



Form Meets Function—Aesthetically Pleasing Indoor Wi-Fi Achieved

TerraWave Solutions' indoor enclosure offering is perfect for challenging interior deployments.

Securing wireless access points (APs) across multiple buildings throughout the US while maintaining common aesthetics can prove challenging for a business of any size. When a large firm with locations throughout the US decided to upgrade their Wi-Fi services and renovate the look of each facility, they were faced with the task of designing a robust wireless network that would offer consistency in both look and performance.

Upon completing thorough site surveys, the firm realized it needed to use both external and integrated antenna APs to create an optimal Wi-Fi network. This posed a challenge to the consistent, modern, sleek design that the firm was trying to achieve. The structure of the buildings would also require some APs to be mounted in the ceiling while others needed to be horizontally mounted to avoid interference. In addition, the firm also needed to adhere to federal regulations that require the APs to be secured and inaccessible to staff and visitors.

The firm sampled most of TerraWave's indoor enclosures and was able to select complimentary enclosure designs suitable for the look of each facility and compatible with the selected access points and mounting styles. The upgrades resulted in a reliable, single network platform that offered a modern and consistent look throughout each office in the US.



Hard Cap Ceiling
Enclosure with Key
Lock



Ceiling Tile
Enclosure with Key
Lock



Ceiling Tile
Enclosure with
White Bubble
Enclosure and Key
Lock



Horizontal Wall
Mount Enclosure

Overview

Company — Indoor, small to medium sized enterprise

Situation — Designing a high performing indoor Wi-Fi network for multiple locations throughout the US

Challenges — Deploying external and integrated antenna APs to create an aesthetically pleasing, optimal Wi-Fi network

Solution — Enclosures designed to fit both internal and external antennas

Products — Ceiling Tile Enclosures, Hard Cap Ceiling Enclosures and Horizontal Wall Mount Enclosures