

Product Overview



Benefits

- Revenue management
- Automated billing
- Noise management
- Gate management
- Flight information display
- Community web portal
- Replaces multiple applications
- No IT infrastructure demands
- Multi-purpose data source
- Comprehensive area coverage

Features

- Secure web-based platform
- ATC-quality flight tracking data
- Noise analysis
- Powerful reporting tools
- Invoice generation
- Real-time and historic data feeds

Airport Management Systems

As airports grow to handle more and more traffic each year, their operations management solutions also need to grow with them. Today, many airports struggle not only with the burden of increased operations, but also with the rapid growth of their data and application infrastructure. Individual airport departments sometimes purchase spot solutions to solve short-term problems with little regard for the airport's long-term strategic needs or the needs of other airport departments and users.

As a result, most airports end up with a confusing set of duplicate data sources and applications. Airports that think strategically see the need for powerful applications supported by a single common source of accurate real-time operations tracking data. AirScene.com by Era answers this need by providing a comprehensive, integrated, airport operations management (AOM) platform that supports key business functions such as revenue management, gate allocation, noise management and other critical airport management processes from a single unified web-based platform and database.

Noise Management

Understanding and managing aircraft noise in the community is critical to the success of an airport and its ability to grow to meet the demands of increased capacity. AirScene.com NOMS (Noise and Operations Monitoring System) is the world's most advanced web-based airport noise and operations management platform. The AirScene.com NOMS software includes all the functionality expected from a NOMS today, including noise measurement, noise modeling, flight tracking, violations management, community and statutory reporting, complaint management, and web-based community engagement.

To support this advanced NOMS application, Era offers a fully-integrated and independent flight tracking solution based on our ATC-quality, real-time multilateration and ADS-B surveillance technology. This system allows airports access to real-time flight track information that allows them to support the community and to develop highly accurate noise contours.

Era's partnership with Brüel & Kjær (B&K) provides our customers with access to the world's most advanced noise monitors. AirScene.com is also designed to support all leading noise monitoring products as well as a variety of meteorological data sources including D-ATIS and ASOS.

Screenshots



WebScene

WebScene is Era's interactive and informative community web portal that utilizes .NET web services technology to display both real-time and historic flight track data, noise data, weather data, and complaints. All data displayed in WebScene is drawn from the same common database, thus eliminating duplication and insuring consistency between the web site, user-generated reports, and the NOMS application. WebScene allows airports to establish credibility with the user community by making accurate and reliable data available to the public.

Revenue and Operations Management

Typically, airports rely on airlines, aircraft operators, or FBOs to self-report their usage of key revenue generating resources, such as landing fees, parking fees, de-icing facility use fees, gate usage, etc. Many modern airports rely heavily on revenue management systems that utilize manual data entry that lacks quality and timeliness. This has led to lost revenue as airports are unable to self-audit their manual data or computerize their billing systems.

Airports are also responsible for optimizing aircraft and vehicle movements on an airfield. A back-up in any given area can create a domino effect that cripples an airports operations and reduces the capacity, efficiency, and revenue capture.

AirScene.com AIMS (Airport Information Management System) utilizes Era's flight track and identification data to automatically produce full and complete invoices. The system can also track aircraft and vehicles in all operational areas, allowing the airport to have a view of the entire surface in real time. This system helps airports identify trouble areas, avoid potential disruptions, and optimize the efficiency, capacity, and revenue production of the airport.

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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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