Enabling the Enterprise with GIS
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Airport Spatial Information Services
Terms and Definitions

- **ASIS** – Airport Spatial Information Services
- **OASIS** – Online ASIS
- **EAMS** – Enterprise Asset Management System (Infor)
- **OnBase** – HAS Document Management System
- **AGIS** – FAA GIS (Regulatory Requirement)
What the HAS ASIS Section does

- Maintain the digital record of the current infrastructure
- Commercial Property Leases
- Maintain the FAA required AGIS
- Addressing Authority for all 3 airports
- Maintain the OnBase Engineering Library
- Infor Integration and mapping
- Design and Construction support
- Height Hazard Ordinance
- Impervious Areas
- Real Estate
Purpose for GIS Integration

Our goal is to revive the concept of the Central Operating Picture (COP) using a multiplatform GIS interface to access other applications. The applications include:

• OnBase Document Management System (OnBase)
• Infor Enterprise Asset Management System (EAMS)
• Project Management Information System
• Building Information Models (BIM)
• Emergency Management Systems

Empower the HAS staff with job specific GIS applications to help them be more efficient in their day to day activities.
ASIS Maintains the current digital representation of the infrastructure for all 3 airports

- New Project is Started
- Current GIS Data Exported to CAD/BIM
- Project is Completed
- Record Level CAD, GIS, and/or BIM is delivered with PDFs
- ASIS Processes the data

HAS Enterprise

- OASIS
- OnBase
- Infor
- CAD
OASIS OnBase Integration

- Engineering Drawings
- Floor Plans
- O&M Manuals
- Permits
- Evacuation Plans
OASIS Condition Assessments
OASIS Pavement Condition and CIP Planning
Condition Assessment Reporting
Emergency Operations
Federal Regulations - AGIS

ASIS maintains the federally regulated AGIS data submissions
ASIS data is used to support ASOCS
Plans are to integrate ASOCS with Infor for work order tracking
Empower the HAS Staff with Self-Service Apps

This mowing application is maintained and edited by the maintenance staff.
Empower the HAS Staff with Self-Service Apps

The Airfield Project Management Application is edited and maintained by the airfield project managers and another one by United Airlines.

Time Slider
GIS Data Export Tool
GIS and Asset Management
Hybrid System for Maintenance

Lighting from BIM includes Panel, Circuit, Lamp, Wattage, etc.
Hybrid System for Maintenance
Put in a circuit number and see what else is on it

<table>
<thead>
<tr>
<th>Panel</th>
<th>Circuit Number</th>
<th>Electrical Data</th>
<th>Mark</th>
<th>Luminous Flux</th>
<th>Wattage</th>
<th>Wattage kWh</th>
<th>Model</th>
<th>Manufacturer</th>
<th>URL</th>
<th>Description</th>
<th>Omicron Class</th>
<th>Near Family</th>
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</tbody>
</table>

With this option checked, results will be kept on the map until the "Clear Results" button is clicked.
Global Marketing Support

ASIS provides consistent mapping used for the HAS Mobile Application, Google and Apple.