Information Technology Solutions Provided to U.S. Airports

Airport Ops. Center/Emergency Operations Center

As largest subcontractor on project, installed and configured all network infrastructure equipment, network system servers, desktop PCs, multiple software applications and wireless access points. Responsible for commissioning, quality control, testing, training and as built drawings for entire project which allowed AOC/EOC to open on schedule.

Multi-User Flight Information Display Systems (MUFIDS)

Implement the network infrastructure in main terminal and concourses, baggage claim and transportation mall also provided electrical services and created emulation lab to test equipment.

Wi-Fi Network & DAS Cell Phone System

Managed installation, resources and oversight for specific portions of the world’s largest airport cellular/PCS project that covers the entire 5.8 million square foot airport complex. Responsible for the installation of the entire infrastructure including, over 40 miles of Ethernet cabling, 5 miles of fiber optic cable, 10 miles of coaxial cables, all Cisco networking equipment and over 700 antennas. Completed project on accelerated six-month schedule during winter holiday seasons.

Gate Info. Display Upgrades

Replaced and installed Cisco equipment at Atlanta Airport Concourse E gates.

AVIATION SERVICES

Wi-Fi/DAS Implementation
Airport Operations Centers/Emergency Ops. Centers
System Integration
Project Commissioning and Construction Management
Disaster Recovery
FIDS Installation
CUTE/CUSS Implementation
Security Solutions
Web Development/Implementation
Network Infrastructure Design & Implementation
Project Management
Data Center & Telecom Closet Design & Oversight
Directory Listing Design, Build, Installation
Inside/Outside Plant Cabling (voice, data, security)
Custom Training
IT SOLUTIONS PROVIDED TO U.S. AIRPORTS (continued)

SITA, CUTE & FIDS Systems
Installed and implemented CUTE system and FIDS in secure areas of airport.

Airport Website, Training & Desktop Support
Upgraded network servers; conducted MS networking training to airport IT staff; implemented Oracle financials package; provided desktop and network support for 3 consecutive years.

TBI Airport Management
Installed network equipment and electrical system components; PC and airport systems integration and support.

Int’l Aviation Consultants
Provided network infrastructure services to group managing initial planning phases for new 5th Runway, International terminal and consolidated rental car facility.

ARINC CUSS & Kiosk Solutions
Installed and implemented CUSS and Kiosk systems throughout the airport.

Airport Police & Fire Ops. Center
Designed emergency 911 network infrastructure to backup existing system; designed 911 connectivity for over 15 precincts; upgraded and supported 911 systems at CAD location; provided technology assessment of precincts and 911 call center; established internal secure private comm. Network; contracted for 10 years to support 911 system.

Airport-Wide Security Support
Implemented and maintained all CCTV cameras, emergency call boxes, head-end equip., and AED devices.

LAN/WAN Infrastructure Redesign
Designed and implemented LAN/WAN topology connecting 16 off-site locations to the administrative offices. Selected and installed new, secure LAN/WAN communications infrastructure including active network connections to accommodate airport operations.

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