CASE STUDY

MPL ASSOCIATION: OFFICE TECHNOLOGY INFRASTRUCTURE

Rockville, MD | Office Renovation | Cat6 Network | Power + Data + AV

THE CHALLENGE

As part of a newly renovated office, MPL Association needed a complete low-voltage infrastructure to support reliable network, phone, and audiovisual connectivity throughout the space. The project also required a clean way to deliver power, data, and presentation connections directly to tables and workstations without loose or visible cabling disrupting the finished office.

OUR SOLUTION

Bailey Systems installed a complete structured cabling solution throughout the renovated office, including Cat6 network and voice cabling, patch-panel and workstation terminations, cable supports, labeling, testing, and certification. We also installed recessed floor connection points that bring data and audiovisual connectivity directly to tables and workstations while coordinating with the electrician for power integration.

PROJECT SCOPE

SCTRUCTURED CABLING

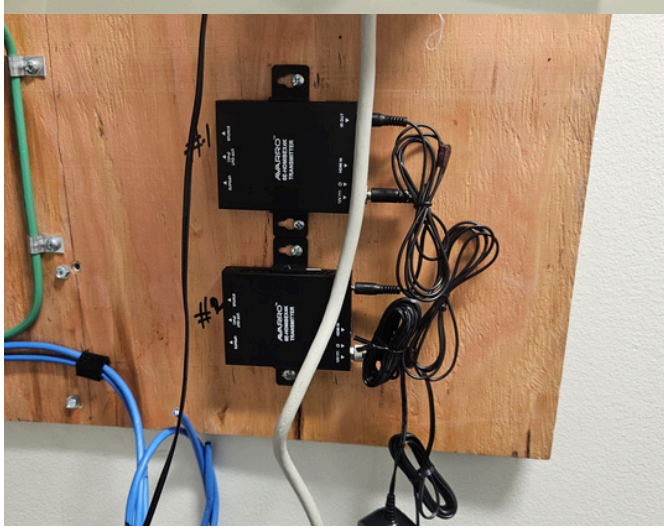
- Installed Cat6 plenum-rated cabling throughout the renovated office
- Installed J-hook cable supports above the ceiling
- Completed patch-panel and workstation terminations
- Labeled, tested, and certified completed cabling

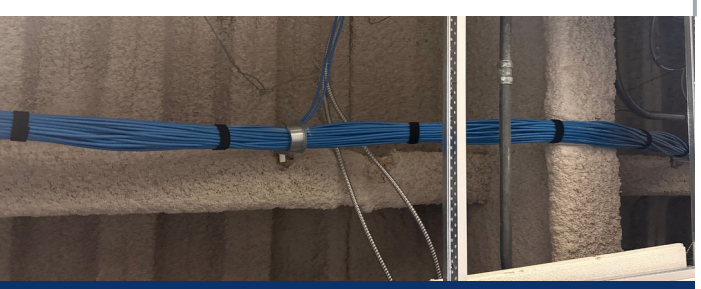
FLOOR CONNECTIVITY

- Installed two 4-inch recessed floor poke-through assemblies
- Extended data connectivity directly to hallway desks and tables
- Created an additional pathway into the LAN room
- Coordinated low-voltage installation with electrical work

AUDIOVISUAL CONNECTIVITY

- Installed data and voice connections at floor modules
- Integrated HDMI connectivity for presentation equipment
- Created flexible connectivity for current and future display/projector use





ORGANIZED CAT6 CABLING

DATA & POWER CONNECTIONS

HDMI PRESENTATION CONNECTIVITY

PROJECT RESULTS

- ✓ Delivered a complete low-voltage infrastructure for the newly renovated office
- ✓ Provided organized network and phone connectivity throughout the workspace
- ✓ Brought power, data, and AV connections directly to tables and workstations
- ✓ Reduced the need for loose or visible cabling across finished office areas
- ✓ Created a cleaner, safer, and more flexible workspace for future technology needs

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