Iowans Serving Iowa for 30 Years

Network Timeline

IOWA™
Iowa Communications Network

1993

ICN Network became operational.

1998

ICN began operating and maintaining the State Firewall for the Executive Branch.

1999

Changed the Network from star-on-star topology to ring topology.

2001

ICN received common carrier status and began participation in the Universal Service Fund (USF) program for education and healthcare users.

2007

The Iowa Rural Health Telecommunications Program (IRHTP) and ICN began the preparation and implementation of a secure, statewide, highspeed Healthcare Network.

2009

Finalized the move from ATM to Multi-Protocol Label Switching by deploying core 10Gbps switches and a core router network.

2013

Completed Network upgrade to a 10GB backbone. Expedited migration for transport to move from ATM to MPLS.

2017

Added additional security services.
DDoS Mitigation, Consultations.

2019

2nd core hub facility established in eastern Iowa. Enhances network redundancy & security. Provides disaster recovery capability.

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VoIP migration with private sector partner.

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Completed power upgrade for 21 Core sites. Upgraded batteries, rectifiers, generators, HVAC.

2020

Built Carrier-Grade Lab for Testing Operations.

2021

Completed a healthcare network upgrade for IRHTP to replace legacy equipment.

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Began partnership with ISU and others on a pilot project involving wireless technology.

2022

100GB backbone upgrade completed. Integrates an IP/Ethernet infrastructure. Backbone is scalable up to 200GB.

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Added direct connections for Cloud services.

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Completed phase 1 of State Firewall decentralization.

2023

Design/installation of 911 FirstNet failover solution. Partnership with HSEMD. 70+ PSAPs completed.

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Implementing phase 2 of State Firewall decentralization project.

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Started a 10GB aggregation network upgrade, providing greater security and resiliency.

January 2024