



Aviation Project Profile

Boeing Field – King County, Washington Information Technology Master Plan (ITMP)

Client Profile: King County International Airport—also known as Boeing Field—is one of the busiest primary non-hub airports in the nation. Located just five miles south of downtown Seattle, it averages more than 300,000 operations (takeoffs and landings) each year. In 2001, it was selected by the National Air Transportation Association as one of the “100 Most Needed Airports” in the United States.

The airport serves small commercial passenger airlines, cargo carriers, private aircraft owners, helicopters, corporate jets, and military and other aircraft. It is also home to the Boeing Company’s 737 aircraft flight-test program, along with other Boeing operations.

Project Description: SDG, in association with Convergent Strategies Consulting, is currently developing the business and technical requirements for the Information Technology Master Plan for Boeing Field. The plan will integrate the airport’s operational goals and business objectives with suitable recommendations and IT solutions. The ITMP will provide a well designed strategy and approach for IT projects and implementations throughout the next three to five years.

Specifically, the SDG consulting staff is in the process of performing a complete review of following existing systems:

- Property and Revenue Management
- Geographic Information System
- Runway Lighting System
- Computerized Maintenance Management System
- Flight Tracking System
- Noise Monitoring System
- E-Commerce web portal
- Airspace and Navaid Obstruction
- Aircraft Fueling

Based on the analysis, SDG will make a series of recommendations for each system, compile cost information, and develop a high level implementation plan as part of the study.

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