



A Broadband Awareness Initiative from the [Iowa Communications Network](#)  
Weekly Update: October 22, 2021

## Cybersecurity Careers: Awareness, Opportunities & Retention

Week 3 of Cybersecurity Awareness Month focuses on demystifying careers in cybersecurity and raise awareness about pathways to prepare a highly skilled and diverse workforce for careers in cybersecurity.

Source: Security Intelligence



## Cybersecurity

### [How To Recognize and Avoid Phishing Scams](#)

Phishing attacks account for more than 80% of reported security incidents. Scammers use email/text messages to trick you into giving them your personal info. Fight the phish, learn how to protect yourself.

Source: Federal Trade Commission

### [Malicious emails are being timed to coincide with the “mid-afternoon slump”](#)

Phishing attacks are becoming more sophisticated. Cyber criminals are delivering messages in the 2–6 PM window when suspicious messages may face less scrutiny.

Source: CPO Magazine

### [Biden Signs School Cybersecurity Bill](#)

The Cybersecurity and Infrastructure Security Agency will study the cyber risks facing elementary and secondary schools and develop recommendations to assist schools in facing those risks.

Source: Nextgov

## Iowa Related

### [Hawkeye Community College launches cybersecurity program after seeing increase in attacks](#)

IT students will now be able to specialize in cybersecurity and be equipped with skills to defend networks.

Source: KWWL-TV

### [Ten-digit dialing starts for some Iowans this weekend](#)

For people living in the 515 & 319 area codes, starting October 24, punch in those first three numbers for your call to go through. The change is happening to accommodate the 988 code to reach the new National Suicide Prevention Hotline.

Source: KCCI-TV

[View our customer notice.](#)

### [Lessons Learned from Ransomware Attacks](#)

Step up your game right now with hard-won lessons from organizations that have already experienced a ransomware attack.

Source: Pratum Security

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## Sector Related

### Education

#### [3 Reasons Why the Cloud Continues to Be Overlooked in K–12 Cybersecurity](#)

Schools use cloud-based applications more frequently with the surge in hybrid learning, but IT teams struggle to secure this environment.

Source: Ed Tech Focus on K-12

### Government

#### [Maximizing Highway Infrastructure's Potential with GIS](#)

In Georgia, The Ray is a smart highway corridor and test bed using GIS to help map underutilized resources to demonstrate the potential of existing infrastructure.

Source: Government Technology

### Healthcare

#### [Uncovering the true value of telehealth to improve care outcomes](#)

COVID-19 may have pushed the health care community to expand use of telehealth, but AMA research points to a permanent outcome—to better care and increased value.

Source: American Medical Association.

### Public Safety

#### [Will a cyberattack take down next-generation 911?](#)

With any new technology comes new security risks, however one director expects next-generation 911 will be more secure.

Source: StateScoop

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## Digital Divide

#### [A Community Guide to Federal Funding Opportunities for Broadband](#)

This guide consolidates the different funding opportunities for communities interested in accessing federal funds to expand broadband infrastructure & digital inclusion services.

Source: Institute for Local Self Reliance

#### [FCC Earmarks \\$163M for Expanding Broadband Internet Access in 21 States](#)

Through the Rural Digital Opportunity Fund, the FCC will authorize 42 providers across 21 states for new broadband deployments & ensure the money goes to unserved areas.

Source: Newsweek

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The Iowa Communications Network is a state-of-the-art fiber optic network providing high-speed Internet, data, voice, security, and consulting services to Iowa's healthcare, education, government, and public safety sectors.