



MISTI™ PRESENTS

InfoSecWorld

Conference & Expo 2018

THE AUTOMATION AND COMMODITIZATION OF INFORMATION SECURITY

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CEO, Red Lion

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Amelie Koran

Deputy Chief Information Officer

U.S. Department of Health and Human Services, Office of the Inspector General

- Multi-Sector Experience: Academia, NGO, Public, Private (+ Fortune 125 & Startups)
- Critical Infrastructure : Energy, Finance, Health
- Multi-Sport/Season Athlete (considered a little “touched” for my extremes)
- Loves music, motorcycles, and LEGO
- Speaker @ DEFCON, multiple BSides, and AWS reInvent



Joshua Marpet

- COO of Red Lion
- Accomplished speaker, executive, startup CEO, and graduate of the Mach37 Cyber-accelerator
- Member of the CEO organizations Mindshare and Missionlink
- Former board member of Hackers for Charity, BSidesLV, and CSA-DelVal
- Editor of the SYNACK Journal of Information Security
- One of the Primary organizers of Security BSides Delaware
- Sleeps occasionally



Scott Lyons

- CEO of Red Lion
- Graduate of the school of hard business knocks
- Has worked all over the IT industry, from client-side to fulfilling client needs in both commercial and federal sectors
- Assisted in multiple Bsides Events, a Goon at both ShmooCon and DEFCON
- Peer Review Board Member- SYNACK Journal of Information Security
- Certification holder (won't say which)
- Passions are people and business

Roundtable Agenda

Automation/Commoditization/Specialization

- Definition
- Explanation
- Examples
- Specifics for IT
- Specifics for Infosec
- Prevent - How do you stop it from spreading?
- Protect - How do you keep what ya got?
- Attack - How do you make it better?

Automation

The technique, method, or system of operating or controlling a process by highly automatic means, as by electronic devices, ***reducing human intervention to a minimum.***

Automation

IT

- Docker
- Ansible
- CMDB
- Nagios
- ??

IT Security

- AutoPWN
- CuckooBox
- CobaltStrike
- ??



Commoditization

To render (a good or service) ***widely available and interchangeable*** with one provided by another company

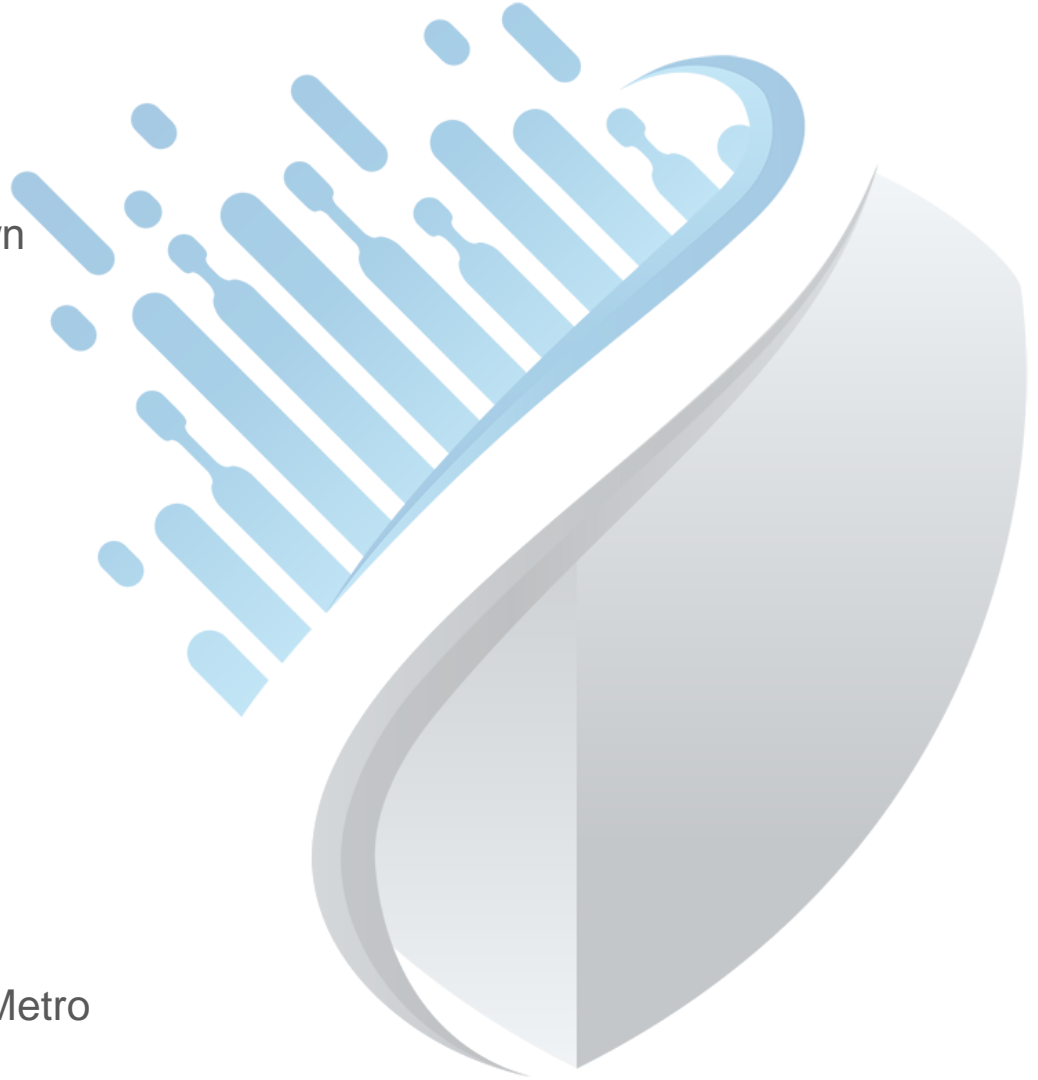
IT

- Prices/"Union" scale is coming down
- Sysadmin is now a 45k a year gig.



IT Security

- Prices coming down as well.
- Security Architect? \$54/hr in NY Metro

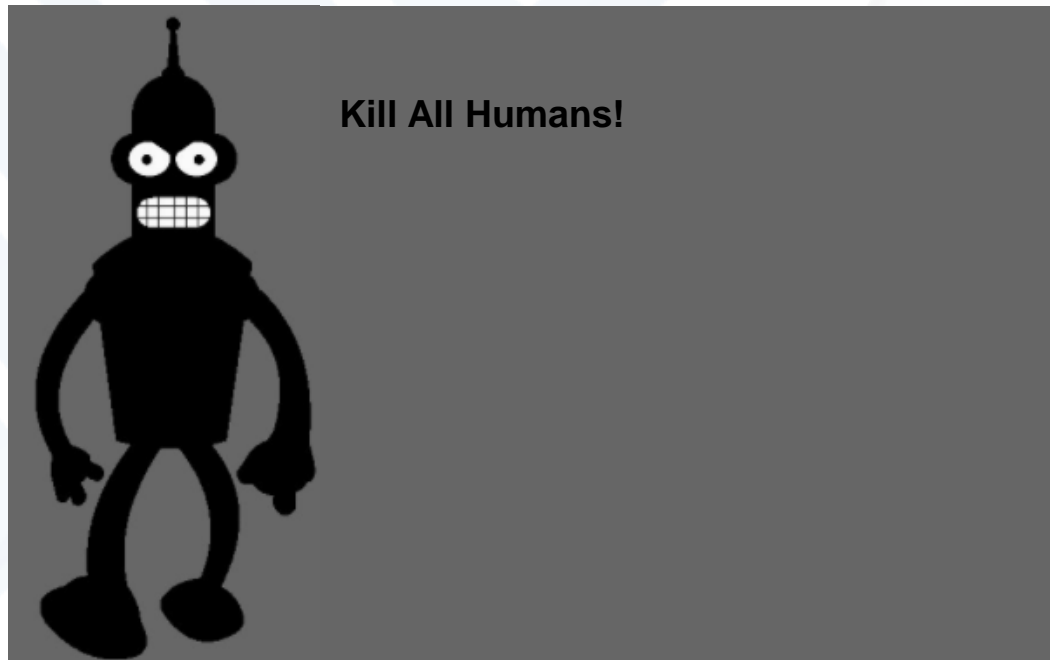


Prevention

- For you
- For the industry

Prevention

1. How to prevent it?
 - a. Kill all the ~~humans~~-Robots!
 - b. For me
 - i. Learn!!
 - ii. Specialize
 - iii. Speak
 - iv. Write
 - v. Be relevant and interesting
 - c. For the industry
 - i. Research!
 - ii. Break new ground
 - iii. Think outside the box





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THANK YOU

PLEASE FILL OUT YOUR EVALUATIONS!

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