A Broadband Initiative from the Iowa Communications Network

Congratulations to our new group of SYBAC students!
We are excited to get the 2020-2021 year started in September!

Customer Spotlight:
State Public Defender

Customer
Spotlight

State Public Defender

As the COVID-19 pandemic continued, a limited number of staff returned to the State Public Defender's Iowa City office to find their phone system destroyed. Read how ICN offered a Voice solution that was deployed in record time.

Camp Dodge is new home to Iowa's Fire Service Training Bureau
ICN is proud to deliver Ethernet service for the relocation of the Fire Service Training Bureau to Camp Dodge, located in Johnston. We value our customer partnerships to provide connectivity to the Iowa Department of Public Safety and the Iowa National Guard to help support their missions.
Source: IowaDPS

Cybersecurity

Phishing with Canva: Bad Guys Exploit Graphic Design Platform
See some common examples of phishing emails that are regularly reported that use Canva.
Source: KnowBe4

The Cyber Hygiene Basics: Protect against "password spray"
Advanced attackers can repeat login attempts multiple times with different passwords while staying below the maximum number of allowable password attempts on the domain.
Source: Cyber Tech Accord

Cyber Career Pathways Tool
Did you see? The Cyber Career Pathways Tool launched last week. Whether you're just beginning your cyber career or are a seasoned professional planning your next step, this tool will help you explore your options in the federal government
Source: National Initiative for Cybersecurity Careers and Studies

Healthcare

Chatbots delivering psychotherapy help decrease opioid use after surgery
A group received 2 daily texts from an automated "chatbot" – a computer that uses artificial intelligence to send messages – starting the day after their surgery.
Source: Medical Xpress

Researchers Use mHealth to Track, Assess Parkinson's Movements
A new study found that an mHealth platform used to track and assess movement by people living

with Parkinson's could be used to rate the severity of tremors and aid in care.
Source: mHealth Intellegence

[COVID-19 pandemic brings telehealth into U.S. homes](#)
What will the post-COVID-19 health care landscape look like?
Source: Medical Economics

[NY-NJ Hospitals to Use Smart Clothes in COVID-19 Telehealth Program](#)
Telehealth program that will use sensor-embedded undergarments to remotely monitor patients infected with the coronavirus.
Source: mHealth Intellegence

Education

[When parents become teachers: tools to help students at home](#)
Family resources for back to school from Google Education.
Source: Google

[5 Major Shifts Needed Post-COVID-19 to Transform Education](#)
Here are five ideas to reimagine the education system for the future, that will help educators serve students more effectively during COVID-19 and beyond.
Source: Center for Digital Education

[Stem Council Teachable Moment](#)
Resources for educators, parents & students: a list of STEM lessons & activities, called Teachable Moment, to help students stay active in STEM this year.
Source: Iowa Stem

Public Safety

[Illinois State Police Push for License Plate Scanners](#)
An increase in the number of shootings on expressways in the Chicago area are behind a police push for license plate scanners.
Source: Government Technology

Digital Divide

[How States Use Broadband Surveys to Fight for Better Funding](#)
Accurate data on Internet access and quality is crucial for decision-making.
Source: Government Technology

[Missouri Commits Nearly $2M to Broadband Expansion](#)
A series of grants, funded by federal CARES Act money and distributed through the state's emergency investment program, will go to Internet service providers in underserved areas.
Source: Government Technology

[Federal funds to help Mississippi expand internet access](#)
A Mississippi-based tech company plans to install more than 33 miles of underground fiber infrastructure to offer ultra-fast broadband internet access to rural areas.
Source: Lincoln Journal Star

[ISU project named finalist in rural broadband initiative](#)
If awarded, ISU's project, "ARA: Wireless Living Lab for Smart and Connected Rural Communities," would be the fourth such testbed in the United States.
Source: Ames Tribune

Technology

[**Backhaul, power issues hamper cellular network recovery in Iowa**](#)
A week after the derecho that struck Iowa with hurricane-force winds, carriers have reported that nearly 60 cellular network sites across the state remain out of service.
Source: RCR Wireless News

[**Microsoft has confirmed end of support dates for legacy Edge and Internet Explorer 11.**](#)
Microsoft's new Edge browser has surged in popularity since its launch in January this year, reaching number two position behind Google's Chrome. Now, Microsoft has confirmed it will end support for the old version of Edge—meaning it will not receive any more security updates—on March 9 2021.
Source: Forbes

[**Tech Phishing in Netflix, YouTube, Other Streaming Platforms Surges Over 600% During Lockdown: Here's How You Could Be Hacked**](#)
Streaming platforms, such as Netflix and YouTube, are becoming more and more dangerous, with people unaware that they are being lured into a malicious data siphoning tactic called Phishing.
Source: Tech Times News

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