

Bridging the Gap Between DC and DEF CON

#DC2DEFCON



Rep. Jim Langevin
D-Rhode Island, 2nd District
US House of Representatives

@JimLangevin



Rep. William Hurd
R-Texas, 23rd District
US House of Representatives

@HurdOnTheHill



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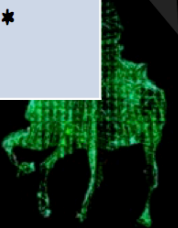
I am The Cavalry

 **Atlantic Council**

White Hat Motivations

Motivations	Descriptions
Protect	Want to make world a safer place, may be more willing to be sensitive to realities affecting safety
Puzzle	Curiosity, challenge, tinkerers, hobbyists, customers (e.g. Rubik's Cube)
Prestige/Pride	Recognition, making a name, building a career
Profit/Professional	Seeking monetary reward and/or make a living off of it
Politics/Protest	Ideological or principled. Civil liberties, Pro/Anti-*

www.iamthecavalry.org
@iamthecavalry



Safer | Sooner | Together

@joshcorman

@IamTheCavalry



I am The Cavalry

UPDATED DECEMBER 2016

DOT GOV COORDINATED DISCLOSURE TIMELINE

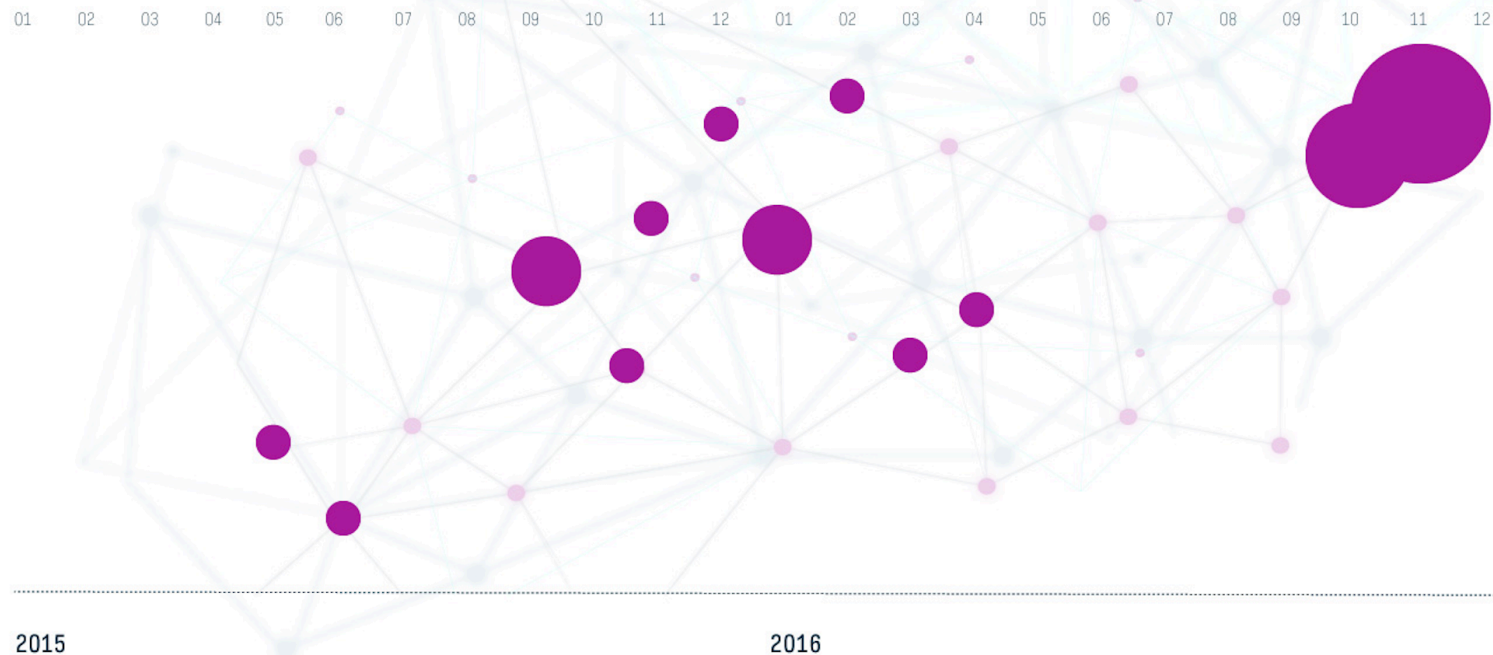
Over the past two years, as a part of growing concerns around cyber security and how it affects many aspects of US citizen and consumer life, the federal government has put forth a wide variety of recommendations to improve cyber security posture, of which coordinated disclosure is a significant and recurring component.

I Am The Cavalry

<https://www.iamthecavalry.org>

2015

2016



2015

05/2015 The House Energy & Commerce (HEC) committee sends out a formal written request to auto manufacturers raising questions about concerns with cyber

2016

01/2016 The Food & Drug Administration (FDA) hosts a workshop outside of Washington DC to discuss cybersecurity best practices for medical device manufacturers.

Government has noticed in the last 18 months...



Presidential
Commission
Report



DOC/NTIA
Guidance



FDA Guidance



DOJ Work
Group



DOD Strategy



EU Guidance



DHS Guidance



FTC Guidelines



HHS Task Force



DOT Principles



NHTSA
Guidance



@ACScowcroft
@iamthecavalry

HEALTH CARE INDUSTRY CYBERSECURITY TASK FORCE

June 2017

REPORT ON IMPROVING CYBERSECURITY IN THE HEALTH CARE INDUSTRY

HEALTHCARE CYBERSECURITY IS IN CRITICAL CONDITION

Severe Lack of Security Talent

The majority of health delivery orgs lack full-time, qualified security personnel

Legacy Equipment

Equipment is running on old, unsupported, and vulnerable operating systems.

Premature/Over-Connectivity

'Meaningful Use' requirements drove hyper-connectivity without secure design & implementation.

Vulnerabilities Impact Patient Care

One security compromise shut down patient care at Hollywood Presbyterian and UK Hospitals

Known Vulnerabilities Epidemic

One legacy, medical technology had over 1,400 vulnerabilities





Ooops, your files have been encrypted!

English

Payment will be raised on

5/15/2017 14:57:41

Time Left

02:23:59:02

Your files will be lost on

5/19/2017 14:57:41

Time Left

06:23:59:02

[About bitcoin](#)

[How to buy bitcoins?](#)

[Contact Us](#)

What Happened to My Computer?

Your important files are encrypted.

Many of your documents, photos, videos, databases and other files are no longer accessible because they have been encrypted. Maybe you are busy looking for a way to recover your files, but do not waste your time. Nobody can recover your files without our decryption service.

Can I Recover My Files?

Sure. We guarantee that you can recover all your files safely and easily. But you have not so enough time.

You can decrypt some of your files for free. Try now by clicking <Decrypt>.

But if you want to decrypt all your files, you need to pay.

You only have 3 days to submit the payment. After that the price will be doubled.

Also, if you don't pay in 7 days, you won't be able to recover your files forever.

We will have free events for users who are so poor that they couldn't pay in 6 months.

How Do I Pay?

Payment is accepted in Bitcoin only. For more information, click <About bitcoin>.

Please check the current price of Bitcoin and buy some bitcoins. For more information, click <How to buy bitcoins>.

And send the correct amount to the address specified in this window.

After your payment, click <Check Payment>. Best time to check: 9:00am - 11:00am



Send \$300 worth of bitcoin to this address:

115p7UMMngo1pMvvpHijcRdfJNXj6LrLn

Copy

Check Payment

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