Critical Infrastructure
Key ICN Facts

Iowa Communications Network

More Than a Network: Iowa's Lifeline of Safety and Connection

Iowa Communications Network (ICN) is the critical infrastructure backbone for the State of Iowa. We deliver essential services that connect our communities, ensuring safety, and providing access to vital resources.

Every 911 call made in Iowa is transported across the statewide Network.

Iowa's hospitals and clinics are connected together. They share resources, while keeping traffic inside the State.

Providing connections to courthouses, driver's license stations, and workforce development sites.

The Value of the ICN

Reinvests Back to the Private Sector

📊 ICN reinvested $21.8 million in FY 2026, directing $8 million to private telecoms and the remainder to the private sector.

$143 Million in Savings

✏️ Over the years, ICN has saved Iowa's schools, libraries, hospitals, clinics and healthcare providers in telecom services.

Emergency Support: Communications

🚨 Iowa Homeland Security and Emergency Management and FEMA designated ICN as Iowa's lead agency for Emergency Support Function 2 (ESF-2), Communications.

This places the ICN in charge of all communications-related responsibilities during emergencies.

Essential Connections

Enhancing connectivity for elevators, fire alarms, and connected security systems.

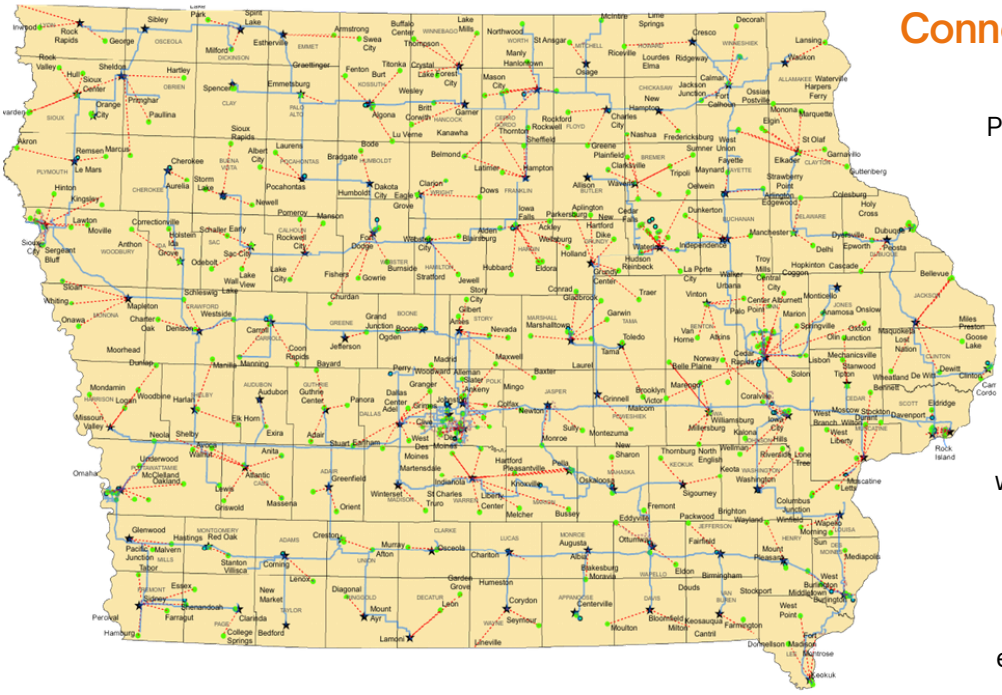
ICN has deployed FirstNet LTE backup 911 connections to Public Safety Answering Points (PSAPs) across Iowa.

Each day, public safety officers communicate across the Land Mobile Radio system. That radio traffic travels on the ICN.

Statewide Network Map

Leased Connections and Customer Endpoints

State-Owned Network | Leased Connections | Core (Part I) & Aggregation (Part II) | Endpoints (Education, Healthcare, Public Safety, Government)



Connecting Rural Locations

540+
Public Safety locations to deliver 911 network transport.

235+
Hospital and clinic locations to share files and records.

550+
Government locations: serving courthouses, workforce development offices, DOT stations, and more.

490+
K-12 schools, AEAs, higher education, and library locations.

Advantages of the ICN

Connecting all of Iowa's 99 Counties

ICN connects all 99 counties with its 3,400 miles of owned fiber and leased connections.

Closed User Group

Dedicated support for public safety, healthcare, government and education sectors. All support calls are handled by local Iowan technicians.

Network Core Uptime at 100%

ICN's core network has maintained 100% stable and reliable uptime since FY 2022.

Cybersecurity Protection

Over 97,840 DDoS attacks on the State network were successfully blocked in FY 2026, thanks to ICN's cybersecurity protection.

Agency Overview

- 68 full-time staff.
- Customers choose the ICN because of the value in services, not because it's required.
  - Fees for services make up the majority of revenue received.

Services

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

Find Out More

SCAN ME

Visit our website:
icn.iowa.gov/about/critical-infrastructure