



FCC releases new National Broadband Map

The FCC released its new National Broadband Map. The map is created from Form 477 filings that broadband providers submit to the Commission. Users can enter an address and see which service providers offer what services at what upload and download speeds.

VR and AR Require 5G for Mass Adoption, But Who Will Provide It?

"The usefulness of AR and VR going forward is heavily dependent on three primary network components: high capacity, low latency and a uniform experience."

With high rankings in infrastructure, health care and education, U.S. News says Iowa is the No. 1 state in the country

Infrastructure: Iowa ranks No. 1 in infrastructure, up 15 spots from 2017, including a rating of No. 1 for ultra-fast internet access.

Ford is setting up for an autonomous ride-hail and delivery business in Miami

The company is testing its cars in a delivery service, mapping out the streets for a driverless ride-hail service and setting up a fleet-management center.

Will Augmented and Virtual Reality Replace Textbooks?

Students who are conceptual and visual learners can grasp concepts through AVR, which in turn allows textbooks to make sense.

This heated jacket uses AI, Alexa, and other buzzwords to keep you perfectly snug

Ministry of Supply's new Mercury jacket learns about your habits to figure out when to turn up the temperature. It's an internet-of-things-enabled, heated jacket that's controlled by an app, syncs with Alexa, and customizes its temperature using machine learning.

Annual science and technology event draws big crowd

This year, more than 1,800 people attended the fifth annual STEMfest, easily setting an attendance record for the event at Southeastern Community College. While the usual STEM-related businesses such as Alliant Energy and Great River

Health Systems returned this year, there were quite a few new booths, such as the Niabi Zoo.

Cyber ranges are bolstering the workforce in these six states

Cyber ranges are quickly becoming a mainstay in government's strategy for competing with the public sector for talent and filling a widening workforce gap. Cyber ranges let users do things they can't do on a regular university network.

Driverless cars can operate in California as early as April

Under regulations passed by the state's Department of Motor Vehicles, driverless cars being tested on public roads must have a remote operator monitoring the car, ready to take over as needed.

How Does the Internet Work?

Everyone's talking about the internet and whether, or how, it should be regulated. But not enough people know how the internet actually works—or what exactly the internet is.

This laser could charge your phone from across the room

Engineers have, for the first time, come up with a way to safely charge a smartphone wirelessly using a laser. A narrow, invisible beam from a laser emitter can deliver charge to a smartphone sitting across a room—and potentially charge the phone's battery as quickly as a standard USB cable.

Penn Medicine creates Center for Connected Care to streamline telemedicine services

The University of Pennsylvania's Penn Medicine will be centralizing its telemedicine activities into the Penn Medicine Center for Connected Care. The new center will include a telehealth homecare service for the chronically ill, a telemedicine service that links obstetricians to trauma surgeons caring for injured pregnant women, telehealth urgent care services, and the Penn E-lert eICU for the critically ill.

5G will be less sizzle, more substance at MWC

Hype is starting to give way to reality, but the wireless industry still needs to finish ironing out the kinks for the next-gen wireless technology.

4 tips that make browsing the web from your mobile device even easier

New apps from DuckDuckGo and Cake offer useful ways to search, navigate, and protect your privacy as you browse the mobile web on Android and iOS devices.

Internet of Things explained: Your complete guide to understanding IoT

IoT is short for Internet of Things. The concept/trend has been around for several years now, to the point where it has become ubiquitous. We don't think of ourselves as IoT users or that we own IoT gadgets. We just think of them as smart devices and enjoy how they help automate our lives or automate our homes. Nevertheless, IoT is a thing. And if you want to know more about it, keep reading.

These 3 cities will be the first to get real 5G

According to everything we've heard, 2018 will be the year that 5G stops being a distantly-whispered myth and starts becoming reality. The standards for 5G have been agreed by the telecoms industry, chip manufacturers have announced when their modems will become available, and the networks are bickering about whose ad campaign is working the best. In short, everything's going just as we expected.

TigerLily STEM: Increasing the number of women with STEM jobs

According to the U.S. Department of Commerce, Women in STEM: 2017 Update report, 24 percent of women hold jobs in STEM fields and 14 percent of engineers are women.

Rural Areas Feeling Left Behind in Race to Expand Broadband

Denny Law's telecommunications company connects phone lines through the plains of western South Dakota and he's all-in for ending the rural digital divide. He said President Donald Trump's promise to level the playing field with a "great, great broadband," made during a Jan. 8 speech in Nashville, Tennessee, has energized local providers like himself.