



CORNING

Luxury Hotel: Northeast USA

Enabling first-class services for years to come with fiber-to-the-room architecture

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™) Solutions with point-to-point connection enables all future demands without multiple costly and time-consuming network upgrades. This enables cost savings of up to 40 percent 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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