

AFL Mobile Access DAS Installation

Summary

Connectivity Wireless, an AFL DAS integration partner, required rapid installation of a Mobile Access DAS at the Sumitomo Tire plant in South Carolina.

Challenge

Installation of the DAS system fiber, coaxial cabling, antennas and active electronics had to be completed in less than 15 days to cover over one million square feet of floor space with five-bar Sprint PCS cellular coverage.

Solution

AFL installed over 4,000 feet of single-mode fiber, 5,000 feet of half-inch coaxial cable, multiple fiber optic remotes and many server antennas throughout the factory in eight days—far exceeding the customer's request of 15 days. All cabling was tested and found to perfectly meet the integrator's strict requirements. The fast turnaround was attributed to AFL's thorough pre-site project planning for accuracy of required materials and equipment. This attention to project detail and the high level of installation talent of AFL's team avoided delays and need for redeployment.

Results

The DAS was deployed on schedule with accolades from Connectivity Wireless for AFL's level of planning, professionalism, teamwork and exceeding their deployment timeline. This very large Sumitomo Factory can now enjoy five bars of Sprint PCS cellular coverage when previously there was no coverage.

