DESIGN CASE STUDY

Leading Investment Advisors
Boardroom

TRITECH

THE CLIENT

LEADING INVESTMENT ADVISORS

Founded in 1995, this global firm manages funds across several traditional and alternative strategies for institutional investors and private clients. Headquartered in New York, with an office in London, the Firm invests across the entire capital structure. The firm is built on 5 key attributes that set it apart and is a signatory to the UN Principles for Responsible Investment (UNPRI) and supporter of the Task Force on Climate-Related Financial Disclosures (TCFD).

TRITECH

CHALLENGES

CHALLENGES AND SOLUTIONS IN INTEGRATING ADVANCED TECHNOLOGIES INTO HISTORIC ARCHITECTURAL SPACES

TRITECH was selected to provide design and engineering services for AV, IT, and Security technologies, based on its unique ability to provide a complete suite of services for all 3 disciplines. The Firm's headquarters, located in a historic building in mid-town Manhattan, presented unique challenges when integrating advanced technologies into such a space.

Limited Ceiling Heights and Floor Plans

Challenge: The building's limited ceiling heights and floor plans required special consideration for the placement of displays and cameras to ensure clear, unobstructed visibility for participants.

Solution: Innovative mounting solutions were developed, including wall-mounted and furniture-integrated displays and cameras. These solutions maintained the functionality and aesthetics of the space while ensuring optimal visibility.

Floor Space Limitations

Challenge: The floor space limitations demanded careful coordination to ensure that the Intermediate Distribution Frame (IDF) rooms were compact yet functional. These rooms needed to support the building's network needs without occupying excessive space.

Solution: TRITECH designed modular and space-efficient IDF rooms that maximized the use of vertical space. Custom-built racks and cabinets were used to house the necessary equipment while maintaining easy access for maintenance and upgrades.

Integration with Building Systems

Challenge: IT systems needed to be seamlessly integrated with the building's fire systems to allow for real-time monitoring and control. This integration was crucial to ensure that safety protocols were incorporated into the building's operations.

Solution: Advanced integration techniques were employed to connect the IT systems with the fire systems. This included the use of networked sensors and control panels that provided real-time data and alerts, ensuring that safety protocols were always up-to-date and effective.

Wire Pathways and Ceiling Access

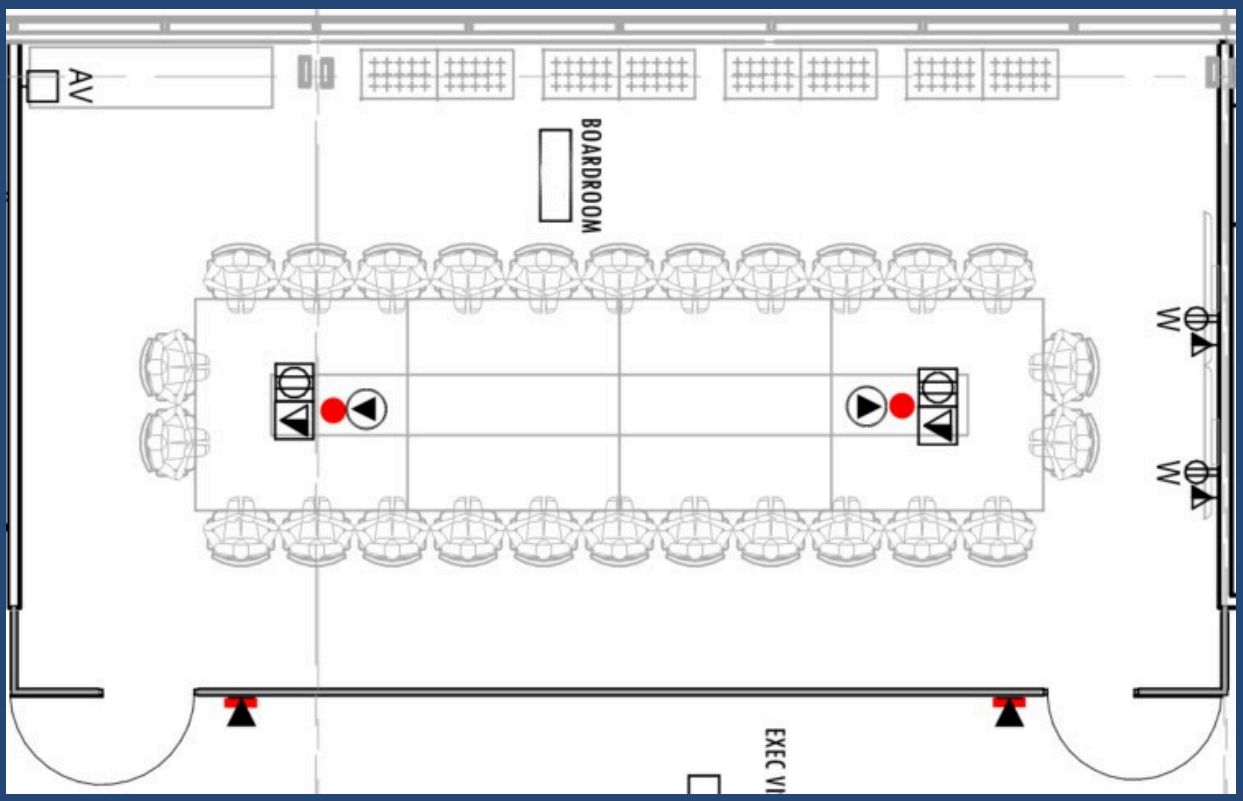
Challenge: Due to limited ceiling access, wire pathways had to be strategically planned to ensure that cables were installed in a neat and accessible manner. This planning had to comply with safety regulations while maintaining the building's aesthetic integrity. The ceiling access limitations also meant that loudspeakers and other typically ceiling-mounted devices had to be reconsidered to work in wall or furniture-mounted configurations.

Solution: TRITECH implemented strategic wire management solutions, including the use of concealed conduits and raceways that blended seamlessly with the building's architecture. Wall-mounted and furniture-integrated loudspeakers were designed to provide high-quality audio without compromising the building's aesthetics.

By addressing these challenges with innovative solutions, TRITECH successfully integrated advanced technologies into the historic architectural space, ensuring both functionality and preservation of the building's unique character.

THE PROCESS

FLOOR PLAN



RENDERING

REALIZATION

TRITECH