



## House Small Business Committee Has Big Interest in Rural Broadband

### Strong broadband for rural Iowa.

The issue of improving broadband deployment in rural America is being discussed on Capitol Hill, at the FCC and even in Iowa, where the President talked up rural broadband as well and promised it would be funded in his trillion-dollar infrastructure package.

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## Arkansas Lawmakers Work to Bring Broadband Access to Rural Areas

### Working to make rural broadband sustainable.

Whether you're a teen applying for college online or making a doctor's visit through TeleMedicine, you need reliable high-speed internet service. And what seems like a basic necessity for some communities is now a barrier for poor and rural areas that lack access.

## For DHS cybersecurity funding, Congress asks why states are bypassing millions

### Proposed reauthorization bill could create new funding opportunities.

A House bill now under evaluation would examine why states that identify cyberattacks as a "top-tier risk" are using only a small portion of Department of Homeland Security funds to fight back. If the new legislation passes, it would represent the first-ever authorization bill in the 14 year history of DHS and open new potential funding opportunities for state and local government.

## How Silicon Valley Pushed Coding Into American Classrooms

### Computer science has become essential for students.

At a White House gathering of tech titans last week, Timothy D. Cook, the chief executive of Apple, delivered a blunt message to President Trump on how public schools could better serve the nation's needs. To help solve a "huge deficit in the skills that we need today," Mr. Cook said, the government should do its part to make sure students learn computer programming.

## Rural broadband progress slow, data outdated, says technology subcommittee

### Demand to close the rural-urban divide.

Industry representatives and lawmakers at a recent congressional hearing searched for answers for many of the nation's broadband policy woes, with some frustrated by a lack of tangible progress.

## Smart and connected: How Chattanooga's fiber network connects more than just people

## **Strong integrated apps, business systems.**

Brent Messer, chief information officer for the municipal fiber capital of the U.S., says Chattanooga's smart city projects — from a real-time law enforcement analysis center to the city's innovation district — are all slowly headed toward integration.

## **What Is Smart Rural Community?**

### **For one, using broadband to enable their communities to grow.**

Smart Rural Community comprises programming relating to and promoting rural broadband networks and their broadband-enabled applications that communities can leverage to foster innovative economic development, education, health care, government services, public safety and other vital public functions.

## **What it will take for cybersecurity to become common sense**

### **Changing your password needs to become a habit.**

Changing your password needs to become like washing your hands after using the bathroom -- a habit. We're a long way off from that.

## **The scarily common screw-up that exposed 198 million voter records**

### **Server misconfiguration constitutes one of the biggest cybersecurity risks for institutions and individuals alike.**

A number of voter-data exposures have cropped up this year, in locations as disparate as Mexico, the Philippines, and the state of Georgia. But the one that dwarfs them all came to light on Monday: a publicly accessible database containing personal information for 198 million US voters—possibly every American voter going back more than 10 years.

## **'Digital Divide' a Threat to Education and Economy, Local Tech Leaders Say**

### **Need for strong access to affordable, reliable high-speed internet.**

A task force in Lakeland, Fla., is focused on the educational, cultural and economic gap between communities that have access to affordable, reliable high-speed internet and those that don't.

## **States Explore Their Options as FirstNet Plans Emerge**

### **FirstNet will give emergency personnel communication priority.**

State plans for the First Responder Network Authority (FirstNet), a communications network for first responders and public safety officials built in conjunction with AT&T, are now in the hands of governors across the country.

## **Google to remove medical records data from search results to combat leaks**

### **Strong protection for hospitals, patients.**

Private medical data will be removed, taking away a tool cybercriminals could use to extort hospitals, patients.

## **Ransomware attacks are rarely being reported to the FBI, new data shows**

### **FBI only “received 2,673 complaints identified as ransomware.”**

An absurdly small number of companies affected by ransomware reported the incidents to the federal government last year, newly released FBI data shows. While more than a third of all ransomware infections occurred in the U.S. last year, the FBI's Internet Crime Complaint Center (IC3) only “received 2,673 complaints identified as ransomware” in 2016 amounting to “losses of over \$2.4 million,” according to a new report.

## **Rural America Is Stranded in the Dial-Up Age**

### **Rural broadband lags behind in both speed and available connections.**

High costs and lack of access to broadband service prevent residents of far-flung communities from joining the modern economy.

## **OTT Skinny Bundles in 3.1M Homes: comScore**

### **Viewers stream 5.3 hours of content per day over flexible broadband.**

More than 3.1 million homes had over-the-top skinny bundles as of April, according to new data from comScore. Skinny bundle customers were highly engaged with the services, watching for 5.3 hours on the average viewing day.

## **DoD Seeks to Stay Ahead of Cybersecurity Threats, Acting CIO Says**

### **Strong cyber habits are critical in keeping networks safe.**

Staying ahead of the cybersecurity threat requires the Defense Department to hire the best people, partner with industry and practice good cyber hygiene, the DoD acting chief information officer said today.

## **When the School Nurse Is on a Screen Instead of in an Office**

### **Telemedicine in underserved districts.**

Some schools are using telemedicine to provide health care to students in underserved districts. But few think it's a cure for their ailments.

## **Chesterfield among four latest hilltowns to receive state broadband grants**

### **Design, engineer, construct town-owned networks.**

Four more rural hilltowns planning to “go it alone” have received state money to help build their own fiber optic networks. Through the Last Mile Infrastructure Grant Program, municipalities are able to design, engineer, and construct town-owned networks to serve homes and businesses.

## **For cybersecurity talent, Maryland approaches U.K., allies**

A new international cybersecurity center called iCyberCenter will be operated under the Maryland Department of Commerce and housed at the University of Maryland Baltimore County's Research & Technology Park. The center will provide weeklong executive training sessions and a yearlong incubator program expected by the state to attract up to 15 companies annually and about 100 new permanent jobs within the next several years.

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