



CORNING

Business Success Starts with **Reliable** and **Forward-Thinking Connectivity**

Class A Office: South Central USA

Background

- New 300,000-square-foot, 35-floor luxury office building.
- New headquarters location for two corporations.
- Two tenants to share the space. The larger tenant has roughly 450 employees.

Meet the Project Leads

- **Steve**, real estate owner/developer, is responsible for leading and managing design support, construction, and financial outlook.
- Petroleum Corporate Headquarters, the joint partner of the real estate agency, will occupy 125,000 square feet in the building.

Challenge

The key stakeholders were tasked with meeting the requirements of both current and future tenants, while providing reliable cellular coverage and connectivity throughout the building, aligning with budget, and demonstrating a positive ROI for seamless future digital transformations.

Meeting the End Users' Needs

Joint Partner and Tenant Requirements:

Petroleum Corporate Headquarters

- Typical LAN infrastructure and cellular coverage.
- High-bandwidth speed and coverage for business operations.
- Demonstrated cost savings with a long-term investment.
- Neutral platform to grow with connectivity demands.
- Support future occupancy of commercial office space.
- Aesthetically pleasing, low-profile network components capable of blending into the office environment.

Future/Core Tenant Requirements:

Global Financial Corporation

- Host-neutral cellular network.
- High-performing Wi-Fi for reliable coverage and automated services.
- Security systems, including cameras.
- Video conferencing and A/V capability.
- Access control for office maintenance.
- Secure parking.

The stakeholders were working with a modular furniture developer to build walls, floors, and furniture that could be reconfigured easily. To go one step further, the furniture developer built the fiber optic network into the rest of their furniture deployment, treating the network as part of the furniture on day one. This meant no cutting drywall or doing electrical work, etc.

IT Division (Joint Partnership) Requirements:

- Ease of maintenance and operation of network.
- Reliable cellular and Wi-Fi coverage.
- Increased uptime.



Solution

The Corning® Optical Network Evolution (ONE™) Solution optimized optical fiber in the horizontal and enabled a simple converged network, which can save up to 30 percent initially and up to 50 percent on future upgrades.

A fiber-deep SD-LAN mixed technology environment enabled Wi-Fi, security, building management systems, distributed antenna systems (DAS), and A/V capability. The ONE solution met the end users' need for high-speed connectivity, as well as the operational and capital cost-saving requirements of the key decision makers.

As an added bonus, the fiber optic network was able to be designed into the furniture, meaning no heavy construction to install and keeping the visual focus off of the network components.

 See What's Possible in Your Network

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