

## Orlando International Airport (MCO)

### GIS Address Data Management Application

The Greater Orlando Aviation Authority (GOAA) manages the Orlando International Airport (MCO) in Orlando, Florida. GOAA's mission is to Seamlessly connect Florida and the world through exceptional experiences, collaboration, and creativity. Orlando International Airport is the busiest airport in the state of Florida serving nearly 58 million domestic and international passengers a year. In order to enhance the management of their enormous facility, GOAA developed a new address data model for the airport. The address data model supports the addressing and tracking of terminal space including the physical attributes and purposing of space throughout MCO.

EPIC was brought on to develop an application that utilized the address data model created by GOAA to manage the existing address data more efficiently, streamline future address data creation, and monitor maintenance processes.

EPIC developed the Address Data Management Application (ADMA) to meet these requirements and reduce the potential for data duplication, data entry errors, and the time consumed attempting to manually manage address data. EPIC designed

ADMA as a GIS web application hosted within the airports secured intranet. As part of the development approach, EPIC worked with GOAA to verify and document the desired application workflows and functionality while incorporating GOAA feedback into the design of ADMA. This included providing GOAA the opportunity to review the requirements gathering documentation EPIC collected as well as delivering UI mockups of ADMA to help unify the final vision shared by GOAA stakeholders and EPIC. The ADMA was implemented in Fall of 2013 and is currently still in production use at the Orlando International Airport.

ADMA provides the following functionalities:

- > Address request process workflow automation
- > Role-restricted user privileges:
  - Administrative
  - Address Assigner
  - Address Requestor
  - Address Approver
- > Address creation, deletion, and editing capabilities
- > Comprehensive data quality control measures
- > Upload/attach supporting documents
- > Custom notification and reporting capabilities
- > Status dashboard

#### Client:

- > Greater Orlando Aviation Authority

#### Location:

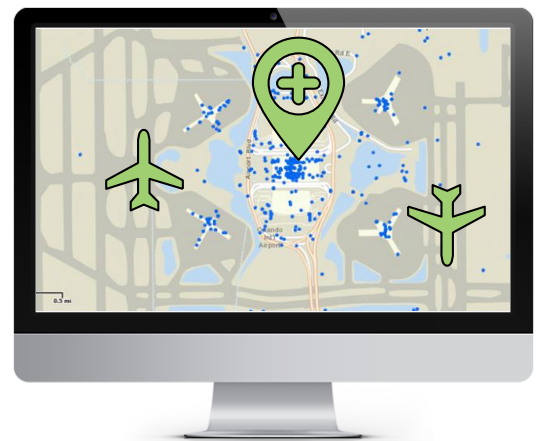
- > Orlando, FL

#### Domain:

- > Aviation

#### Services Provided:

- > Digital Transformation
- > Workflow/Business Process Optimization
- > Application Development
- > Geographic Information Systems (GIS)



# Orlando International Airport

## GIS Address Data Management Application

> Address Data Management Application

