



CORNING

# Enabling First-Class Services for Years to Come with Fiber-To-The-Room Architecture

## Luxury Hotel: Northeast USA

### Background

- Renovation, including major technology upgrades, of a 150-year-old luxury hotel.

### Meet the Project Leads

- *Tom*, the technology consultant responsible for leading the design, construction, and financial outlook.
- *Hospitality Group*, the owners who require a robust, yet flexible, network upgrade.



## Challenge

### Preserving historic architecture

Tom's decisions must marry design with the existing 19th-century historic environment, while also enabling 21st-century wireless connectivity featuring flexibility and capacity for future entertainment and guest experience requirements.

#### Guest Requirements:

- Streamlined and open floor plan.
- High-efficiency lighting and electricity.
- Security systems.
- High-speed elevators.
- High-speed wireless connection for multiple devices.
- Access control of temperature and security settings.
- On-site and secure parking garage.

#### City Development Committee Requirements:

- Abide by city guidelines in design and construction.
- Provide economic benefit for the area.
- Meet state energy and environmental requirements.

## Solution

### Blending old-world grace with modern amenities in an elegant wire-it-once upgrade.

Combining optical fiber and power to the room offers virtually unlimited bandwidth capacity in a minimal footprint.

Customized to the historic building structure, the Corning® Optical Network Evolution (ONE™) Solution with software-defined technology enabled all future demands without multiple costly and time-consuming network upgrades. This enabled cost savings when compared to a copper network.

The Corning ONE solution, aligned with the overall vision and end-user requirements, will provide an efficient luxury experience for years to come.

 See What's Possible in Your Network

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