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

All 99 Iowa counties to receive $10,000 in grants to enhance election cybersecurity

Secretary of State Paul Pate is announcing a plan that would help every county in Iowa with election cybersecurity enhancements.

Source: KWWL

Government

[Scott Pappan named ICN's Chief Technology Officer](#)
We asked Pappan, ICN's new Chief Technology Officer, to answer a few questions about his new role and ICN's current and future initiatives.
Source: ICN News

[FCC to Improve Broadband Data Amid Calls for Ed Tech Funding](#)
Ed tech policy advocates have asked the FCC to address several key issues related to the digital divide in education, including how it's being measured.
Source: Government Technology

[Noteworthy Practices: Iowa Department of Transportation](#)
The web-based Pikalert system assesses current weather and road conditions. The system has the capability to include data from the snowplow fleet.
Source: ISU Institute for Transportation

[The Road to the Future Runs Through Iowa](#)
University of Iowa researchers at the National Advanced Driving Simulator pave the way for the automated vehicles of tomorrow. But how soon before self-driving cars get here?
Source: University of Iowa Advancement

Cybersecurity

[Petition for Expanded Use of E-Rate Funds for K-12 Cybersecurity Needs](#)
"E-rate offers the most practical, efficient and cost-effective infrastructure to mount a strong defense against prolific cybersecurity attacks in K12 education.
Source: American Consortium for Equity in Education

[Cybersecurity Policy and Protecting Iowa](#)
Senator Zach Nunn joined the podcast to discuss the importance of cybersecurity measures for Iowa companies, private and public, and Iowa municipalities.
Source: Technology Association of Iowa

[Top cybersecurity facts, figures and statistics](#)

From malware trends to budget shifts, here are the latest figures that quantify the state of the industry.
Source: CSO

Digital Divide

[Emergency Broadband Benefit](#)

Congress has tasked the FCC with developing a new $3.2 billion program to help U.S. households that are struggling to pay for internet service during the pandemic. With this new benefit, eligible households can get or stay connected in order to work remotely or find jobs, access critical healthcare services, and keep students connected to the classroom.
Source: Federal Communication Commission

[Nextlink Internet Expansion in Rural Areas of 11 States including Iowa](#)

The expansion is a combination of both wireless and fiber technologies delivering download speeds ranging from 100 Mbps to a full gigabit.
Source: Light Reading

[Millions of Americans can't get broadband because of a faulty FCC map. There's a fix](#)

A fundamental flaw in closing the digital divide is not knowing where the problems actually are. We're finally about to see changes.
Source: CNET

Education

[Internet2: 25 Years of Technology and Community](#)

Internet2's priority today and always, is enabling research and education communities to advance.
Source: Campus Technology

[Osage students play in virtual sandbox](#)

Media Specialist Kelley Molitor and Osage technology director, Thomas Meier, help students navigate the maze of this advancement, to build upon a civilization already 67 years into the space age.
Source: Globe Gazette

[Digital Learning Resources](#)

Digital Learning Day was February 25. Check out the incredible digital learning lessons, activities, resources, and events happening in classrooms across the country.
Source: Official Digital Learning Day

Healthcare

[Remote Patient Monitoring and Telehealth to Deliver Enhanced Care to Recovering COVID+ Patients](#)

Discharged patients can remotely self-monitor their critical vitals, with data flowing in real-time to a clinical dashboard.
Source: WFMZ-TV

[Telehealth: Defining 21st Century Care](#)

Using telehealth services, patients can receive care, consult with a provider, get information about a condition or treatment, arrange for prescriptions, and receive a diagnosis.
Source: American Telemedicine Association

[USDA Invests $42 Million in Distance Learning and Telemedicine Infrastructure to Improve Education and Health Outcomes](#)

"These investments will help millions of people living in rural places access health care and

education opportunities."
Source: USDA

Public Safety

Alachua County Fire and Rescue uses FirstNet in everyday operations
FirstNet connects their mobile data computers to gather information while in route to calls. They use FirstNet-enabled smartphones to get priority service in an emergency. The EMS team also uses FirstNet to send health data directly from the ambulance to the hospital.
Source: FirstNet

AT&T says FirstNet Band 14 buildout more than 90% done, adoption tops 2M connections
Now tens of thousands of towns and cities have access to FirstNet, America's public safety network built to their strict specifications and requirements.
Source: Urgent Communications

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.