


IoT

The logo features the text 'IoT' at the top in a large, bold, black font. Below it is a central graphic consisting of a red shield with a white keyhole in the center, surrounded by a black circular border. From this central circle, several black lines radiate outwards, ending in small white circles, resembling a circuit board or a network diagram. Below the graphic, the text 'THIS WEEK' is written in a bold, black, sans-serif font.

THIS WEEK

July 2, 2017 - Issue 35

Catch up on the latest from IoT, InfoSec and Tech. This issue includes: IoT in the garbage business, an IoT degree, Petya/NotPetya, Five Eyes, Microsoft layoffs, passwords via brainwaves and much more...

IoT

The [Waste and Recycling](#) industry is incorporating IoT by using RFID technology to know when addresses have been serviced. They are also using sensors to determine how full containers are in order to optimize pickups. And garbage trucks themselves are being wired as well in a hope to predict when maintenance is needed.

A [former employee](#) attacked and disabled smart water readers in a handful of US cities along the east coast. He was sentenced to one year and a day in prison.

[IoT Analytics](#) compiled a list of IoT vendors. There are currently 450 vendors in the list which is a 25% increase over last year.

[Florida International University](#) (FIU) will be the first in the US to offer an Internet of Things degree beginning in spring 2018.

[IoT vulnerabilities](#) are getting the biggest bug bounty payouts according to Bugcrowd and HackerOne. Issues found in IoT devices are paying an average of \$724 per submission.

[Volvo](#) self-driving cars are apparently having issues in Australia dealing with kangaroos because of their hopping.

InfoSec

Like [Russia](#), the US government is also demanding companies reveal their source code as proof there's no funny business going on with their products that would put the government at risk. Kaspersky, a Russian company, is now agreeing to allow the US government to review its code.

[Leaked](#) documents from Snowden are revealing that the NSA engaged in diverting US internet traffic to overseas locations to avoid constitutional protections.

The [original](#) author of the Petya ransomware wants to help NotPetya victims. NotPetya which was originally thought to be a variation of Petya was discovered to be destructive malware that simply destroys systems.

The [latest](#) from Vault 7 shows documentation for CIA malware used for tracking Windows devices via WiFi networks by using the Extended Service Set (ESS) data from nearby networks. The tool is named ELSA.

A [zero-day](#) hit Skype for Web which can allow attackers to remotely execute code and crash systems. The issue has been fixed by Microsoft.

The [Australian](#) government is pushing the Five Eyes nations (UK, US, Canada, Australia and New Zealand) to implement measures to force companies to allow applications using encryption to be read by the various countries.

Tech

[Microsoft](#) is planning to layoff thousands of employees in a bid to reorganize its sales force. The move is apparently meant to increase emphasis on cloud services provided by Microsoft.

[Walmart](#) which was asking vendors not to use Amazon Web Services is now threatening to sever ties with transportation companies if they also ship for

Amazon.

[Germany](#) is demanding that social media companies delete hate speech or face fines of \$57 million if they do not delete posts within 24 hours.

[AMD](#) which seemed to have disappeared from the CPU market has taken a 10.4% share from Intel in Q2 this year according to Passmark.

The [FAA](#) is considering the implementation of a remote identification system for drones since the FAA's registration requirement for personal drones was struck down by the courts last month.

Other Interesting Stories

An interesting [infographic](#) by Frugal Dad shows that six companies control 90% of the media in the US. Those companies are GE, News-Corp, Disney, Viacom, Time Warner and CBS.

[Something](#) that continues to irritate me is the poor state of air travel in the US and the fact there really is no alternative. It doesn't appear alternatives will show up any time soon as two dozen countries have added thousands of miles of train networks that run at speeds of at least 150mph... the US added 34 miles of track capable of those speeds.

[Someone](#) paid over \$2 million for an R2-D2 unit used in the Star Wars movies.

[Researchers](#) may have found a way to determine your passwords by reading your brainwaves using a standard consumer-grade EEG headset.



Listen to the latest [IoT This Week](#) podcast.

Subscribe to the new [IoT This Week Newsletter](#) for weekly updates on interesting stories from the IoT, InfoSec and Tech world.

Follow [@iotthisweek](#) on twitter for the latest tweets on interesting stories.

Contact: @craigz28 on twitter or email: podcast@iotthisweek.com
