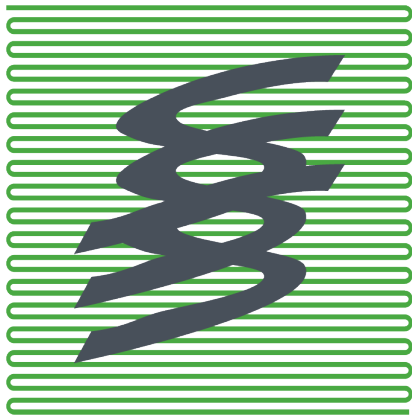**STRONG INFRASTRUCTURE**

FLEXIBLE PROCESS

FAST DELIVERY

Internet

POWERED BY **ICN**

ICN's premier High Speed Internet Service offers speed scalability with a dynamic network system that delivers a strong and resilient connection for our customers. Our Internet service has been designed so customers experience limited latency with access to cybersecurity capable of mitigating outages and malicious attacks.

HIGH SPEED INTERNET WITH THE ABILITY TO SCALE FROM 5 Mbps TO OVER 10 Gbps.

Diverse Geographical Access
ICN has strategic locations around the U.S. for diverse network ingress points to provide a strong layer of redundancy.

Strong Partnerships with Internet Service Providers
ICN has Internet traffic agreements with major Internet providers including University of Iowa & Iowa State University.

Content Peering Relationships
ICN has peering relationships with the top 150 cloud content and large network providers. With content stored locally on the ICN, customers will experience limited latency and faster connectivity.

Redundancy
ICN's infrastructure includes fully meshed network redundancy between Part I and Part II sites. Network traffic can be rerouted in the event of an outage.

Security & Network Availability
The ICN support team will mitigate and reroute traffic prior to it landing on the ICN infrastructure.

Dedicated Symmetrical Ethernet Connectivity
Users on the ICN have symmetrical connectivity which allows for faster uploads and downloads from the Internet.

ICN

STRONG, FLEXIBLE & FAST

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400 East 14th Street | Des Moines, IA 50319

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(800) 572-3940 / icn.css@iowa.gov

2018

BENEFIT COMPARISON

Selecting a strong, flexible, and fast Internet Service Provider (ISP) is important. Use this checklist to compare features as you select a broadband provider.

Benefit	ICN	Other Provider
Scalability / ICN can scale services from 5 Mbps up to 10 Gbps.	●	
Redundancy / Fully meshed network redundancy including carrier & route diversity.	●	
Content Peering Agreements / Relationships with the top 150 cloud content & large network providers.	●	
Symmetrical Ethernet Connectivity / Data speeds are the same when uploading & downloading.	●	
Internet Exchanges / ICN peers with public and private Internet Exchanges, reducing customers' hop counts & latency.	●	
Ethernet Ports / Corresponds with Internet bandwidth purchased, and is included in ICN's Internet cost.	●	
Service Level Agreements (SLAs) / Aggressive repair timeframes to ensure services are back up & running.	●	
Security & Network Availability / Advanced technical monitoring to respond to outages, cyber threats & intrusions.	●	
Support / Iowa based Network Operations Center (NOC) provides core support 24/7/365.	●	