

Toward Gigabit Libraries: A Toolkit to Improve Your Broadband

2024 ILOC Conference

Presented By:

Jessica Schlesselman, ICN Account Consultant

Stephanie Stenberg, Director, Internet2 Community Anchor Program (CAP)





Jessica Schlesselman

ICN Account Consultant

jessica.schlesselman@iowa.gov



Stephanie Stenberg

Director, Internet2
Community Anchor Program (CAP)

sstenberg@internet2.edu

What We'll Cover Today



- Quick About the ICN & Services Important to Libraries
- What is Internet2, the Community Anchor Program, and why it's important to Iowa libraries
- Free CAP resources for Iowa libraries

About the ICN

Public Safety

Our fiber Network is used to provide transport connections to all of the E911 facilities (Public Safety Answering Points (PSAPs)) throughout the State.

540+
Locations Served

Government

Federal & State government agencies use the ICN to connect their offices, facilities, & services. The ICN shares resources with the City of Des Moines.

550+
Locations Served

Education

K-12 schools, community colleges, and universities use the ICN to provide students and staff with access to high-speed Internet and other digital resources.

425+
Locations Served

Healthcare

Our Network is used by hospitals and other healthcare providers to connect their facilities and support telehealth and other healthcare applications.

240+
Locations Served

ICN Security Services

Cybersecurity is one of the fastest growing industry areas.

Managed Firewall
Palo Alto

Managed Firewall
Fortinet

DDoS Mitigation

Consultations

DURING THE LAST 12 MONTHS

40,570

DETECTED DDOS ATTACKS ON THE STATE'S NETWORK SUCCESSFULLY MITIGATED

Previous 12 Months = 11,080

11 HRS, 59 MINS

LONGEST DDOS ATTACK

1.74TB
TERABYTE

LARGEST DDOS ATTACK

Services Important to Libraries

Internet

Scalability

Scale services from 5 Mbps up to 100 Gbps.

Service Level Agreements

Aggressive repair timeframes to ensure services are back up & running.

Security & Network Availability

Advanced technical monitoring to respond to outages, cyber threats & intrusions.

Redundancy

Network traffic can be rerouted in the event of an outage or scheduled maintenance.

Voice

Standard



With a more robust set of features, this seat is a 12 line media phone with an easy color LCD display.

Polycom Phone	●
HD Voice	●
Number of SIP Lines	12
Call Waiting & Caller Line ID	●
Local Calling	●
Shared Call Appearance	Limit 10
Conference Calling	Up to 15 Parties
Voice Mail	●
Unified Messaging	●
Personal Mobility (Remote Office)	
Webex Business	●
Receptionist Attendant	



Iowa Communications Network

INTERNET2
community
anchor PROGRAM



Stephanie Stenberg, Director, Internet2 Community Anchor Program (CAP)



Questions?



Thank You!

ICN.IOWA.GOV

Scan the QR Code
to find more about
the ICN.



www.icn.iowa.gov