

A STATE-OF-THE-ART FIBER OPTIC NETWORK

INTERNET | DATA | VOICE | SECURITY | CONSULTATION



ABOUT US

AGENCY OVERVIEW

- 68 full-time staff.
- Customers choose the ICN because they want our service, not because they have to.
 - Fees for services make up the majority of the revenue received.

Reinvestment Back to Iowa

In FY 2022, ICN reinvested \$23M back into the private sector with \$9.51M going to private telecoms.

- Fiber Network Services, network maintenance provider (Iowa based).
- Lumen, managed voice provider.
- Datacenter connectivity (OneNeck & LightEdge) (Iowa based).
- ICN partners with the private sector for leased fiber connections to reach many of our customers.

Celebrating 30 Years of Innovation

The Network has transitioned from being the first of its kind statewide distance learning network to a mature network service provider.



We invite you to learn more:

- Read our Impact Paper
- Discover our History
- Learn about Current/Future Projects



SCAN ME

AGENCY FOCUSES

MAJOR PROJECTS

Aggregation Equipment Upgrade

Implementation of the 10Gb converged aggregation network.

- Allows Ethernet and IP services to pass through the network on a redundant and more resilient infrastructure.
- Provides an efficient, diverse network with greater capacity.

State Firewall Decentralization

The second phase includes taking 17 government agencies and providing their own individualized security solution.

- Add capabilities like intrusion prevention, content filtering, anti-malware and more.
- Explore enhanced reporting for agencies.

Cloud Services

Continue to expand connectivity for customers to reach cloud services by using our direct express routes to Microsoft (Azure), Amazon (AWS), Google Cloud, and 250+ additional cloud providers.

SIP Migration (Session Initiation Protocol)

Next advancement in technology.

- Provides additional applications.
- Retire the legacy Voice platforms.

LOCATIONS SERVED

425+

EDUCATION

Public & Private K-12.
Area Education Agencies.
Community Colleges.
Regents.
Private Colleges.
Libraries.

250+

HEALTHCARE

Hospitals.
Clinics.
ICN manages Iowa Hospital Association's healthcare broadband network (IRHTP).

550+

GOVERNMENT

County Courthouses.
DHS Offices.
IWD Satellite Offices.
DOT Garages,
Driver's License Stations,
& Construction Offices.

540+

PUBLIC SAFETY

Iowa HSEMD.
Dept. Public Safety.
National Guard.
Public Safety Answering Points (PSAP) for NG911 for Iowa HSEMD.



CUSTOMERS USE THE ICN AS THE TRANSPORT TO GET TO THE CLOUD.



NETWORK OVERVIEW

The Network is approximately **3,400 miles** of owned fiber and leased connections make up the balance.

Connections for our services are in **all 99 counties**.

The Network became operational in 1993.

SERVICES

- *Internet*
- *Ethernet*
- *Security*
 - *DDoS Mitigation*
 - *Firewall*
- *Cloud Connect*
 - *AWS / Google / Azure*
- *Voice*
- *SIP Transport*
- *Colocation*
- *Structured Cabling*
- *Professional Services*

Network Peering

ICN peers with national, regional, and major in-state providers (Lumen, Mediacom, Windstream, Aureon, etc.)

NETWORK MAP

LEASED CONNECTIONS & CUSTOMER ENDPOINTS

EDUCATION | HEALTHCARE | PUBLIC SAFETY | GOVERNMENT

