

Product Overview

NOMS

airSCENE
✈️.com By **era**

Features

- Display of flight, noise, complaints
- 2-D animation with noise replay
- Embedded GIS
- Gate, corridor, PCA and route display
- Vertical profiles
- Time history graph of noise events
- Highlights correlated data
- Track density plots
- Average track plots
- Complaint analysis
- User-selectable color and display options
- Filtering options
- Graphic annotation
- Embedded link to FAA database
- Export options
- Print and save to file options
- Flight tracks colored by operation, airport, altitude, distance and propulsion

Aircraft Flight Tracking and Noise Monitoring

Understanding and managing aircraft noise in the community is a critical success factor in allowing an airport to grow to meet the demands for increased movements. AirScene.com NOMS (Noise and Operations Monitoring System) is the industry's first web-based system for monitoring, reporting, and displaying noise and flight track data. The web-based architecture gives AirScene.com NOMS the advantage of quick installation, reduced hardware cost, faster service and support, increased reliability, and greater availability.

The revolutionary AirScene.com NOMS uses the internet and a secure central processing and storage facility to collect, store, process, and display the data collected as part of a noise and flight track monitoring system. AirScene.com NOMS installs easily because there is little, if any, local hardware to install. Data from the flight tracking system, noise monitors, and other local data acquisition systems is sent over the internet to the centralized storage facility. All maintenance, backup, and troubleshooting is completed by the central facility staff. This reduces the amount of time required to fix a problem as no travel to the local site is required. The centralized data storage facility is maintained by professional network and database engineers who monitor and maintain the equipment to insure reliable service.

Era is the only company that offers a fully integrated and independent flight tracking solution based on ATC-quality multilateration surveillance technology. As a result, airports benefit from real-time unrestricted access to flight track information to support the community and to develop historical and predictive noise contours.

AirScene.com Modules

FliteGraph

The locally installed software that handles in-depth graphical analysis including animation, track density plots, average track plots, gate, corridor, route and PCA analysis, automatic and manual noise, flight and complaint correlation, GIS functions, profiles, complete user-defined display options, and many more features.

DVR (Digital Voice Recorder/Player)

Recording and re-playing of ATC radio frequencies and audio from noise monitors.

Functions

- Custom reports with flexible output options
- Pre-formatted Crystal reports with scheduling
- User interface with auto-fills to minimize data entry
- Web-based entry of complaints by the community

Communicator Software

Interaction with noise monitors from a PC for real-time noise level display and system maintenance.

Pocket Communicator

Noise monitor uploading, downloading, and configuration control using an iPAQ hand held device

Noise Monitor Integration

AirScene.com NOMS integrates with most major noise monitors including B&K, Larson-Davis, and Tracor. There is no need to purchase proprietary noise monitors for AirScene.com NOMS.

Noise Office Functions

As an option, Era staff can remotely perform noise office functions such as publishing and distributing reports, analyzing data, and responding to complaints.

Customer Support Hotline

Era maintains a telephone hot-line and 24-hour web-based trouble reporting and tracking. The trouble reporting web page offers active monitoring and system status of all AirScene.com NOMS systems including the automatic daily backups, noise monitor health, and server status.

Community Web Portal

Era has designed and currently hosts several community web sites that improve an airport's interaction with the public. Era's WebScene interactive web portal includes features such as online complaint entry, report viewing, address location, noise abatement information, historic replay, and other community relations functions.

United States

1881 Campus Commons Dr.
Suite 101
Reston, VA 20191

Tel +1 703 637 7283
Fax +1 703 637 7245

Czech Republic

Prumyslova 387
530 03 Pardubice
Czech Republic

Tel +420 467 004 253
Fax +420 466 670 461

www.erabeyondradar.com

Era Corporation is a pioneer and leading supplier of next-generation surveillance and flight tracking solutions for the air traffic management, military, security and airport operations markets. With proven multilateration and ADS-B technologies delivering high-performance, high-reliability surveillance solutions, the company has over 100 airport, air traffic management and military customers throughout North America, Europe, the Middle East, Africa, South America and Asia. Era systems are providing high performance, high reliability surveillance with hundreds of operational sensors covering the airspace of over 35 different countries around the world. Era's investment in research and development and its track record of product innovation has resulted in a substantial patent portfolio. Era is headquartered in Reston, Virginia with leading product research and development centers of excellence in the U.S. and Czech Republic.

For more information,
please visit www.erabeyondradar.com.

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