

THE SECURITY STANDARD

Adapting Enterprise Security to New Realities, Threats and Endpoints

September 10-11, 2012 | New York Marriott at the Brooklyn Bridge | New York City

Produced by

CSO

Embracing the IT Consumerization Imperative

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Information Security. Technology. Family. Soccer.
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<http://about.me/barrycaplin>

The real reason we need tablets



More About Me

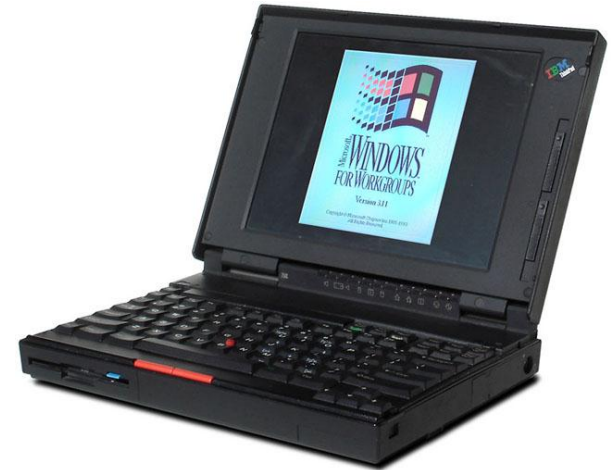
- **Native New Yorker!**
- 30 years in IT/
20 years in InfoSec



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Apr. 3, 2010



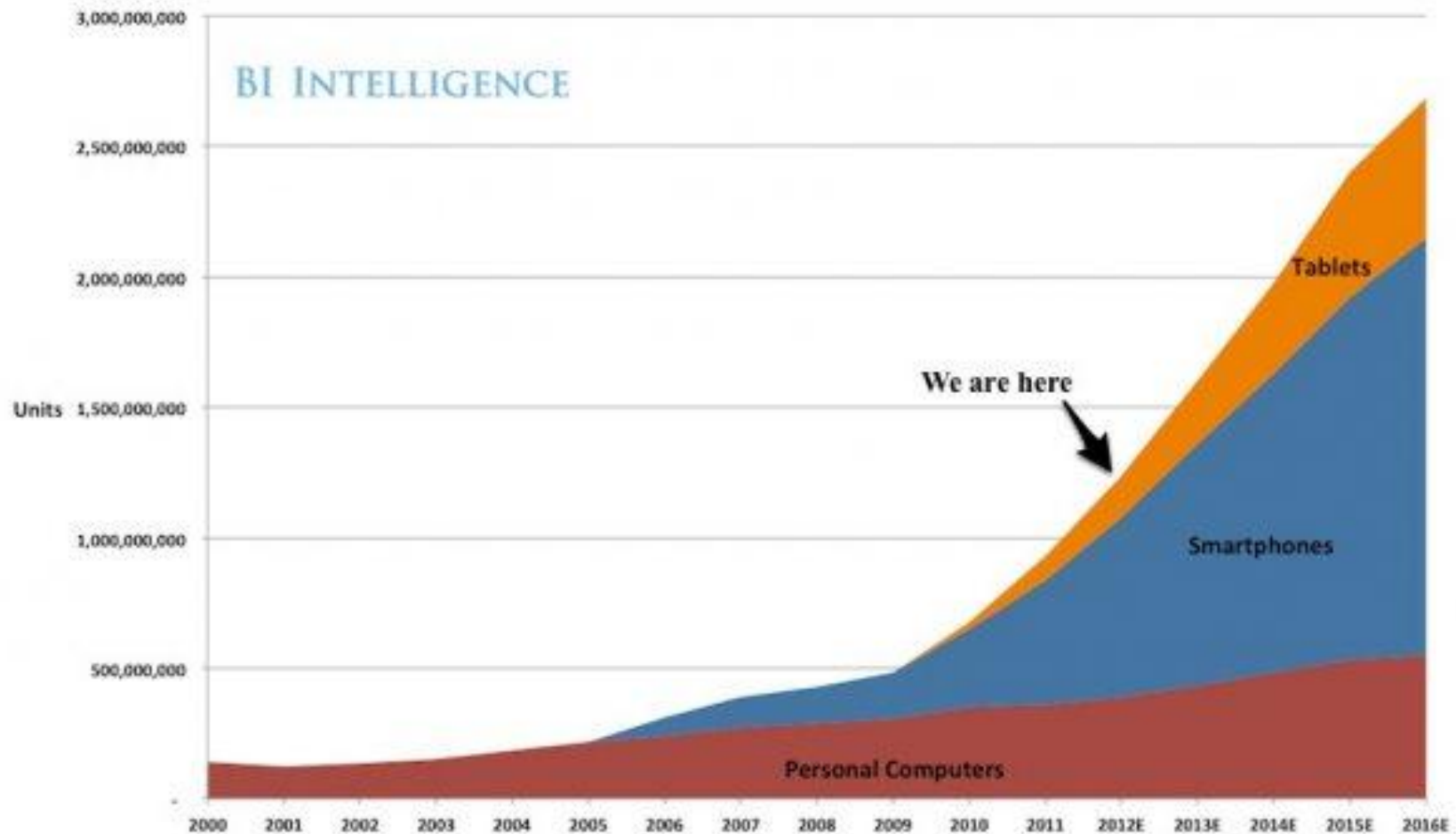
300K ipads
1M apps
250K ebooks
... day 1!

Toddler Buys Herself \$50 Worth of
iPad Apps



2011 – tablet/smartphone sales exceeded PCs

Global Internet Device Sales



Source: Gartner, IDC, Strategy Analytics, company filings, BI Intelligence estimates

Why are we talking about this?

But really, all
connected!

Mobility is No.1

Which technology trend will have the biggest impact on your organization this year?

1. Mobile
2. Cloud computing
3. Consumerization of IT
4. Social media

Source: TEKsystems survey of more than 1,500 IT leaders, March 2012

Business Driver?

Mobile or Mobility?



What about...



Ineffective Controls

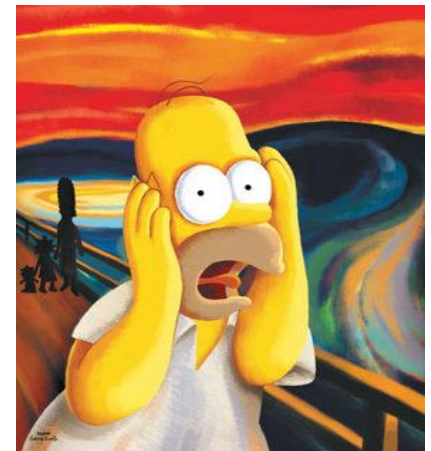


1 Day



5 Stages of Tablet Grief

- Surprise
- Fear
- Concern
- Understanding
- Evangelism



Security Challenges

Devices:

- Exposure of data
- Leakage of data – sold, donated, tossed, repaired drives
- Malware

But don't we have all this now???

Consumer App Security

- “non-standard” software a challenge
- Vetting, updates/patches, malware
- No real 3rd party agreements
- Privacy policies, data ownership
- SOPA/PIPA/CISPA

Legal (IANAL)

- Privacy – exposing company data
- Litigation hold – on 3rd party services
- Separation – what's on Dropbox?
- Copyright, trademark, IP?
- How do you?:
 - Get data from a 3rd party service?

BYOD Security Solutions

- Sync – Network or OTA
- VDI – Citrix or similar
- Containerization – Sandbox, MAM
- Direct Connection – Don't!



DHS view - POE

- Policy
- Supervisor approval
- Citrix only
- No Gov't records on POE (unencrypted)
- 3G/4G or wired
- Guest wireless
- FAQs for users/sups
- Metrics
- \$ - not yet



Software Security Solutions

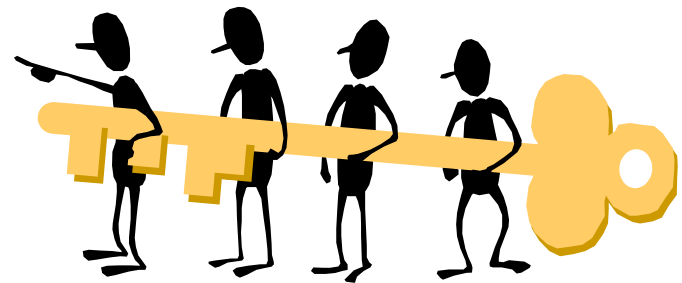
- Policy – Examine existing – augment
- Process – Vetting, updates, malware
- 3rd party agreements – where possible
- Data classification/labeling
- PIE – pre-Internet encryption

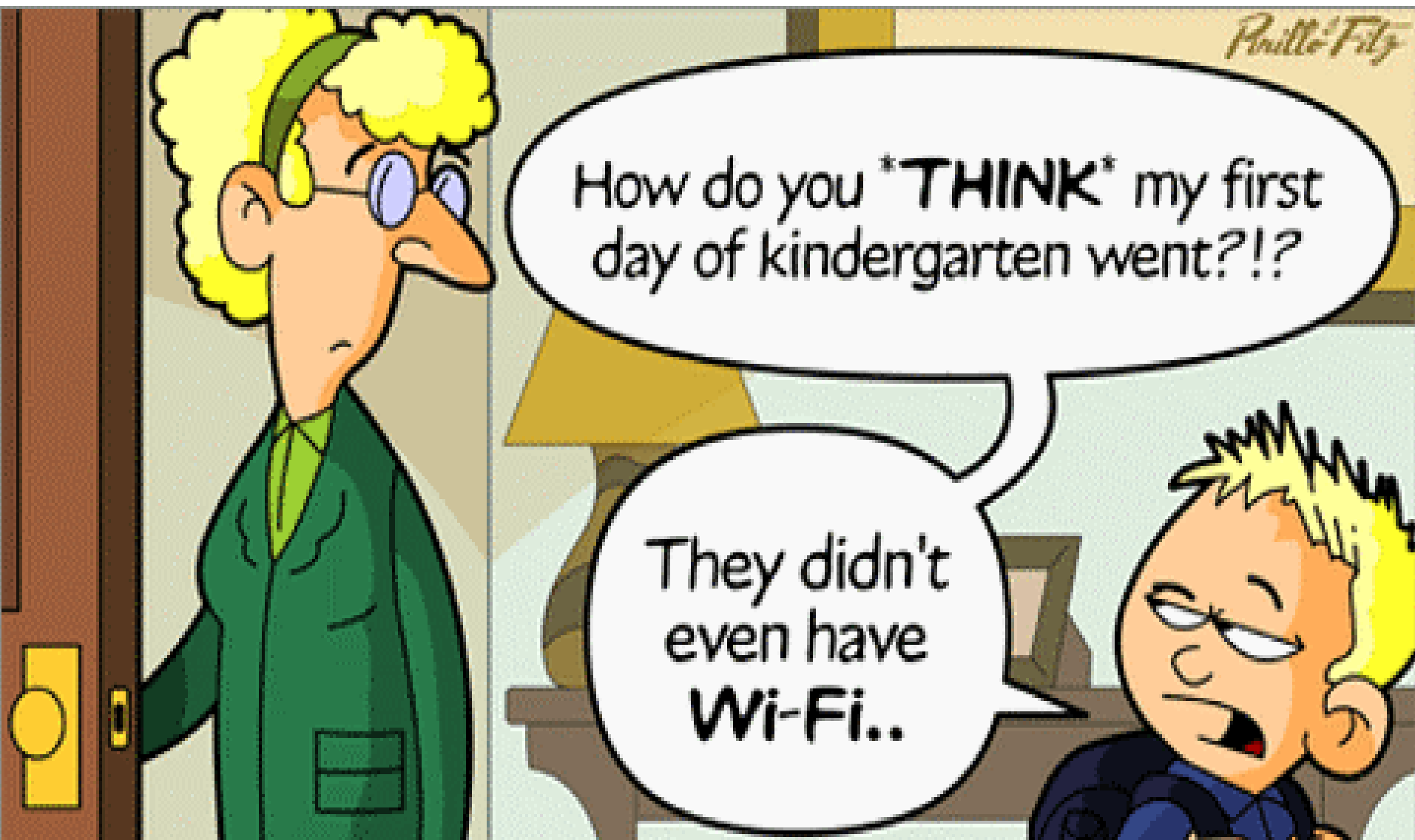
CoIT Nirvana

- Any, Any, Any – work, device, where
- Be nimble
- Data stays “home”++
- Situational awareness

Key Points

- Business Need – Partner internally
- BYOD, Consumer apps, or both?
- Policy, Technical, Financial aspects
- Make easy for users
- Education/Awareness





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