



## SYBAC Students Meet with State Lawmakers

High school students from across Iowa experienced the opportunity on Tuesday to meet with elected officials at the State Capitol to discuss the importance of strong reliable broadband in their daily lives.

The 15 student participants are part of the 2017-2018 Statewide Youth Broadband Advisory Council (SYBAC) founded by the Iowa Communications Network (ICN). SYBAC members provided the ICN and elected leaders insight into the use of technology by today's youth and how the increased use of technology in schools affects their education.

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## chemoWave app offers patients support during chemotherapy

The chemoWave disease companion app, which is available for free download on iOS, was heavily influenced by Treatment Technologies & Insights, LLC cofounder Matt Lashey's experiences during the time his partner was undergoing therapy for non-Hodgkins lymphoma. In particular, he noted the impact that data collection and analysis could have on an individual and their care team's ability to manage illness and the side effects of chemotherapy.

## 2018 Winter Olympics Phishing Campaign Hides Evil PowerShell Script In Image

The attack is being delivered via phishing emails disguised as alerts from country's National Counter-Terrorism Center, with malicious Word documents attached. Once opened, the Word doc encourages readers to enable content. If they do, that triggers an embedded macro to launch PowerShell. Up to this point, this is nothing really new.

## Campuses embrace cryptocurrency courses following value spike

Classrooms across the globe have begun to include blockchain and bitcoin into their legal, business and engineering curricula.

## Senate Bill Would Create National Broadband Access Standard

The FCC is being asked to set a national standard to determine whether mobile and broadband in rural areas is "reasonably comparable" to service in urban areas.

## What is "reasonable cyber security" and how do courts view it?

Shawn Tuma, an attorney with an internationally recognized reputation in cybersecurity, explains in two very short videos what the courts view as "Reasonable Cybersecurity" and what your organization needs to have in place. Take 3 minutes and watch these two videos. You are going to be glad you did, because they have fantastic ammo to get budget.

## **NWEA Unveils New K-3 Reading Assessment Program**

A new computer-based solution promises to streamline K-3 oral reading assessments, giving teachers valuable new data on student competencies while freeing up classroom time.

## **Blockchain explained: It builds trust when you need it most**

Here's everything you need to know about the technology powering the bitcoin cryptocurrency today and, soon, a myriad of services that will change your life.

## **FDA Approves mHealth Wearable for Tracking Epileptic Seizures**

The FDA has approved an mHealth wearable for people living with epilepsy that's designed to detect convulsive seizures and immediately notify care team members.

## **Chasing Gold Medals and Degrees: Olympians Benefit from eLearning**

If you're watching the Olympics, you have likely already wondered how all those young people keep up with their studies while training several hours per day and traveling around the world to attend competitions. In the past, many athletes had to put their studies on hold or count on the flexibility and kindness of their teachers and professors. Over the past decade, online education has made chasing gold medals and degrees simultaneously just a bit easier.

## **Surgeons call on HoloLens during reconstructive surgery**

In a recent case study published in European Radiology Experimental, surgeons at St. Mary's Hospital in London used Microsoft HoloLens to overlay images of CT scans onto patients' legs during reconstructive lower limb surgery.

## **Phishing Messages from the Dark: When the Bad Guys Write Back**

For most users the experience of dealing with phishing emails is a solitary experience. Occasionally non-technically savvy employees do have an inkling that something seems "off" or "unusual" when confronted with malicious emails. For many the first instinct is to respond to the sender of a questionable email, asking for clarification, reassurance, and more information -- especially when they are being asked to click links or open attachments. Is this a bad idea?

## **Newly uncovered malware uses DNS requests to siphon credit card data**

In a blog post published on February 8, Forcepoint says its found malware that uses Domain Name System (DNS) requests in order to extract credit card information. That sets it apart from most other POS malware, which would normally use HTTP requests to exfiltrate data.

## **Tech Will Be Everywhere at the 2018 Winter Olympics**

In recent years, innovation has taken a new form at the Olympics: wearables. And everyone from bobsledders to curlers are going to be fitted with a wide range of devices designed to improve their performance, hone their training, and generally make the Games a little more exciting.

## **The New York Times digital paywall business is growing as fast as Facebook and faster than Google**

The publisher's online subscription business, embarked upon somewhat sheepishly in 2011, has now cultivated over 2.2 million paying readers. An additional 400,000 or so pay for the Times' standalone Crossword and Cooking apps.

## **Open educational resources reaches 'inflection point,' and states are leading the charge**

Changes in policy, perception and technology are propelling Indiana, Michigan, Utah, Washington and other states to build digital libraries for open educational resources.