

Baltimore, MD 2007

Job Type:

2 GHz BAS Implementation

Industry:

Television Broadcast

Scope of Work:

11 Associated Job Sites

Site Survey

Inventory Coordination

Job Site Coordination

Project Management

Systems Integration

Project Details

Project consists of multiple site/multiple product indoor and outdoor 2GHz BAS Microwave equipment installations, with outdoor tower elevation range of 39' to 990'.

Indoor work encompasses drawings, cabling & bench testing prior to tower installation and installation of cable & wiring for all associated equipment.

Outdoor work includes multi-tower and rooftop installations of various transmission equipment intended for communication back to central receive site.



Job Site: Legg Mason Building Quad Antenna Installation



Job Site: TTI Tower Elevation: 990' Microwave Antenna Installation



Job Site: TTI Tower Elevation: 990' Microwave Antenna Installation & DSI Staff Member



Job Site: TTI Tower Elevation: 990' Microwave Antenna Installation Completed

Challenges

Multi-Site indoor & outdoor locations and various heights. Equipment supplied from multiple manufacturers requires interoperability functionality & field troubleshooting at times.

RF Safety concerns due to number of antennas on the tower

Solution

Establish strong relationships & communications among and between all involved manufacturers. Work as a team to remedy intercommunications issues between equipment. Performed bench tests in our lab prior to project start.

Utilized RF Radiation suits during the entire installation.

DSI

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