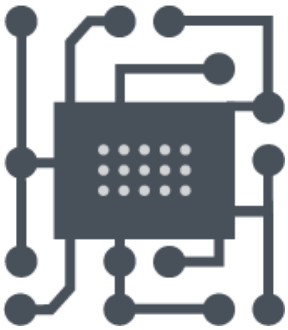
STRONG CABLING EXPERIENCE

FLEXIBLE DESIGNS

FAST SERVICE



Structured Cabling

With over 70 years of combined experience, ICN's personnel provides strong expertise with vertical and horizontal inside plant designs and cable plant services from wiring closets to inside wiring of fiber and copper infrastructures.

HIGH STANDARDS FOR AN ORGANIZED INFRASTRUCTURE

Our Standards

Highly experienced in the TIA/EIA* Structured Cabling Standards; this standard addresses commercial building cabling for telecommunications products and services.

* Telecommunications Industry Association/Electronic Industries Alliance

Forward Thinking

Every building's infrastructure is different and each site evaluation includes reviewing existing pathways for Category 5e, Category 6 and Category 6A cabling to support current and future services. By forecasting future needs, ICN can cable an environment to support a large variety of communication applications.

Reduce Future Downtime

A data closet full of unorganized cables can cause additional downtime and further delays. ICN can recommend network rack location, cabling basket system solutions, cable types, and unique labeling schemes. Once a telecom closet is organized, it is easier to troubleshoot when needed.

ICN Iowa Communications Network

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2020

STATEWIDE CABLE INFRASTRUCTURE SUPPORT

STRUCTURED CABLING

CUSTOMER-OWNED EQUIPMENT INSTALLATION

CIRCUIT EXTENSIONS

WIRE MANAGEMENT SYSTEMS

SITE SURVEYS

TROUBLESHOOTING

ICN's cable infrastructure support can perform vertical and horizontal inside plant designs with extensive cable plant services. ICN can deliver services statewide, offer site evaluations of existing pathways and provide recommendations on rack locations, cabling baskets, cable types and labeling.*

*ICN charges fees for Site Surveys used to produce Bids, Estimates, Project Evaluation, Project Design and Project Planning.

ICN'S TELECOMMUNICATIONS LAB

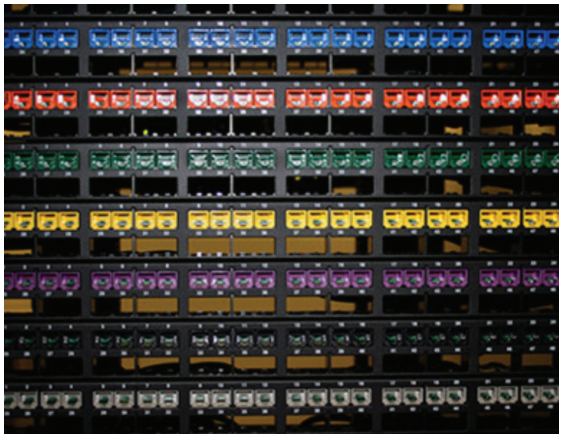
ICN'S CARRIER-GRADE TELECOMMUNICATIONS LAB LOCATED ON THE CAPITOL COMPLEX IN DES MOINES, IA

Finished Equipment Rack

ICN's personnel installed an overhead basket system to establish copper and fiber pathways to each of the twelve, two post relay racks, which house DC power, telecommunications equipment, and cable wiring.

Category 6 Color Coded Racks

Each equipment rack is color coded for ease of identification back to the consolidated patch panel. The implementation of color coding jacks and patch panel fields reduces the potential of creating a physical loop causing a network outage.



Category 6 Copper Cable Patch Panel

The copper cabling consists of 240 Category 6 cables which exceeds 12,000 feet. Each equipment rack has 24 Category 6 cables, which land in a patch panel dedicated to support equipment in the respective rack.