

VOICE AND DATA STRUCTURED CABLING SYSTEMS

Cable Installation

CTC specializes in the design and installation of structured, turnkey cabling installations that provide a solid foundation for voice and data networks. We strictly adhere to the various standards and specifications governing the data and voice wiring industry, including ANSI/EIA/TIA, NEC, BICSI, NFPA and all state and local building codes. Our trained and experienced technicians are up-to-date on new developments in cabling standards. CTC provides effective, efficient, and innovative cabling, zone cabling systems and cable management solutions.

In addition, CTC provides solutions for installations requiring outside plant solutions. Our considerable experience includes copper and fiber optic cabling solutions as well as expert termination.

Cabling solutions offered include:

- Fiber Optic Backbones, ISP/OSP
- Riser Backbones
- Ethernet – CAT 5e/CAT 6
- CCTV
- Fiber Based Security Systems
- CCTV and VOIP



Certification and Troubleshooting

CTC provides professional certification, troubleshooting and/or appraisal for cabling systems previously installed by others. Data transmission problems may be cable-related and CTC provides an in-depth analysis and certification program along with recommended actions to rectify any problems found.

Project Management/Construction Administration

In addition to the Cable Installation, Certification and Troubleshooting services listed above, CTC also provides Project Management services. These include, but are not limited to:

- Conducting periodic QA/QC inspections to ensure that completed and in-progress work meets quality expectations, quantity and configuration requirements, proposal promises, and code requirements;
- Documenting a "punch-list" log for all appropriate subsystems inspected, notarize the dates completed, and compile notes applicable to the QA/QC results;
- Ensuring communication, immediate action, and subsequent vendor follow-up to correct noted deficiencies; and
- Providing QA/QC inspection reports and ensure that the infrastructure documentation is delivered to the client.

Post-installation phase project management services include, but are not limited to:

- Oversight compliance for the entire system testing process using contractors' test results;
- Providing onsite supervision of random testing of the installed cabling system; and
- Authorized sign-off of the completed final deliverables.