



GREATER ROCHESTER INTERNATIONAL AIRPORT

Project Duration:

February 2015– Present

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Greater Rochester International Airport

ASOCS Mobile:

This mobile, GIS focused, device independent application provides a robust method to enhance the collection of data in the field on-line (network connected) or off-line. The application uses a GIS method of data entry which concentrates on airfield assets, discrepancies and inspection findings. With ASOCS Mobile, airfield inspectors can view airport assets in a GPS location-sensitive manner, and issue work requests to airfield maintenance regarding any discrepancies which may need to be addressed.

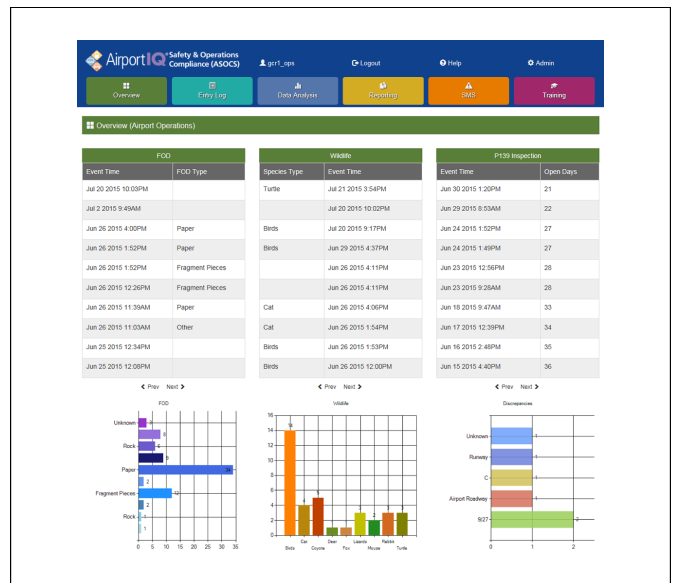
Completion: ROC began using ASOCS in May 2015.



Airport Safety And Operations Compliance System (ASOCS)

The Greater Rochester International Airport (ROC) is a small hub airport that handles approximately 150 flights per day to over 17 cities, serves approximately 2.4 million passengers annually, and houses the operations of 16 air transportation providers.

In 2014 the ROC was looking for a turnkey consolidated Airport Operations Management System to conduct Part 139 airfield inspections, manage and simplify the airport’s work order-related processes, automate logging of daily operations, and track Part 139 required training. GCR fulfilled the airport’s requirements with the AirportIQ Safety and Operations Compliance System (ASOCS). ASOCS provides a complete turnkey operations, security, and law enforcement information



ASOCS Screen shot on operational output.

management system, and enterprise wide communications system to effectively manage and report on all incidents and activities occurring at the airport. ASOCS provides a common interface for re-

porting these activities to both internal airport users and to external agencies. An integrated multi-level reporting module allows quick communication of activities and incidents to airlines and other tenants.

The system includes the following key strategic areas:

- Assigning work shifts.
- Recording incidents/ events by subject category unique to each airport and division.
- Tracking action documents related to their completion in a timely fashion
- Reporting that complies with and sup-

- ports the FAA Federal Aviation Regulation FAR Part 139 certification processes.
- Programming specialized processing for such items as NOTAMs, Snow Tours, Runway and Taxiway Lighting, and FAA Inspections.
- Permitting the archiving of all data and subjects, with appropriate retrieval capa-

- bility.
- Providing the capability to attach maps and images.
- Providing electronic output to control towers and FAA Flight Services by fax or email log information.
- Integrated GIS mapping feature providing a detailed facility-based perspective of activities.