



Food Marketing Institute Asset Protection – March 2013

Perspectives from a Former White House CIO

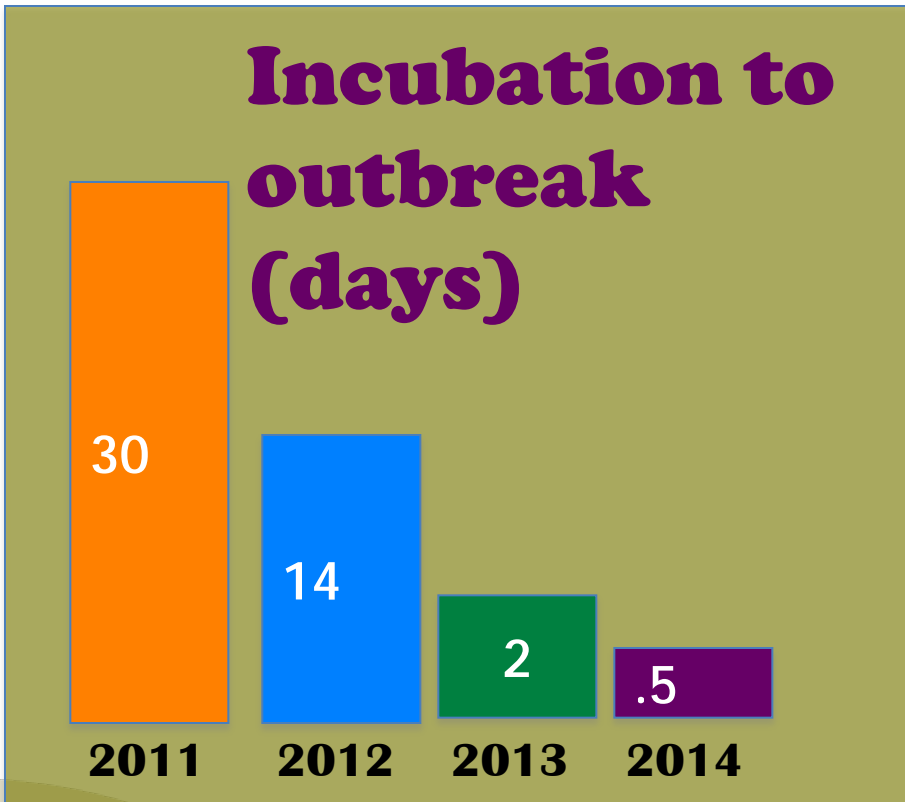
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Former Chief Information Officer, Executive Office of the President*

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5 Tech Trends | Enormous Implications

Malware

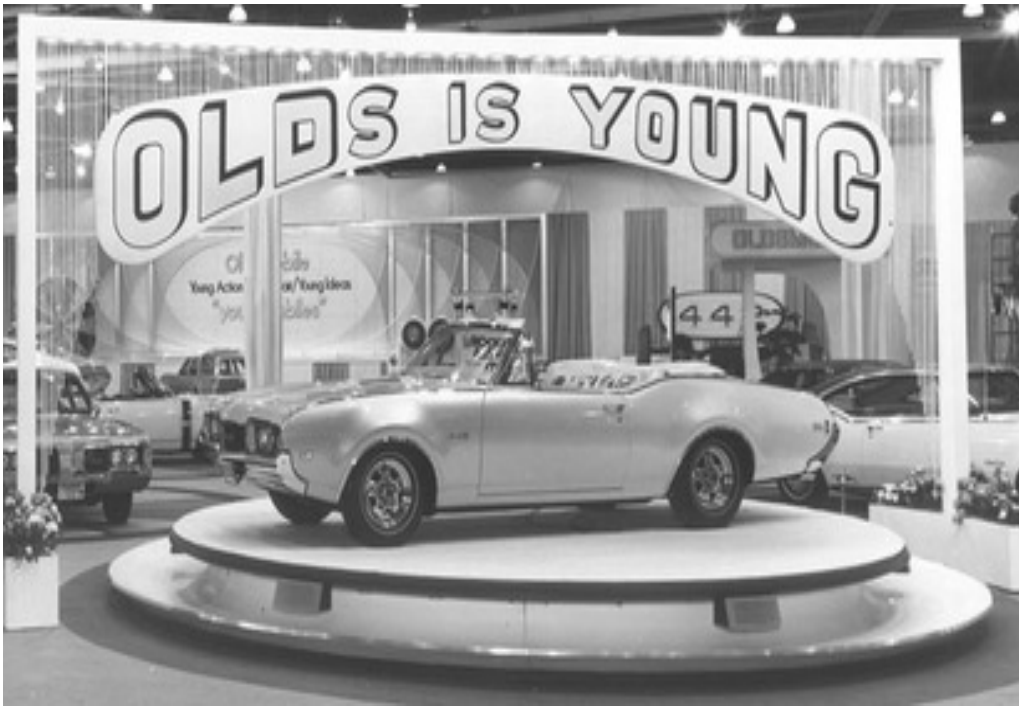


DIGITAL ASSETS
BYOD
SMIT
DATA MAPS
SO SOCIAL!
PORSCHE WRAPPER
MORPH TO THE MAX

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5 Tech Trends | Enormous Implications

Cloud & Big Data Analytics



DIGITAL ASSETS

BYOD

SMIT

DATA MAPS

SO SOCIAL!

MORPH TO THE MAX

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Next Steps | Let's Get to Work!

Best Practices

Training

Policies and Procedures

Practicing Digital Doomsday

Technology Tuning

Security in the Supply Chain

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Next Steps | Biggest Impacts

- **Best Practices & Improved Security Policies**

58%

- **Informed, Aware & Engaged Employees**

20%

- **Technology Improvements**

18%

- **Gov't Regulation & Law Enforcement**

4%

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Next Steps | Executive Conversations

Russia and China have the technical ability to target and **collect information or disrupt** the US information infrastructure

Nation states and criminals **target private sector**

Terrorist groups test out **cyber warfare** targeting the U.S.

Yes, cyber crime is **commercial**



Next Steps | Let's Get to Work!

5 Things...

- Training – just say NO to CBT only
- Document IT AND End User policies and procedures
- Where will your team get stuck during the digital doomsday exercise?
- 90% of our clients last year had what they needed but...
- You are the weakest link? No!

Next Steps | Practice Makes Perfect

Here's your next staff meeting agenda

Current State Assessment – Spend Dedicated Time Discussing:

- What security measures are in place? What do they protect?
- How vulnerable are you? How vulnerable are your clients?
- What client communication and response plans exist?
- Do you test incident management plans using plausible scenarios?

Options Analysis

- What could be done within the next 90 days to improve security?
- How would your company respond to losing intellectual property, internal emails posted on a public website, or worse?
- How can each security layer be enhanced, at what cost and at what impact to productivity?

Next Steps | Practice Makes Perfect

Staff Meeting - Practice the Disaster

Name Your Worst Digital Nightmare:

- Digital death, what happened?
- Go around the room and ask the team to tell you the escalation plan and their list of actions.
- Do you know who to call? Do you know what to do?
- How do you stop the bad guys from taking more?
- Do you need outside help?
- Time yourself...how long does it take before you create a plan of action?

Next Steps | Practice Makes Perfect

Supply Chain Security – 8 Vendor Checkpoints

1. Information Security
2. Identity Management
3. Endpoint and Server Security
4. Gateway and Network Security
5. Web and Application Security
6. Physical and Personnel Security
7. Security Management
8. Intellectual Property, Customer Information, and Financial Transaction Security

Next Steps | Practice Makes Perfect

Supply Chain Security –Vendor Must Answer:

- Chain of Custody
- Least Privilege Access
- Separation of Duties
- Tamper Resistance and Evidence
- Persistent
- Compliance Management
- Code Testing and Verification
- Trusted and Vetted Staff