



# Working With Cybersecurity Researchers

Beau Woods

Atlantic Council Cyber Safety Innovation Fellow

I Am The Cavalry (.org) Leader



**NASS**

National Association  
of Secretaries of State

2020 Winter Conference  
January 31, 2020

I AM THE  
**Cavalry**



What do cybersecurity  
researchers do?

I AM THE  
Cavalry

gettyimages®

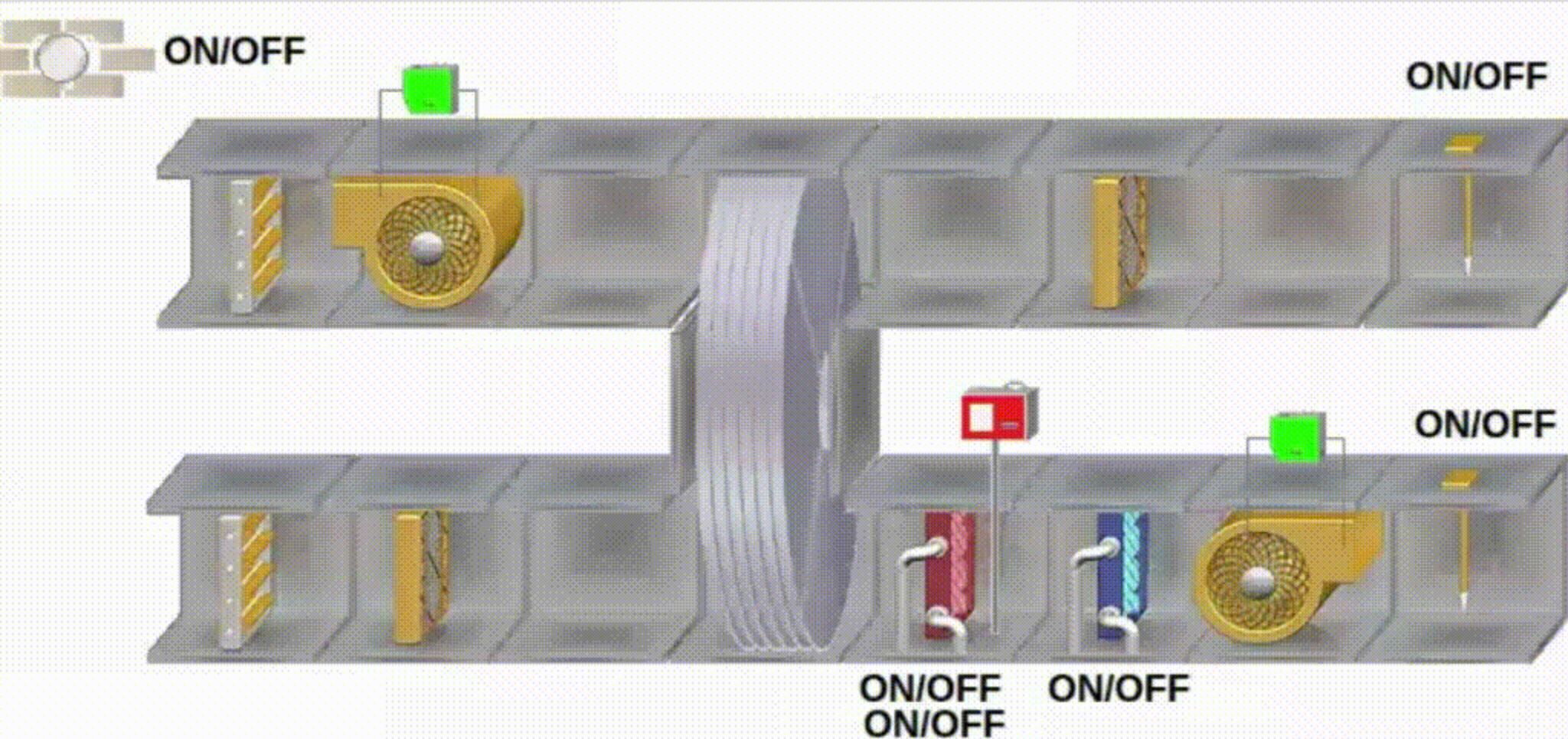
936391826

I AM THE  
Cavalry



#IAMSAYIT

I AM THE  
Cavalry



Temp. zadana

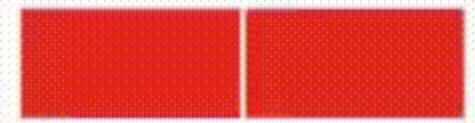
Sterowanie

Option 0 ▾

Tryb pracy autom

Option 0 ▾

Harmonogram  
ON/OFF





I AM THE  
Cavalry

Country    Botnet    IP Address

<https://intel.malwaretech.com/pewpew.html>



Who are cybersecurity  
researchers?

I AM THE  
Cavalry

I AM THE  
**Cavalry**

Five Motivations of  
Security Researchers

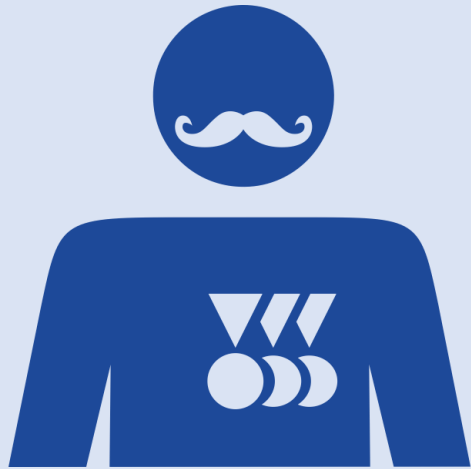
<https://iamthecavalry.org/motivations>



Protect



Puzzle



Pride/Prestige



Profit/Payment



Protest/Patriot

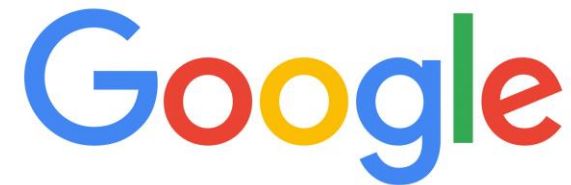
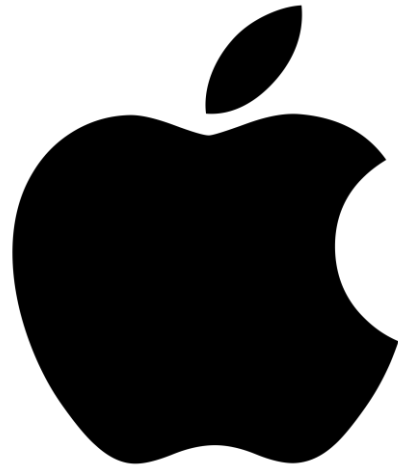


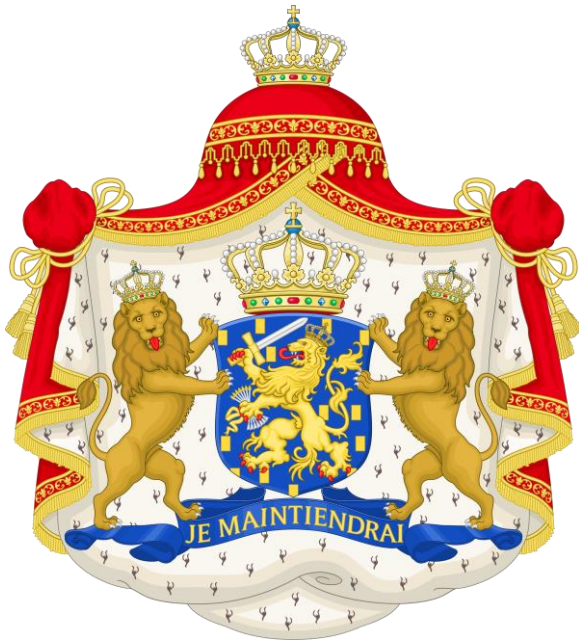
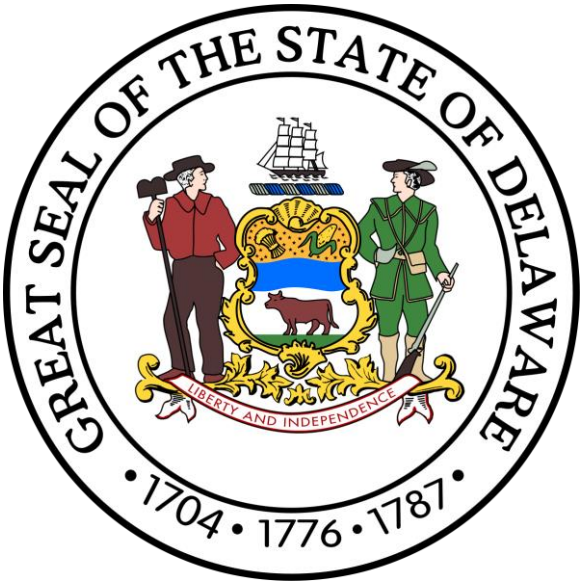




Who invites cybersecurity  
researchers to report  
vulnerabilities?

I AM THE  
Cavalry





I AM THE  
Cavalry



What federal laws  
constrain good faith  
cybersecurity research?

# CFAA Rules

- Primary tool for prosecuting computer crime
- US Department of Justice memo clarifies *intent* is critical in deciding whether to prosecute.

SHALL WE PLAY A GAME



# DMCA Rules

- Intended to fight counterfeiting of DVDs
- Makes illegal circumvention of a technical protection mechanism (TPM) to access copyrighted works



# DMCA Exemptions

- “Solely for good-faith security research”
- “On a lawfully acquired device”
- “With the authorization of the owner”
- Conducted in an environment “designed to avoid any harm to individuals or the public”
- US DOJ in favor of exemptions:  
*“the DMCA was not created to protect [voting machines], and is ill-suited to do so.”*





# Who has questions?



**NASS**  
National Association  
of Secretaries of State

2020 Winter Conference  
January 31, 2020

Beau Woods  
@beauwoods  
beauwoods@gmail.com

I AM THE  
**Cavalry**