

Abstract

A Case Study in GIS Technology for the Aviation Industry

Track: Transportation

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ETM was approached by the Jacksonville Airport Authority to create a base GIS implementation for assisting with facility management, security, and operations. The paper presented will focus on the conversion of Airport Layout Plan (ALP) data into a geodatabase schema derived from the Spatial Data Standards for Facilities, Infrastructure, and Environment (SDSFIE). The paper will encompass:

Deriving statements of Need

Creation of SDSFIE Filters based on defined needs

Generation of a geodatabase schema based on filters

Conversion of ALP data

Exposing converted data via ArcIMS

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