

# The Evolution of Cyber Products

Or, will anyone insure Singularity Risk?



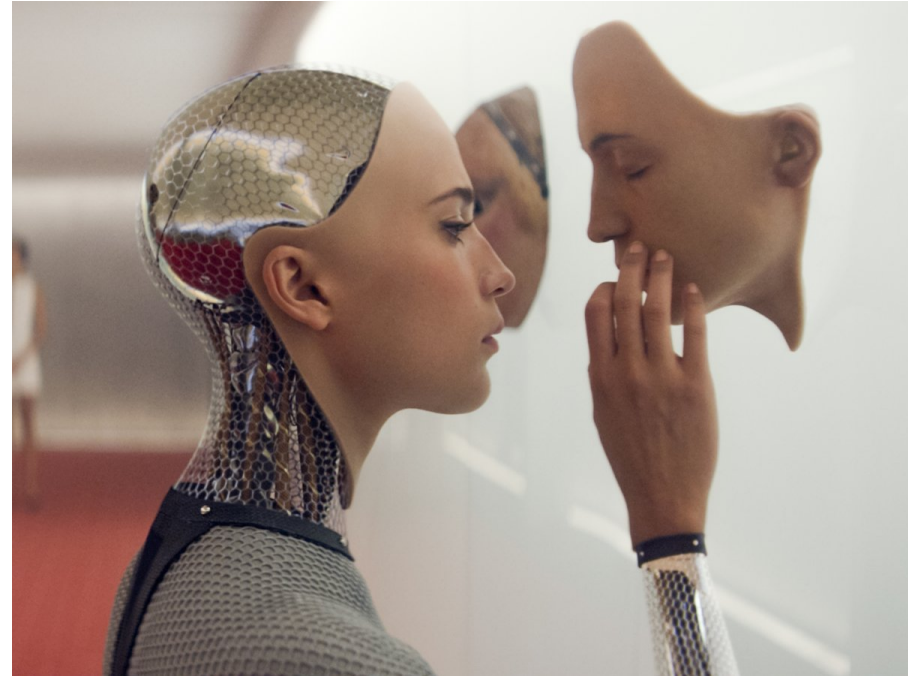
**LITIGATION  
CONFERENCES**

# THE PANEL

Panelist	From	Talking About Cyber and...
Jeremy Barnett (Moderator)	NAS Insurance	Evolution of Cyber
Evan Fenaroli	Philadelphia Ins.	Internet of Things & Drones
Adam Cottini	AJ Gallagher	Biometrics
Laurie Kamaiko	Sedgwick LLP	Social Engineering
Marcus Breese	Hiscox	Autonomous Vehicles
Rennie Muzii	Endurance	Data Center Risk

# A Constant State of Evolution

- Protected Data @Risk
- Manufacturing @Risk
- Intellectual Property @Risk
- Finance @Risk
- Product @ Risk
- Reputation @ Risk
  
- Humanity @ Risk?



DNA Films/Film4/Universal Pictures

# INTERNET of THINGS & DRONES

Evan



- In 2016, 5.5 million new things will get connected every day
- Forecast that 6.4 billion connected things will be in use worldwide in 2016, up 30 percent from 2015
- 20.8 billion by 2020.

Gartner, Inc.

# BIOMETRICS

- Biometrics is the measurement and statistical analysis of people's physical and behavioral characteristics.
- Deploying this technology for authentication and security purposes will inevitably open the door to future legal disputes.

Adam



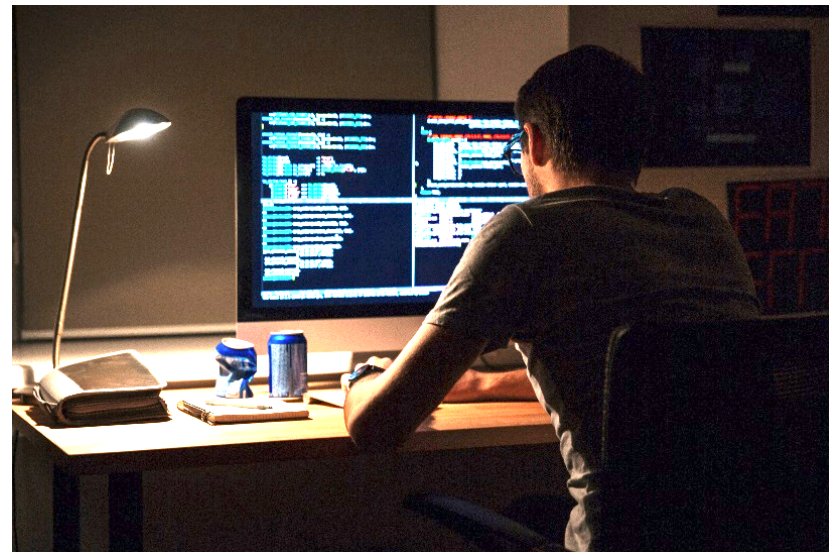
Office of Personnel Management Breach June 2015 –  
Exposed 5.6M sets of fingerprints

# SOCIAL ENGINEERING

Laurie

## *And its use in fund transfer scams*

- 22,143 reported victims
- \$3 Billion in exposed dollars  
(FBI – June 14, 2016)
- 1 in 5 companies with revenues of over \$100M have been target;
- Losses often more than \$500,000  
(Wells Fargo)
- 400+ companies targeted every day;  
40% are SMEs  
(Symantec)



# AUTONOMOUS VEHICLES

Marcus

- Ford targets fully autonomous vehicle for ride sharing in 2021.
- By 2035, more than 12 million fully autonomous vehicles are expected to be sold per year globally.  
(Boston Consulting Group)
- The traditional lines between cyberspace and the physical world will continue to blur.



# DATA CENTERS

Rennie



## “The Cloud Paradox”

Cybercrime represents the fastest growing cause of data center outages, rising from 2 percent of outages in 2010 to 18 percent in 2013 to 22 percent in the 2016 *IHS/Markit* study.



QUESTIONS?

CAMPAIGN TO **STOP**   
KILLER ROBOTS

Learn more at [www.stopkillerrobots.org](http://www.stopkillerrobots.org)