



A Broadband Awareness Initiative from the [Iowa Communications Network](#)



## CYBER TRAINING

### Free Cybersecurity Training Courses to Close Industry's Skills Gap

Fortinet is addressing the need to further build security expertise by making the self-paced courses available for free to all.

Source: Fortinet

ICN is looking for a Telecommunications Specialist Senior to serve as a firewall administrator for the ICN internal and customer networks.

To learn more and apply, visit: <http://ow.ly/lspX50DD2qn>

## Cybersecurity

### [10 Dos and Don'ts for Government Cybersecurity Leaders](#)

The new decade offers more challenges for cybersecurity leaders than ever. Keep these best practices in mind for effective security management.

Source: Government Technology

### [DDoS explained: How distributed denial of service attacks are evolving](#)

CSO Denial-of-service attacks have been part of the criminal toolbox for twenty years, and they're only growing more prevalent and stronger.

Source: CSO

## Healthcare

### [Telehealth and Telemedicine Tech Changes in the COVID-19 Era](#)

What are the key things to know about telehealth and telemedicine?

Source: Residential Tech Today

### [Why Telemedicine Is Much More Than A Digital Doctor's Office](#)

"Telemedicine is not a second-rate substitute for the traditional office visit. It is a way to dramatically improve medical care."

Source: Forbes

### [Telehealth services on the rise](#)

Telehealth can be a lifesaver for patients with chronic diseases who aren't in need of emergency treatment, but need regular medical advice on lifestyle regime, or medicine dosage.

Source: Green Valley News

## Education

### [Petition Calls for E-Rate Funds for K-12 Cybersecurity Needs](#)

Asking the FCC for help funding cybersecurity in public schools, as virtual learning continues and K-12 education is the most-targeted public sector for ransomware attacks.

Source: Government Technology

### [DMACC cybersecurity student studies on deepwater drilling ship](#)

While some of Roth's classes are being taught by professors at the DMACC Ankeny and West Des Moines campuses, all of his instruction is online.

Source: The Perry News

### [Siouxland Robotics Club helps students learn engineering and science](#)

The activities expose kids to S.T.E.M. and it can help kids decide if they want to pursue those fields in their future careers.

Source: KCAU-TV

## Digital Divide

### [How a Telecommunications Company Helped Keep Local Students Connected for Remote Learning](#)

Working with local school districts, Polar Communications delivered broadband to North Dakota students in need during the COVID-19 pandemic

Source: Education SuperHighway

### [It Will Cost Billions to Close Education's Digital Divide](#)

A report issued last month discusses the big picture of digital inequity in education, as well as potential solutions.

Source: Government Technology

### [Gov. Reynolds' plan for 'largest broadband buildout in the country' sees support during Burlington visit](#)

High-speed broadband access is critical in attracting and retaining populations in smaller towns.

Source: The Hawk Eye

### [Global Test Finds Digital Divide Reflected in Math, Science Scores](#)

Data from the 2019 Trends in International Math and Science Study show teachers and students lack digital access and support.

Source: Education Week

## Government

### [Election cybersecurity isn't a 'one and done' issue for Cerro Gordo and Floyd County](#)

A number of state offices are working to bolster confidence in election integrity. In Iowa, that includes grant funding for election cybersecurity.

Source: Globe Gazette

### [How Did State Technology Weather the Pandemic?](#)

The 2020 Digital States Survey highlights how states used technology to face the challenges of COVID-19 head-on while maintaining momentum with the basics of what takes to serve citizens.

Source: Government Technology

## Public Safety

### [FirstNet Expands Services for Public Safety Agencies](#)

New capabilities will enhance location services and network coverage for first responders.

Source: State Tech

### [All Nebraskans should be able to send texts, photos to 911 by end of 2022](#)

The NG911 system will provide faster, more reliable service. The goal is to locate the caller more

accurately & route those callers to the correct 911 center more often.

Source: Omaha World Herald

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The Iowa Communications Network is a state-of-the-art fiber optic network providing high-speed Internet, data, voice, security, and consulting services to Iowa's healthcare, education, government, and public safety sectors.