

SERVICES

Strategic Planning/Visioning
Master Planning
Building Systems Integration
Implementation Oversight
Project Management

SYSTEMS

Audiovisual
Cabling Infrastructure
Network
Public Safety
Security
Voice
Wireless

Structured Cable Designer

Responsible for the design and development of multi-discipline structured cabling packages including document development and coordination with other trades. Producing structured cabling designs following construction industry processes including space requirements, SD, DD, CD deliverables, and Specifications. The ideal candidate will have experience with the full lifecycle of a project including proposal development to capturing and managing requirements; production of design narratives and conceptual system architecture; development of detailed system designs, through the production of system test & commissioning documents. The candidate must also be very familiar with producing structured system designs as part of the traditional construction industry project delivery process including space programming, schematic design, design development, construction documents, and construction administration. The ideal candidate will also have experience developing solutions for integrating structured systems into diverse building architectural designs and with other technology systems such as audiovisual, security, networks, cabling infrastructures, etc.

Primary Responsibilities include:

- Engineer/design Structured Cabling System design solutions including room sizing and placement.
- Interface and collaborate with internal technology staff and appropriate vendors to define and deliver a complete end to end solution that incorporates all aspects of the project's vision.
- Manage project deliverables and resource allocation to meet deadlines without sacrificing quality.
- Assist with the production, management, and maintenance of structured cabling system standards and specifications.
- Research, conceptualize and implement new and innovative solutions that push the boundaries of Structured Cabling Systems solutions to deliver cutting-edge/future-enabled facilities.
- Develop design/construction documents working in Revit and AutoCAD.
- Prepare technology project budgets, level proposals, coordinate with systems vendors, monitor and inspect work performed.

Required Skills:

- Capacity to listen to clients' business requirements and translate those requirements into a compliant structured cabling system design solution that meets expectations.
- Highly developed organizational skills, attention to detail, and ability to handle multiple tasks concurrently.

- Excellent computer skills including experience with MS Office Suites, SharePoint, MS Groups, Smartsheet (or other Project Management software).
- Knowledge of industry standards and codes (BICSI, NEC, EIA/TIA, NFPA, OSI).
- Proficient in Revit and AutoCAD.
- Familiarity with various manufacturers' products.
- Familiarity and experience with coordinating various interface protocols and emerging standards.
- Excellent writing, editing and communication abilities.
- Professional demeanor and appearance at all times, especially when interacting with clients and employees.
- Professional and positive attitude in a fast-paced and occasionally high-pressure environment.
- Ability to effectively present information and respond to questions from individuals at all levels.
- Ability to build and maintain rapport with all levels of staff, clients, and vendors.
- Impeccable phone etiquette, enthusiastic personality and positive team player mentality.

Education Required

BS/MS in Engineering or Engineering Technology Discipline or equivalent on-the-job experience
3 to 5+ years of experience in the design environment.