



"99 Counties for Coding" fundraiser aims to bring computer science to all students

The state of Iowa averages over 4,000 open computing jobs. Yet only around 360 graduates got computer science degrees in 2015. NewBoCo has been working to bridge that gap for the last 3 years. Now they're asking for help from all 99 Iowa counties to continue this work.

Multi-million dollar federal grant awarded to upgrade Iowa 911 call centers

Federal agencies have awarded grants to the state of Iowa for the goal of upgrading 911 facilities, the agencies announced. The new system boasts the ability to ingest text, picture, or video messages, advanced mapping for call location, and other new technology. These capabilities could allow for faster response times.

Broadband Access Vital for Rural America and the Economy

Now that broadband finally has come to our country home, my family can enjoy the benefits of rural living along with the connectivity that keeps us in touch with the whole world. We're better farmers, too, because high-speed internet improves our ability to raise our dairy cows—and as we continue to take advantage of the communications revolution, we're going to keep on perfecting our operations.

FirstNet Authority set to unveil investment roadmap within weeks, officials say

By the end of this month, the FirstNet Authority hopes to release the initial roadmap outlining organizational priorities for investing potentially more than \$15 billion into the FirstNet nationwide public-safety broadband system being built by AT&T, FirstNet Authority officials said.

University in Michigan Launches Program on Self-Driving Tech

Wayne State University's Center for Advance Mobility will enroll engineering graduate students this fall in classes on autonomous driving technology, connectivity, smart infrastructure and electrification.

The importance of cybersecurity education

Dave Hatter, a cybersecurity consultant for over 25 years and a technology educator at Cincinnati State, discusses his security journey, the future of cybersecurity education and the roles of certification in pursuing high level cybersecurity careers.

Are States Taking Cybersecurity Seriously Enough?

A spike in cyberattacks in recent months has left state and local governments reeling. Baltimore faces more than \$18 million in losses following a May ransomware attack. Several Florida cities were hit in June. And Los Angeles police data was hacked in late July.

Michigan receives nearly \$4 million to modernize 911 services

More than \$100 million in grants from the U.S. Department of Commerce and the U.S. Department of Transportation to upgrade 911 call centers the nation.

'How do we call an ambulance? We don't.' Indiana County official pleads for help with broadband dead zones

A heavily wooded park was the perfect setting for a state Senate committee to hear from folks with problems getting online in the digital age: the 650-acre Blue Spruce Park, which has 125,000 visitors annually, is a broadband dead zone, where neither internet nor cellphone connections are possible.

Penn State's solution for addressing sexual assault nurse examiner shortage: Telehealth

Nurses that are trained to provide expert care to sexual assault victims are a highly valuable resource—they have specialized training in forensic examination and understand best practices in evidence collection. There are too few of these nurses nationally and many communities have no access to such expertise.

Inside North Carolina's Push to Close Rural Broadband Gaps

After success expanding broadband access to rural areas of the state with a \$10 million grant program, the Broadband Infrastructure Office wants to broaden its efforts but must wait for a budget to be approved first.

The Internet of Things for Education: A Brief Guide

The internet of things (IoT) is transforming various industries and the education sector is no exception.

Partnership aims to accelerate mHealth in clinical trials

Pharmaceutical companies could reduce the cost of drug development thanks to a new partnership that aims to scale the next generation of digital clinical trials.

8 Million Low Income Households Connected In 8 Years—Policy Takeaways From Comcast's Internet Essentials

The key scholar on the Diffusion of Innovations, Everett Rogers, described how technological adoption is primarily a social, not economic, process. His research focused on how farmers adopted agricultural innovation and the role of trusted peers to introduce new tools and methods.

FTC Announces New Public Web Page with Interactive Do Not Call and Robocall Data

As part of its continued efforts to help make the Do Not Call (DNC) data it collects more transparent and easier for consumers to use, the Federal Trade Commission today announced the debut of a new interactive public web page containing a wealth of information about the National DNC Registry and unwanted telemarketing robocalls.



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