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Recommended Broadband News from Around the Web

ICN

STRONG   FLEXIBLE   FAST

A Broadband Initiative from the Iowa Communications Network

New diabetes implant reduces finger pricks for patients

MercyOne hospital is paving the way so Diabetes patients experience fewer needle pricks. The procedure would consist of an implant under a patient's skin. The implant contains a sensor that would transmit data to a receiver, which would be read on the patient's smart phone.

HEALTHCARE

Ransomware: A Persistent Scourge Requiring Corporate Action Now

ASCO is the latest headline-making organization to be hit by ransomware, prompting many companies to consider what to do to minimize their risk.

FCC task force will help connect farms and ranches

The Precision Ag Connectivity Task Force will work with the US Department of Agriculture and public and private sector stakeholders. It will be responsible for developing policy recommendations for rural, agriculture-focussed broadband.

Digital divide persists even as lower-income Americans make gains in tech adoption

Roughly three-in-ten adults with household incomes below $30,000 a year (29%) don't own a smartphone. More than four-in-ten don't have home broadband services (44%) or a traditional computer (46%). And a majority of lower-income Americans are not tablet owners.

'Homework gap' shows millions of students lack home internet

In classrooms, access to laptops and the internet is nearly universal. But at home, the cost of internet service and availability gaps create obstacles in urban areas and rural communities alike.

Rural Telecommunications Congress Launches Webcast Series Focusing on Rural Broadband Innovation

Montrose is a great example of a community that deliberately sought out better broadband, and used the leadership of local government – and the surrounding community – to bring gigabit-level networks to the community.

Bipartisan senators want Big Tech to put a price on your data

Senators Mark Warner (D-Va.) and Josh Hawley (R-Mo.) will introduce legislation to require Facebook, Google, Amazon and other major platforms to disclose the value of their users' data, as

first reported Sunday evening on "Axios on HBO."

Unleashing Broadband on Rural America Leads to Nearly $65 Billion in Economic Benefits Annually

According to USDA's "A Case for Rural Broadband," if access to broadband and adoption of digital agricultural technologies matched producer demand, U.S. agriculture would realize benefits amounting to nearly 18% of total U.S. market production, or $64.5 billion annually, based on 2017 levels.

FCC Chairman Ajit Pai Aims to Further Deploy 2.5 GHz Band of Spectrum for 5G Wireless Networks

Chairman Ajit Pai said in a statement that the order would "modernize an outdated regulatory regime" and "give incumbent users more flexibility" by eliminating certain eligibility requirements and other regulations. The proposal also repeals the educational use requirement.

5G phones and your health: What you need to know

The rollout of 5G using super high-frequency radio airwaves has ignited old fears about cellphone radiation risks.

The FBI Warns Against Phishing and Advises How to Spot Attacks

The presence of "https" and the lock icon are supposed to indicate the web traffic is encrypted and that visitors can share data safely. Unfortunately, cyber criminals are banking on the public's trust of "https" and the lock icon.

Public-private partnerships can build IT workforce pipelines, say education leaders

To address the technology workforce shortage, stakeholders in business, government and education must work together to train students for a wide range of emerging careers, education leaders said at an event in Washington D.C.

AT&T Invests Nearly $100 Million Over 3-Year Period to Boost Local Networks in Iowa

AT&T investments boost reliability, coverage, speed and overall performance for residents and businesses. They also improved critical services that support Public Safety and first responders using the FirstNet communications platform.

911 call centers get a map to look up other call centers

The National Emergency Number Association has announced it rebuilt its version of that database, using a modern mapping platform that will make it easier to look up call-center data and integrate the contact information with other tools.

As email fades in popularity, Arizona State turns to its mobile app

Part of fostering student engagement means making information easily accessible for the entire campus community, a technology official from Arizona State University told a conference audience.

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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