



Network
Design
Incorporated



Network Design Incorporated

Network Design Incorporated specializes in the design, installation and project management of Information Transport Systems (ITS) and the various technology solutions utilizing ITS. Our team of professionals use in-depth industry knowledge and extensive project management experience to deliver turnkey, industry-compliant and manufacturer certified installations for voice, data, wireless, audio/video and security solutions.

Our commitment to quality products and workmanship is what sets us apart from our competition. Our long-term and experienced workforce provides strong project leadership and ensures our teams are equipped to handle any project.

Whether you need a simple move, add or change (MAC) or are looking for a fully-integrated technology solution locally or nationally, NDI can help you reach your business goals.

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171 Cheshire Lane
Suite 700
Plymouth, MN 55441
(763) 475-7400

Voice & Data

Structured wiring is the pathway to delivery of all of your organization's digital information. A properly designed, efficiently installed and up-to-date system will improve system performance, client satisfaction and help you avoid lost profitability. Let us help you build a solid foundation for your Information Transport System.

INFORMATION TRANSPORT SYSTEMS

NDI specializes in the project design and installation of systems and infrastructures that transport information. This includes pathways, spaces, associated hardware, structured cabling and optical fiber systems within commercial buildings. We combine our expertise with Manufacturer Certified Solutions to meet your requirements.

- Cat 5E, 6, 6A, STP, coaxial cable, multi-pair copper
- Single mode and multimode optical fiber
- Splicing (fusion and mechanical)
- Power meter and OTDR testing and reporting

SYSTEM DESIGN AND DOCUMENTATION

NDI provides complete design services and turnkey transport systems solutions for your environment. We are committed to 100% client satisfaction and strive to implement comprehensive, integrated solutions, while continually seeking new and innovative ways to improve the capabilities and quality of our services.

- Registered Communications Distribution Designers (RCDD) on staff.
- Designs compliant with EIA/TIA Standards, the National Electrical Code (NEC), BICSI Installation Methods and manufacturer requirements.

DESKTOP SERVICES

NDI will assist with the connectivity, inventory and asset management of the customer desktop devices.

- Phone moves and install
- PC moves and installations

WIRELESS SERVICES

Wireless communications have become an integral component of the Information Transport System. NDI provides installation services for wireless devices and the supporting infrastructure.

- Wireless access points installation and deployment
- Cable infrastructure to support wireless communications devices

OUTSIDE PLANT

NDI provides complete design, implementation, installation and documentation services for Outside Plant facilities for campus and inter-building projects.

- Design
- Implementation
- Installation
- Designs compliant with EIA/TIA Standards, the National Electrical Code (NEC), BICSI Installation Methods and manufacturer requirements.

Data Center Services

Data centers are an integral part of today's IT-driven organizations. With the growing dependency on data traffic you need to expect the best possible performance from one of the most critical spaces in your facility. Network Design can help take the complexity out of planning and designing data center build-outs. Our Registered Communication Distribution Designers (RCDD) help organize and manage your cable infrastructure, pathways, security and UPS requirements.

CABLE INFRASTRUCTURE

Cable Infrastructure is the lifeline that connects mission critical applications within a data center. Cable performance has a direct impact on network performance, data rates and the efficient transportation of communications. The Cable Infrastructure becomes more important as data centers grow in size, complexity and demand more bandwidth. NDI installs robust distributed cable infrastructures that are strategic in performance and usability.

- Horizontal and backbone cabling
- Category 5e, 6, 6A solutions
- Multimode and single mode optical fiber
- Multipair feeder
- Distribution area racks and cabinets
- Cable tray, supports and pathways
- Bonding and grounding

PATHWAYS & SPACES

Within the core of the data center design criteria lies pathways and spaces. Whether your data center is a raised floor environment or not, proper planning and sizing of the infrastructure pathways are critical. NDI can help size and layout basket trays or ladder racking pathways that support the infrastructure effectively and integrate with other under-floor or overhead systems such as electrical, fire suppression and HVAC.

- Registered Communications Distribution Designers (RCDD) on staff.
- Designs compliant with EIA/TIA Standards, the National Electrical Code (NEC), BISC Installation Methods and manufacturer requirements.

UNINTERRUPTIBLE POWER SUPPLY UNITS

Data Center stability requires clean, robust and redundant power. Let NDI recommend an uninterrupted power supply (UPS) solution that meets your data center's growing needs.

- Manufacturer Reseller
- Proper Sizing
- Specifications
- On-line, line interactive, off-line
- technologies

Sound & Security

NDI provides physical security solutions that are designed around the most visible industry standard, non-proprietary products on the market today. Our solutions give you the features you need today with the flexibility to grow.

VIDEO SURVEILLANCE

We understand IT technology and design video surveillance systems that maximize your previous IT investment. We provide IP and network based video surveillance solutions that allow your business to manage and control your systems not only locally but nationally as your business continues to grow.

- Digital Video Recorders (DVR's)
- CCTV
- IP Cameras
- IP Video

ACCESS CONTROL

We design and install card access and optical turnstile systems that add value and credibility to your facility while being sensitive to your budget. Our security solutions help your business to grow by allowing you to focus your energy on what you do best and leave the security issues to us.

- Card Readers
- Turnstiles (optical and barrier type)
- Electric locking hardware
- ID badging systems
- Ongoing service and maintenance

INTRUSION DETECTION

NDI understands today's security technology and designs intrusion detection systems that are user friendly and budget sensitive. We provide security solutions that can grow with you as your business continues to grow.

- Digital keypads
- Door contacts
- Panic (hold up) buttons
- Motion detection devices
- Glass breakage detection devices
- Temperature and water sensors

PAGING & INTERCOM

We engineer and design paging and intercom systems that take advantage of the latest audio technology available. Our sound systems provide clear and crisp audio and provide added value when integrated into the security systems. Whether you're looking for a single door intercom system or an IP based paging system for your entire building, Network Design has a cost-effective solution for you.

- Speakers and volume controls
- Telephone handset paging
- Audio and Video intercoms
- Sound masking .
- IP-based solutions

Project Management

Our Project Management Team is dedicated to ensuring every project is delivered within our customer's defined timelines. NDI stays in constant contact with our workforce and customers throughout the installation process to insure every project stays on track from inception through completion.

NATIONAL ROLLOUTS

Whether your project is one or hundreds of locations, Network Designs' project managers utilize our proven process to successfully manage your project from start to finish. Our National Operations Center is located in Plymouth, Minnesota. We will help design, install and maintain your project for you on time and within budget. Our knowledgeable staff has experience in meeting the needs of clients who require large scale rollouts with aggressive timeframes while adhering to a defined budget and customer specifications.

- Daily and weekly meetings and status reporting
- NDI assigns a single project manager who will manage and coordinate your project from beginning to end
- Web-Based Reporting – NDI utilizes a powerful web-based collaboration tool to report daily updates
- Project Tracking
- Site surveys and evaluations
- Quality screened national sub-contractors

AUTO CAD

NDI offers a autocad services for cable infrastructure, security and datacenter design project needs. All drawings are precision drafted by hand to create dimensionally accurate, layered, and ready-to-use electronic CAD files.

- Design services
- Design consultation
- As-Builts
- On-site field verification
- Plotting / Printing services
- Full-color 3D renderings (if requested)

DEVELOPMENT OF CUSTOMER STANDARDS

Proven standards and meeting the required specifications of today's technology needs aids us in achieving every customer's IT goals. We leverage our experience to assist our customers in defining and implementing corporate standards and monitoring compliance.

- Wiring specifications and standards
- Closet layout
- Faceplate configuration
- Brand and manufacturer selection
- Warranty

INSTALLATION SERVICES

Our highly trained personal, our focus on customer service, and our years of experience guarantees your installation and daily service requests will be handled promptly and professionally.

- Moves, adds and changes (MACS) services
- Manufacturer certified technicians and installers
- NDI/OSHA safety trained
- IBEW union labor
- Responsiveness to critical needs and time sensitive requests