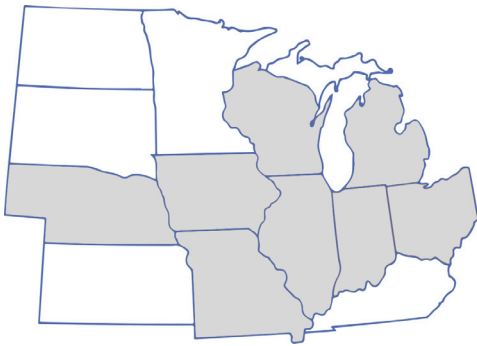


Bringing Telecommunication Systems to life.

Telecom Engineering specializes in bringing telecommunications systems to life through specialized engineering services. Since 1998 the country's largest telecommunications providers as well as state and local governments have counted on us to envision, design and implement the systems that make data transfer possible throughout the Midwest.



Professionally licensed
across the region.

Illinois	Missouri
Indiana	Nebraska
Iowa	Ohio
Michigan	Wisconsin

*RCDD/City of Chicago
Master Electrician

WHAT WE DO



NEW BUILDS



LATERAL



RELOCATIONS



AS BUILDS

WHO WE SERVE

- City of Chicago
- Olivet Nazarene University
- Sprint/Nextel
- Fiber Link
- Verizon Business
- Paetec/McLeod USA
- XO Communications
- Level 3 Communications
- RCN
- 360 Network/Zayo Enterprise Networks
- NextG Networks/Crown Castle
- Sidera Networks

We are an active member of
our engineering community



We are a minority- and
veteran-owned and managed
professional engineering firm.

LET'S GET TO WORK

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Chicago, IL 60661

312.612.5216
office

312.612.5219
fax

contact@telecom-eng.com
e-mail

telecom-eng.com
website



OUR SERVICES

Professional Engineering (PE) Services

We are professionally licensed in 8 states to serve our customers across the Midwest.

Project/Construction Management

We professionally manage and coordinate projects, promptly resolving issues and minimizing potential delays.

Pole Loading Analysis

Our field engineers audit utility poles to evaluate structural load for joint use, safety and network reliability, and planning.

Aerial & Underground Engineering Design (OSP)

We design cost effective routes evaluating options, including Bridge Attachment and Confine Spaces routing designs.

Inside Plan Design (ISP)

Field engineers visit clients' locations and collect information related to the building floor plan and equipment space as well as requirements to design and document network paths.

Broadband/FTTH Engineering Design

We efficiently design complex Hybrid Fiber-Coax networks using Lode Data software that meets our clients' RF signal levels and powering parameters.

Surveying

We determine the terrestrial position of relevant monuments with centimeter precision to create detailed base maps for network design.

Drafting

We merge field survey, ROW/ easement and utilities data to create detailed permitting and construction drawings.

E-80 / E-90 Calculations

We conduct E-80 and E-90 calculations to be incorporated to network designs that are sensitive to railroad concerns about safety.

Permitting

We gather and complete requirements needed by respective AHJs and shepherd them through the permitting process to ensure timeliness.

Field Inspection

We work as a remote set of eyes for our customers, continuously communicating with contractors and AHJs representatives.

Representation

We represent network providers to determine the extent of potential impacts municipal infrastructure changes may have to a network.

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