

# CommScope carrier-grade Wi-Fi services vertical market solutions for the enterprise

## Overview

In today's business world, reliable Wi-Fi connectivity is vital. Employees no longer just need to be online when they sit at their desks, rather they need to be able to access the network from anywhere in the office. To conduct business securely and seamlessly, they must virtually collaborate with clients and partners throughout the space—conference rooms, offices, breakrooms and lobbies. So it's no surprise that businesses are demanding reliable and secure high-speed Wi-Fi throughout their offices so their employees and guests can do their jobs.

### The challenge: providing reliable Wi-Fi coverage for an office with a large floor plan

Real estate management firms conduct business at a rapid pace. Their employees need secure, flexible high-speed access to effectively manage their clients' diverse and high value investments on a daily basis. One such firm, located just outside New York City, moved into a newly renovated building with a large floorplan. The firm's leaders wanted the space to have leading edge technology so they could enhance client support and strengthen their market



### Benefits for enterprises

- Flexible access point location based on usage
- High-quality connectivity
- Cost-effective design and engineering

position. With the company's VIP approach to client management, the employees needed to provide personalized service and rapidly address customer issues as they arose. And employees may not always be at their desks when they needed to make that happen.

### The CommScope solution: creating specific levels of Wi-Fi coverage

The CommScope team leveraged its deep expertise with Wi-Fi networks and its understanding of the business needs of customers to create a customized level of coverage for the office. Rather than blanketing the entire office with the same levels of coverage, the business owners chose to tailor levels of Wi-Fi coverage to maximize their investment. After a complete site survey to audit the floorplan and determine the occupancy in each area, the team designed area-specific Wi-Fi coverage to ensure the greatest signal strength, while

extending the quality on line experience to office guests. Targeted Wi-Fi was deployed in spots such as the breakroom that are used less frequently, with more robust coverage and more access points in high employee traffic areas such as conference rooms.

After the new Wi-Fi network was installed, the company realized that a high-level of coverage was not needed in a certain area as initially expected. So the CommScope team moved access points to different locations where they would be more useful. The solution also supported guest Wi-Fi so that clients could easily access the Internet while visiting the office. The flexibility of being able to adjust the coverage level for any office area is inherent with this type of solution, so the dynamic Wi-Fi network continually supports the business.

## The result: Wi-Fi connectivity that moves with the business

CommScope designed and engineered a state-of-the-art, carrier-grade Wi-Fi solution that met the needs of this fast-moving company—with targeted coverage to ensure that employees had the secure and reliable access needed to serve their clients. As the firm's leaders expand and occupy more space in the building, they plan to add custom Wi-Fi coverage in new areas. The goal with the Wi-Fi network is to have it grow along with the business so employees can work with clients in the best way they know how—to deliver personal and timely service, whenever and wherever they are.

**For more information on wireless design and deployment services:**  
[www.commscope.com/professional-services/wireless-networks/](http://www.commscope.com/professional-services/wireless-networks/).

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