Johnson Control and TDC Systems Integration Article



Hartsfield-Jackson Atlanta International Airport

Project: Hartsfield-Jackson Atlanta International Airport
Initial Contract Amount: $48M – Terminal Technology Contract; $25M - DAS Contract; $5.6M - Wi-Fi ; $7.5M - CCTV upgrade
Type: Technology Contracting

Background: More than 94 million passengers fly in and out of the Hartsfield-Jackson Atlanta International Airport each year. As the airport made plans to expand, technology and security were key components of the new international terminal. Johnson Controls already held the contracts for the Metasys® Building Management System and a service contract for the video surveillance. The airport understood through past experiences the value the Johnson Controls team provided as well as the systems integration expertise.

Solution:

The Johnson Controls team assessed the airport's needs and designed a plan to help them meet their security and technology goals. The team leveraged their strategic alliance with Cisco, who was already on-site at the airport, to get competitive pricing on networking systems and products. They also partnered with TDC Systems Integration, a minority-owned technology integration firm which specializes in airports. In fact, the team was able to attain a 46% minority participation rate through the partners they selected, exceeding the city's mandatory 35% minority participation rate for the project. The Wi-Fi project provided the airport with a network upgrade to allow more users to access the network concurrently. JCI completed the installation and supported the network testing ahead of schedule, earning a $2M early completion incentive to be shared with the team's lead subcontractor.

Technologies Include:

- Johnson Controls Metasys® Building Management System
- Security, Access Control, and Video Surveillance System
- Communications Backbone and High Speed Network
- Multiple User Flight Information Display System
- Integrated communication systems
- VoIP
- Wi-Fi System
- Distributed Antenna System (DAS)
- Proprietary systems for ticketing and gate management

Additional Benefits:

The solution delivered a holistic, integrated view of building technology requirements. The implementation of greater integration across systems increased operational efficiencies and offered a coordinated installation of all Airport Special Technology Systems.

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