Abstract

A Case Study in GIS Technology for the Aviation Industry
Track: Transportation
Author(s): Bryan Stewart, Kimberly Garbade

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

Bryan Stewart
England, Thims, and Miller
GIS
14775 St. Augustine Road
Jacksonville, FL 32258
USA
Phone: 904.642.8990
Fax: 904.646.9485
E-mail: stewartb@etminc.com

Kimberly Garbade
England, Thims, & Miller
GIS
14775 St. Augustine Road
Jacksonville 32258
USA
Phone: 904.642.8990
Fax: 904.646.9485
E-mail: garbadek@etminc.com