TDC SYSTEMS INTEGRATION

MULTI-USER FLIGHT INFORMATION DISPLAY SYSTEMS

CASE STUDY

What is the intended outcome?

Travelers will have greater access to flight information monitors in the airport.

What advantages can the MUFIDS project bring?

Travelers at Hartsfield-Jackson Atlanta International Airport will have the benefit of viewing their flight information from various new locations throughout the airport including the international terminal and the ticketing area corridors at Terminal North.

This project will help travelers save time and make their travel more pleasurable after having more alternatives to find out the status of their flights.

Background

Hartsfield-Jackson Atlanta International Airport is the busiest passenger airport in the world and serves more than 80 million travelers each year.

The Challenge

Travelers, whether connecting to another aircraft or departing from Atlanta, will need to be informed about any changes to their scheduled flight (including gate locations or departure times). Flight information display (FID) monitors provide real-time status of a flight.

Providing travelers with the highest level of service is a priority for Hartsfield-Jackson Atlanta International Airport. The airport created a plan to expand the number of locations where FIDs are available in the airport and wanted to allow multiple airlines to have access to the service.

In December 2006, the airport awarded a contract to Infax, Inc. to complete the project.

TDC Systems Integration, working as a subcontractor on the project, provided the structured cabling infrastructure and local area network scope of work for the MUFIDS project.

The TDC Advantage

TDC Systems Integration was awarded a subcontract of approximately $515,000. The company was selected based upon its knowledge of the airport's infrastructure. TDC Systems Integration was also selected because of its competitive pricing.

TDC Systems Integration was selected for the MUFIDS project because of the company's knowledge of the Atlanta Airport and its competitive pricing.

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SCOPE OF WORK

TDC Systems Integration installed the data cabling including single mode fiber optic, Cat5e and Cat6 cabling, 1" and 2" conduit and wiremold. The **structured cabling system** provides a consolidated communications infrastructure used by network systems and is comprised of copper (Cat5e and Cat6) and fiber optic cables routed throughout the airport. The structured cabling system provides a consolidated infrastructure backbone and horizontal media. The system also provides communication transmission for the local area network or LAN, which supports the new Multi-User Flight Information Display System (MUFIDS).

The **local area network** (LAN) provides communications distribution backbone for MUFIDS. The LAN utilizes the structured cabling system as a medium for communication transmission. The LAN was connected to outside data collection interfaces as well as the existing airport network. The network components TDC Systems Integration installed for the LAN infrastructure include the Cisco switches, Cisco fiber module, and uninterruptible power supply (UPS).

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ABOUT THE COMPANY

The company's depth of experience, efficiency and attention to detail results in successful projects and contributes to TDCSI's ranking as one of the fastest growing and successful contracting firms in the nation.

Industries We Serve:

- Department of Transportation
- Aviation
- Public Safety
- Healthcare/Medical
- Local, State, and Federal Municipalities

Our Services:

- IT services, solutions & support
- Facility build out (elec., HVAC, cabling)
- Network/system infrastructure
- DOT installations (traffic signal, overhead interstate message boards, interstate cameras, mass lighting)
- Aviation technology solutions, services and support