

Illinois Century Network



The Illinois Century Network is Open for Business !

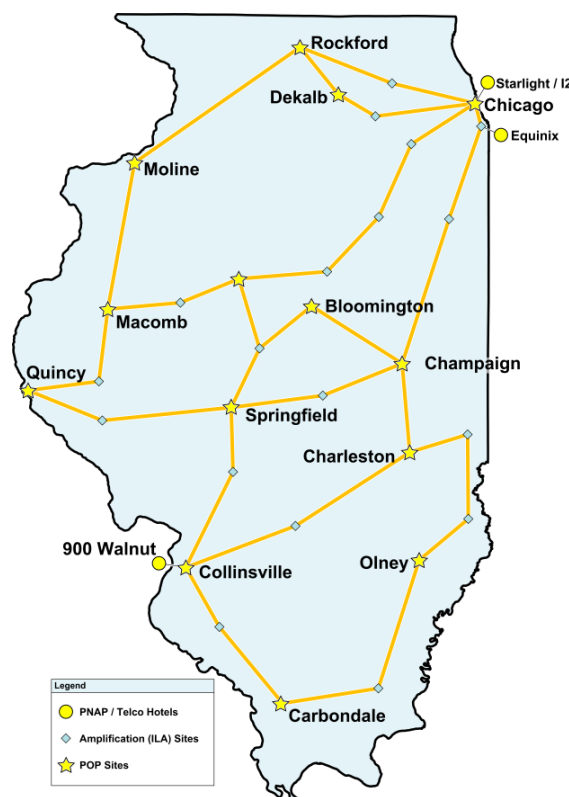
If you're a service provider selling broadband services in Illinois then you need to know about the Illinois Century Network (ICN). The ICN is a state wide high speed broadband network delivering fiber based bandwidth services to retail and wholesale service providers in Illinois. We have attractive pricing designed to facilitate the expansion of broadband within Illinois. Our services include dark fiber, lit bandwidth and colocation. The network includes over 2000 miles of fiber reaching many previously unserved broadband areas. There are 33 points of presence (POPs) including at key carrier hotels 350 East Cermak in Chicago and 900 Walnut in St. Louis. The ICN network has an extensive support model in place with 9 Regional Technology Centers located throughout the State together with a primary and backup Network Operations Center providing 24/7/365 support.

A Brief History of ICN

In 1999 ICN started as an education network providing broadband services to schools and community anchor institutions throughout Illinois. ICN provides bandwidth services to the education sector, as well as state agencies, the health care sector and public safety. Over 6000 community anchor institutions are connected.

With the award of a federal grant in 2010 to deploy broadband into underserved and unserved areas of Illinois, ICN has upgraded and expanded its network, moving from a primarily leased network to a network owned and managed by ICN. Following this upgrade, bandwidth services including dark fiber, lit service and colocation have been made available to commercial service providers since 2013.

The ICN network is owned by the State of Illinois and managed by the Department of Central Management Services. ICN objectives are to facilitate a broadband connected Illinois. ICN staff have been operating and building fiber optic networks since 1999 providing all necessary support functions including billing, year round support and maintenance.



Available Broadband Services

ICN has dark fiber, lit bandwidth services and colocation available for sale.

Dark fiber: Dark fiber is available for sale along 938 miles of network. The federal broadband grant supported a build of 144 fibers along the 938 miles. Man holes are available approximately every 1 – 3 miles allowing access for easy interconnections.

Lit services: Ethernet, High Availability Internet access and wave services are available throughout the network from 10Mb/s to 100Gb/s. Services are available from most of the POP sites and pricing is not location dependent. Lit services are supported at 350 East Cermak and 900 Walnut.

Colocation: Colocation is available at most of the POP sites, with AC and DC power available, full rack or half rack, with generator and UPS. Space available depends on POP site. Colocation can be used to house regeneration equipment when purchasing dark fiber or to establish a POP presence for the carrier network.

Did You Know ?

- ✓ ICN is one of the largest state education networks in the Country
- ✓ ICN provides Internet connectivity to over 6000 community anchor institutions in Illinois
- ✓ In 2013 ICN started selling fiber and bandwidth services to commercial service providers
- ✓ ICN has 9 regional support centers providing local support and expertise
- ✓ ICN has just completed a \$96M upgrade
- ✓ ICN has dark fiber, lit service and colocation available throughout Illinois
- ✓ Since 1999 ICN has provided 365/24/7 support to its customers, staffed by in house personnel
- ✓ Current ICN customers include critical public safety institutions that demand a reliable and fail safe, redundant network
- ✓ Our service agreements have specific features designed to facilitate broadband deployment in Illinois
- ✓ ICN offers attractive wholesale pricing to promote broadband to underserved areas
- ✓ ICN has over 2000 miles of fiber deployed in Illinois

POP Name	POP City	POP State
SIUC - Student Center	Carbondale	IL
Champaign Telephone Company	Champaign	IL
University of Illinois - Urbana-Champaign	Champaign	IL
Eastern Illinois University	Charleston	IL
State Office Building	Chicago	IL
Equinix	Chicago	IL
Starlight	Chicago	IL
CMS Regional Office	Collinsville	IL
Richland Community College	Decatur	IL
Northern Illinois University	DeKalb	IL
Level 3 Communications	Dwight	IL
Eldorado High School	Eldorado	IL
Elgin Community College	Elgin	IL
Level 3 Communications	Farmersville	IL
Level 3 Communications	Gridley	IL
Griggsville-Perry High School	Griggsville	IL
Kankakee Community College	Kankakee	IL
WIU Sherman Hall	Macomb	IL
Marissa Jr & Sr High School	Marissa	IL
WIU Regional Office Center	Moline	IL
Brown County High School	Mount Sterling	IL
ISU: Stevenson Hall Data Center	Normal	IL
Olney POP	Olney	IL
Edgar County Sherrifs Department	Paris	IL
Illinois Century Network - Peoria	Peoria	IL
Level 3 Communications	Plainfield	IL
John Wood Community College	Quincy	IL
Lincoln Trail College	Robinson	IL
EJ Zeke Giorgi Center	Rockford	IL
CCF - Data Center - ICN	Springfield	IL
900 Walnut	St Louis	MO
Waubensee Community College	Sugar Grove	IL
Kaskaskia College, Vandalia Center	Vandalia	IL

Pricing and Available Agreements

Pricing information is available at www.illinois.net. ICN pricing is designed to facilitate expansion of broadband throughout Illinois and as such is priced at attractive wholesale rates. We have standard agreements for dark fiber, lit service and colocation. Our dark fiber agreements include indefeasible right of use of the fiber for a twenty year term or a dark fiber lease on a monthly term. For lit service we have a master service agreement and for colocation a lease agreement. Sales to commercial providers started in 2013 with the sale of dark fiber, lit service and colocation. Geographic Information System (GIS) maps are available on request.

“The ICN fiber we’ve purchased enables us to bring broadband directly to residents and business in underserved areas of Illinois. The ICN network is a key component of our Illinois broadband expansion and the ICN team have been a pleasure to work with”

John Mark Williams, Sales Engineer, PEG Bandwidth