



T-MOBILE PROVIDES IN-BUILDING COVERAGE AT LINKEDIN HEADQUARTERS IN SAN FRANCISCO

LinkedIn's new corporate headquarters in San Francisco's trendy South of Market (SoMa) district is designed to use space and interactive technologies in innovative ways, encouraging employees to move around the building to work, collaborate and socialize. Because this mobile way of working requires excellent indoor cellular services, LinkedIn partnered with T-Mobile's Build Your Own Coverage program to deploy a dedicated distributed antenna system (DAS). Employees now have cellular services from anywhere within the premises.

The Challenge

The LinkedIn Class A office building is 26 stories high, has an all-glass facade, and covers 440,000 square feet. It was difficult for T-Mobile's outdoor macro network to serve the building, because RF signals do not penetrate tinted glass or reach the upper floors. T-Mobile needed to design its DAS application to ensure building-wide coverage and an optimum user experience with capacity for LinkedIn's entire workforce of 2,500.

The Solution

LinkedIn had planned well for its DAS and had installed the needed infrastructure during construction, including the Single-Input Single-

Output (SISO) antennas to be used by the system. T-Mobile brought in radio equipment and backhaul infrastructure to connect the DAS to the carrier's 4G LTE and 3G UMTS services. T-Mobile configured the network in two-sectors: sector 1 covers the lobby to twelfth floor, and sector two covers floors 13 to 22.

The Results

T-Mobile activated services on the DAS within 8 months of the project's approval. The indoor customer experience improved immediately, with data speeds of 144 Mbps (downlink) and 25 Mbps (uplink).

If you have indoor wireless coverage issues, start by learning more about T-Mobile's Build Your Own Coverage program.

QUICK FACTS

Venue

LinkedIn Headquarters
San Francisco, CA
Built in 2016

Goal

Robust coverage for employees

Success Metrics

T-Mobile data speeds:
144 Mbps (downlink)
25 Mbps (uplink)

Technology

Distributed antenna system (DAS)

For More Information Contact

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