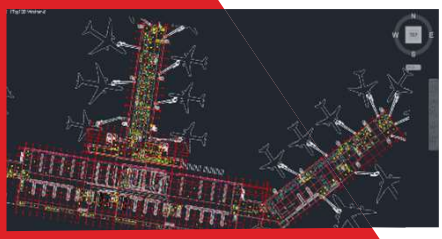
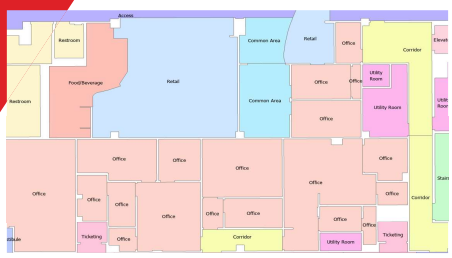
CASE STUDY

Lee County Port Authority: ArcGIS Indoors Proof of Concept

Location: Fort Myers, FL | Services: ArcGIS Indoors Integration





CHALLENGE

Southwest Florida International Airport (RSW), located in Fort Myers and operated by the Lee County Port Authority (LCPA), is one of the newest airports in the nation. Serving over 10 million annual passengers, it ranks among the top 50 airports in the United States. LCPA's small but mighty GIS team sought to jump-start their use of ArcGIS Indoors. They needed expert consultation, advice, and help to deliver a proof-of-concept to demonstrate the value to their stakeholders.

SOLUTION

Esri recommended LandTech as a trusted partner for this initiative. LandTech began by evaluating existing CAD drawings, ongoing construction work, and LCPA's specific requirements. They developed a comprehensive plan to execute the proof-of-concept quickly while also supporting the LCPA GIS team in understanding the solution and related workflows for future maintenance and expansion. Over the course of three weeks, LandTech reviewed, prepared, and imported LCPA's CAD drawings, validated the data against BIM and shapefiles, configured separate Indoors Viewer Apps for visitors and staff, and deployed an Indoors Mobile map. This approach ensured a thorough yet rapid implementation.

RESULT

The project not only delivered tangible benefits to LCPA, with the deployment of the project deliverables into their ArcGIS environment, but also significantly enhanced the technical and functional understanding of ArcGIS Indoors within the LCPA team. This initial proof-of-concept, designed to quickly showcase the platform's power, laid the foundation for future expansions that could include wayfinding, asset management, and space planning use-cases for their ArcGIS Indoors system. The successful proof-of-concept has set the stage for broader applications, empowering LCPA to enhance operational efficiency and passenger experience at Southwest Florida International Airport.