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.

Luxury Hotel: Northeast USA

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