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

Pate: Iowa offers a model for election security

Election cybersecurity is a race without a finish line. There are new and constantly evolving threats out there every day from foreign governments, and from bad actors across the globe. We must remain vigilant in protecting our elections. I want you to know that here in Iowa, that is our number one priority.

WVU research team to explore benefits, uses of telehealth

A West Virginia University researcher is piloting an intervention program that uses telehealth — the use of technology to provide remote health care — to connect rural West Virginians with nurses who can help them manage, and even prevent, deadly conditions like heart disease, chronic lower respiratory disease and stroke.

Legislation to Close Urban-Rural Divide Reintroduced

The AIRWAVES Act also aims to motivate industry and federal agencies to find ways to be more spectrum efficient and avoid a spectrum crunch, and lay the groundwork for 5G. The measure requires 10 percent of all of the proceeds from spectrum auctions to go directly to wireless broadband infrastructure buildout in unserved and underserved rural communities.

How States Support Broadband Projects

As high-speed, reliable internet access becomes increasingly important in modern life, state leaders are seeking ways to fund projects to expand this vital service. This brief explores the ways in which states support broadband deployment projects and what they aim to accomplish.

Universities are expanding cybersecurity education to meet broad demand

The cybersecurity needs of organizations are becoming more interdisciplinary and, according to experts, so are the educational programs that prepare students for careers in the emerging field.

Cybersecurity Skills a Top Training Goal

Cybersecurity training is evolving to better meet the real-world needs of today's threat landscape.

Middle School Girls from Albany Learn Software Coding

The girls were participating in a capital region all girls summer coding camp where they worked on group projects and learned how to code web sites for social good and to help tackle everyday

problems.

Georgia buys new voting machines with paper trails

Georgia Secretary of State announced that his office is awarding a $107 million contract to election-technology vendor Dominion Voting Systems to replace the state's voting machines ahead of the 2020 presidential election with new equipment that produces paper records of ballots.

Weeding out illegitimate work-at-home opportunities

You've been looking for a work-from-home job forever — and you finally found it (or at least you think you did). It offers great pay and perfect hours, a fit made in heaven… right? However, before you rush to give out your personal information, make sure you don't see any of these red flags.

FirstNet build-out ahead of schedule

The build-out of FirstNet, the nationwide wireless public-safety network, is expected to be nearly three-quarters finished by year's end, according to AT&T, which was awarded the $6 billion, 25-year contract in 2017

NASA Looks to an mHealth Wearable to Help Astronauts Sleep Better

NASA is working with researchers in Wisconsin and Pennsylvania to test an mHealth wearable that detects when a user is in deep sleep and emits a pulse to keep that level of sleep going.

Senate Commerce OK's Broadband DATA Act

The Senate Commerce Committee has unanimously passed the Broadband Deployment Accuracy and Technological Availability (DATA) Act, a bill that would try to improve the data the government uses to establish where broadband is and isn't via broadband availability maps.

Data Breach Of More Than One Million Records? That Will Cost You $42 million

Organizations that suffer a data breach of more than one million records will be subject to a projected $42 million in losses, according to a new study by IBM Security and the Ponemon Institute. Those in the rare situation of breaching more than 50 million records will make a loss of around $388 million.

Montana Ag Network: Rural broadband important to state agriculture industry

Reliable and strong broadband internet is no longer a luxury In today's agriculture industry but a necessity for farmers and ranchers and the quality of life for all rural Americans.

Nonprofits join to help state and local governments stop cybercrime

A pair of nonprofit organizations that assist state and local governments with security announced a new partnership aimed at bridging the gap between government cybersecurity operations and law-enforcement efforts to combat cybercrime.

FirstNet: A game changer for public safety and law enforcement

FirstNet allows federal, state, local and tribal first responders to reliably access and use communications capabilities to more efficiently and effectively achieve their missions.

BROADBAND STRONG: Delivering **FLEXIBLE** broadband and **FAST** experiences to meet the growing broadband needs of education, government, public safety, and healthcare in Iowa.

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