



A Network Built For State & Local Governments

The Illinois Century Network (ICN) understands networking and the importance of high-speed fiber-optic broadband for state and local governments!

We provide a 2000 mile fiber-optic communications network connecting over 1500 government sites. The ICN offers the capacity, dependability, security and scalability required to support shared service partnerships, video, audio and first responder applications. Our network is designed to meet the ever-growing needs of state and local governments.

Services Tailored For Illinois Government

The ICN offers a broad portfolio of services catering to the unique requirements of state and local governments. The ICN architecture, personnel and services are focused on supporting government. Examples of this include: collocation services which eliminate the need for municipalities to establish their own data centers, Quality of Service (QoS) which ensures quality and throughput for high priority video and voice communications, and the ability for local governmental entities to quickly interact with State Agencies as part of the State of Illinois' data network.

The ICN ensures both world class technology and service for the State of Illinois and local governmental entities!

SPEED & RELIABILITY

The ICN 100Gbps core is fully redundant connecting to multiple Tier 1 providers and peers with presence at 350 East Cermak in Chicago and 900 Walnut in St. Louis. Service is available from 10Mbps to 10Gbps with the ability to scale higher.



NETWORK MONITORING

Protection of the network and customer connections is our priority. The ICN Communications Management Center (CMC) monitors the network and customer connections 24x7, mitigating DDoS attacks and other threats quickly and effectively.



SPEED & RELIABILITY

HIGH-AVAILABILITY

GUARANTEED AVAILABILITY

24/7 SUPPORT



Contact Us Today!

For more information, contact your local Regional Technology Center or visit www.illinois.net.
General Inquiries: 217-524-3648 or 312-814-3648 Option 2 | DoIT.ICN@illinois.gov



BENEFITS AT A GLANCE:

HIGH-AVAILABILITY

The ICN will keep you connected! Our redundant statewide backbone ensures network uptime

SPEED & RELIABILITY

Fast reliable and scalable service with low latency and ability to control Quality of Service (QoS)

GUARANTEED & SYNCHRONOUS BANDWIDTH:

You get exactly what you subscribe to with the same upload and download speeds

POINT TO POINT & MULTIPOINT TRANSPORT:

Configure your own private network between locations across the state

CACHING SERVICES:

ICN has both Google and Akamai caching servers delivering efficient content locally

RESILIENCY & REDUNDANCY:

Built-in resiliency through redundant and diverse routing, with multiple Tier 1 providers, physically diverse backbone and Internet egress points

FULLY MULTICAST ENABLED:

Broadcast quality video from CSPAN, PBS, NASA and hundreds of other bandwidth intensive Internet sites without delays or buffering

COLLOCATION FACILITIES:

Place large applications at the network core freeing up your last mile bandwidth and improving availability

FIBER BUILDS:

Interconnect your local municipal fiber network to the ICN and realize cost savings for your community government offices, libraries, schools, and healthcare providers

How Does ICN Compare?

TYPE	ICN	CABLE	MODEM	DSL
Symmetrical	Yes	No	No	Yes
Oversubscription	7:1	50:1	50:1	10:1
Availability	Guaranteed	Best Effort	Best Effort	Guaranteed
Latency	10ms	Not Measured	Not Measured	40ms

VALUE-ADDED SERVICES

SECURE CONNECTION

MULTICAST ENABLED

PEERING PARTNERSHIPS

ICN Staff & Support

Your Trusted Advisors for Technology Excellence

You have our dedicated attention! There are nine Regional Technology Centers (RTC) strategically located throughout Illinois. RTC staff provide dedicated customer support and will work with you to create a customized network solution to meet your business requirements. The RTC team is backed up by the resources of our Network Services team and the Communications Management Center (CMC). Dedicated customer support is available 24/7.

Your Next Step!

Contact your local Regional Technology Center today to get CONNECTED! Find your local RTC office contact details at www.illinois.net and don't hesitate to call us at 217-524-3648 or 312-814-3648 Option 2.

What Our Customers Say!

Mark Latham, City Manager, City of Highland

"The more businesses we get on the network, the more we will all benefit. It used to be location, location, location. Now it is location but communication and communication. The new fiber network enables physicians to send x-rays to Chicago or anyplace in the world."

ICN Network Backbone

