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



EDUCATION TECHNOLOGY

Governor Reynolds announces study results, demand for educational technology in Iowa

Iowa Governor Kim Reynolds says she wants to see a new group of businesses grow in the state over the next few years. Gov. Reynolds announced the findings of a study that show potential growth for educational technology in the state of Iowa.

CenturyLink to Help Upgrade California's 911 Calling System

CenturyLink will work to help California modernize the state's 911 emergency call system under a new agreement with the governor's Office of Emergency Service. The company will provide a Next Generation 911 platform linked to the CenturyLink Tier 1 multi-protocol label switching network that facilitates connectivity across public safety applications, intelligence, management and associated services.

Fact or Fallacy: Stay Up to Date on the Best Practices for Password Security

Experts no longer recommend automatic password changes that may lead to poor security habits.

Fighting Cyber Crime is Critical for National Security, Says Secret Service Chief

While election interference, espionage and power grid threats get all the attention, nation-states also lean on cyber criminals to conduct operations on their behalf, according to Director James Murray.

3500 Days of The National Broadband Plan

With just 165 days left before the National Broadband Plan was to meet the plan's original stated objectives, the author explores some of the key components and objectives of the plan developed across 36 public workshops, 31 public notices, 9 public hearings, and approximately 23,000 comments from more than 700 parties.

Brigham and Women's to Use Telehealth Platform in Dementia Study

The Boston hospital is partnering with Fruit Street Health to use the latter's telehealth platform to help those at risk of developing dementia develop healthy lifestyle habits.

Human Body May Provide a Better Model for Cybersecurity Defenses

This cybersecurity model would respond to security threats in computers and smartphones just as the nervous system responds to health threats within the human body. Think of the biological response that instinctively pulls your hand away from a hot stove or protects your immune system from a virus, but in this case, it's a dangerous security threat.

Cybersecurity and Democracy Collide: Locking Down Elections

The virtual guarantee of foreign meddling in the 2020 election poses a challenge to state and local officials, IT staff included, to protect American democracy. Experts say the keys to success will be cybersecurity, paper trails, risk-limiting audits and inter-agency communication.

Student tracking, secret scores: How college admissions offices rank prospects before they apply

Before many schools even look at an application, they comb through prospective students' personal data, such as web-browsing habits and financial history.

Facebook, Reddit, and others need a deepfakes plan now, senators say

With only 13 months left to go in the seemingly interminable 2020 US election season, senators are calling on Facebook, Snapchat, Reddit, and other social networks to do something sooner, rather than later, about the potential proliferation of misleading "deepfake" videos.

NSF pushes for 'large-scale' AI research with new program

The National Science Foundation is taking the lead on large-scale, long-term federal artificial intelligence projects with plans to invest \$200 million over the next six years.

We need a cyber arms control treaty to keep hospitals and power grids safe from hackers

At the United Nations General Assembly meeting in New York last week, there was plenty of discussion of nuclear arms control. But there wasn't enough talk of another kind of worrying threat: cyber weapons.

Air Force bases embrace 5G to keep up with their planes

The Air Force has enabled fifth-generation wireless technology at 10 bases with plans for 16 or 17 more next fiscal year, in part, to keep pace with increasingly intelligent planes.

Cheap internet for low-income users spreads in Denver, but there's more to the urban digital divide

A plethora of reasons exist as to why the digital divide persists in urban areas and the issue is gaining more attention from researchers, organizations and policymakers who debate whether it's about accessibility, affordability or lack of understanding.

Nextlink blazes fixed wireless trail in rural areas

A small wireless internet service provider (WISP) that you may not have heard of is expanding, having just acquired another internet service provider in Nebraska, and its sights are set on even further expansion in the heartland.

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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