event of an AC power failure. The 2240 RCSU is designed for installation in a standard 1U equipment rack panel space in a control tower equipment room.

## RSDU


The Remote Status Display Unit (RSDU) is the preferred interface for ATC situations requiring monitoring of multiple runways and approaches. RSDUs are typically installed at ATC locations, as well as at other points around the airfield requiring at-a-glance status of the associated navigation equipment. Any practical number of RSDUs can be connected to the 2238 RCSU over a TCP/IP network connection. Several form factors are available, including large touchscreen LCDs, compact panel mount systems, and notebook PC-based systems.



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For more information please email:  
ATMSales@leonardocompany-us.com

Selex ES Inc., a Leonardo Company  
11300 W. 89th Street  
Overland Park, KS 66214  
Outside the US: +1 (913) 495.2600  
Toll Free: +1 (800) 765.0861

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[leonardocompany-us.com](http://leonardocompany-us.com)

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