



CORNING

Landmark Skyscraper with the “Need for Everything”

Downtown Corporate Headquarters: Midwest USA

Background

- 235,000 square feet containing a commercial headquarters and retail space.
- Headquarters for a global company that owns a family of different companies.

Meet the Project Lead

Alex, IT director, was the visionary for the network infrastructure.



Challenge

Having just finished cabling a large arena, Alex saw the limitations of a traditional network. The amount of copper cabling and cable trays in a legacy infrastructure could not satisfy the wireless connectivity needs of employees and provide the ideal experience for guests. She realized there had to be a better way.

Meeting the End Users' Needs

Commercial Owner:

- Wanted a "100-year building" with a wireless-first environment and seamless mobility.
- Robust A/V experience for customers, including digital signage.
- VoIP capability.
- Building management systems, including security cameras.

Application Needs:

- Ability to support approximately 100 4K resolution TVs in meeting rooms for video conferencing.
- High-performing security system supporting a surveillance system, secure networks, and parking.
- A/V video matrix, allowing any television to tune into events across the building.
- Building controls.

Solution

The Corning® Optical Network Evolution (ONE™) Solution combined fiber and power-to-the-edge capabilities to offer virtually infinite capacity with minimal space requirements. Customized to the building structure, the combination of a point-to-point and passive optical network (PON) enables future demands without major upgrades. The elimination of costly (in both time and dollars) future upgrades provides cost savings of up to 40 percent compared to a copper network.

The ONE solution, aligned with the overall technology vision, budget, and end-user requirements, will provide the ultimate experience for years to come, meeting the owner's need for a 100-year building.

 See What's Possible in Your Network

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