



Internet Access Key Issue in Iowa Council Race

The topic has become central in the race for Ames City Council.

The topic, often more at home in federal and state races, has become a central one in the race for an Ames City Council seat.

'First 5G mobile net connection' claimed by Qualcomm

Mobile internet speeds of 1Gbps using a 5G smartphone chip.

Qualcomm has demonstrated mobile internet speeds of 1Gbps using a 5G smartphone chip. The chipset manufacturer claims this is the first working 5G data connection on a mobile device.

EMT Leader: FirstNet's "Legacy" Will be Serving Rural Communities

Greatest impact = reducing rural health care costs.

Melvin Musulin, Assistant Director for Pennsylvania's Valley Ambulance Authority, says he sees FirstNet as a legacy for emergency first responders in rural communities. He has been anticipating FirstNet's launch since its inception in 2012. With FirstNet now on the verge of going live in communities across the country, Musulin says that FirstNet's accessibility will have its greatest impact by reducing health care costs in rural America.

Apple co-founder launches Woz U for tech education

Providing fast, affordable technology-based training.

Steve Wozniak wants to provide fast, affordable technology-based training to fill the unemployment gap and help students succeed.

NFV & SDN: What's Next for Cable?

New flexible virtual functions.

Despite a relatively late start, the cable industry is now staking out its own turf in the software-defined networking (SDN) and network functions virtualization (NFV) space, even leading the way in such aspects as the virtualization of access networks.

Libraries Fill the App Gap

Public & school libraries have become breeding grounds for tech learning.

Fewer than half of US schools offer computer programming classes, and libraries are filling a critical gap, as K-12 classrooms gradually adapt their curricula to include computer science. Public and school libraries from Norman,

Oklahoma, to Homer, Alaska, have become breeding grounds for tech learning.

Louisiana district illustrates power of E-rate in education

Strong e-rate funds allow 1:1 and online testing.

Without E-rate funds, "we may not be where we are now," said the tech director of a district that recently launched 1:1 and implemented online testing.

Grinnell hospital nears tie with UnityPoint, Des Moines and University of Iowa

Encouraging public safety-focused innovation.

The Grinnell Regional Medical Center board of directors unanimously voted this week to bring the medical center under the UnityPoint Health Des Moines banner.

Microsoft to help expand rural broadband in 6 states

Strong investment in technology and related jobs.

Microsoft announced that it is teaming up with communities in six states to invest in technology and related jobs in rural and smaller metropolitan areas.

FirstNet, AT&T Launch First Developer Program for Public Safety

Enhancing specialty services, telemedicine.

FirstNet and AT&T* launched the first developer program geared toward America's first responders. This will encourage public safety-focused innovation to help equip first responders with state-of-the-art communications tools. It also brings public safety closer to having their own app store where they can find new solutions purpose-built for their needs.

Outfitting the farm for the future

Using technology is a strong part of farming.

Use of technology is simply a part of farming for Adam Dressman, the fourth generation to farm his family's land. As Adam stands in front of a historic red barn on his family's home place, the 29-year-old holds up a microchip that measures grain temperature in a couple of nearby bins. It's among the advances he expects are necessary to outfit the farm for the future.

LED Lights Could Supplement WiFi: Study

LEDs could replace WiFi technology for transmitting digital data

Researchers from the University of Edinburgh in the UK found that transmitting digital data via LEDs at the same time as using them to generate light does not make the light dimmer or change its color.

Our Coming 5G World and IoT

Sensors will be almost everywhere: clothing, homes, power & utility systems, etc.

The concept of an Internet of Things (IoT) sounds futuristic, conjuring an image of a vast network of connected devices that are actively monitoring the world to give us much greater control over almost everything. But the reality is that the IoT is already here.

Organizations Prepare Their Health IT Infrastructure for 5G

IoT will play an important role in 5G adoption.

Recent advancements in 5G technology makes it an appealing option for health IT infrastructure to support telehealth initiatives.

Advertised broadband speeds should actually be realistic, UK tells ISPs

Flexible contracts when providers fall short.

The United Kingdom's telecom regulator, Ofcom, wants to strengthen an industry code that lets Internet customers exit contracts without penalty when broadband providers fall short of their advertised speeds.

Mobile Data Subscriptions: Which Countries Use The Most Gigabytes?

Flexible broadband with smartphones & internet.

According to a new report, mobile broadband penetration in OECD countries has reached 99.3 percent, meaning there is nearly one high-speed mobile broadband subscription for every inhabitant. As the smartphone became mainstream and mobile internet started to become more common, pricing in mobile markets shifted from telephony to data usage. That trend is particularly evident when it comes to 4G services that are designed for IP-based traffic, rather than being optimized for voice.