

The Security Paradigm Is Changing

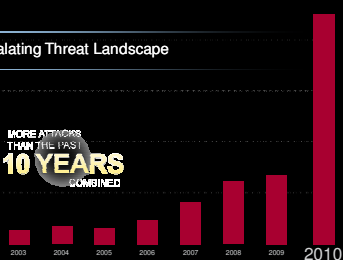
Escalating Threat Landscape

60,000+ new, unique pieces of malware per day
20 million total unique pieces of malware in 2010
2,000,000 new, malicious websites per month
New classes of malware and APT ... non detectable

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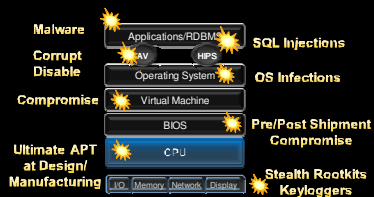
Escalating Threat Landscape

**MORE ATTACKS
 THAN THE PAST
 10 YEARS
 COMBINED**



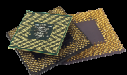
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Escalating Threat Landscape



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Why does Security need to go below the OS?



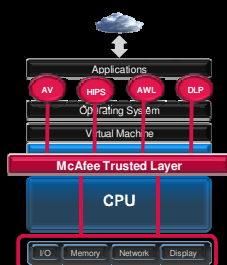
- **PROTECT** against class of attacks that are undetectable on the OS level
- **PREVENT** security from being circumvented
- **IMPROVE** security of core products

The Security Paradigm Is Changing



- Leverage existing security features
- "Hardwarevisor" assisted security
- Hardware assisted security

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Silicon Capabilities activated by McAfee

- Patching
- Outbreak protection
- Out of band management/scans
- Anti-Theft / remote kill
- Power Management
- Embedded encryption
- Out of band recovery

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Fast Growing Internet Devices

Security 3.0
New disruptive technologies

Mid 1990s 1999 2000 2009 2010 2011 2012 2013

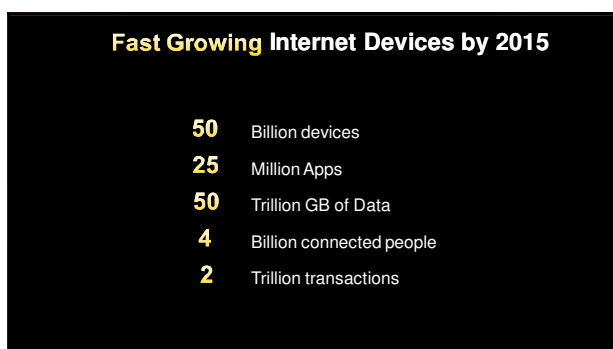
Fast Growing Internet Devices by 2015

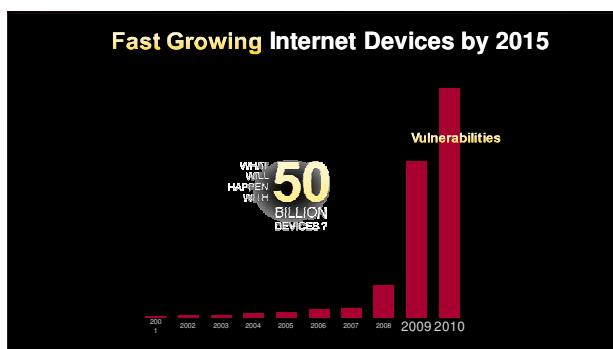


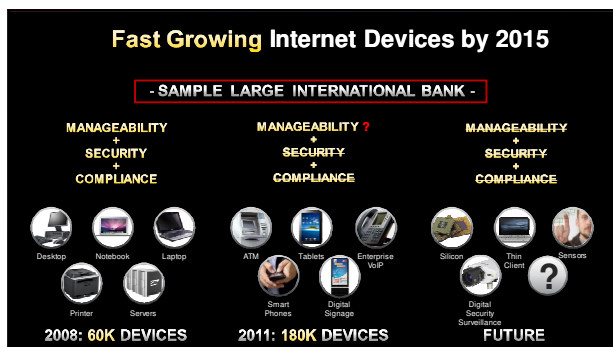
TO 50B DEVICES

FROM 1B













Challenge: Transformation of Mobility



The Old Problem:
Secure Mobile Email

The New Problem:
Secure Enterprise Mobility

Challenge: Transformation of Mobility


How much do you trust the developers of these apps...

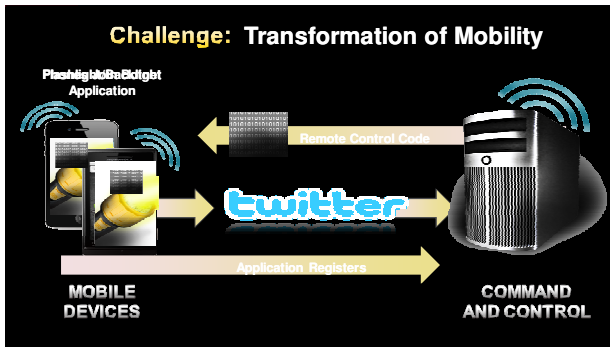


... from these apps???

Challenge: Transformation of Mobility

Mobile Malware Increased 46% in 2010
The New Frontier for FRAUD





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threatpost

New SMS Trojan Targeting Android Users

SC eConference: Securing the cloud

Zeus for Android steals one-time banking passwords

Global Threat Intelligence: GTI

Cloud based intelligence will be key to security





The Security Paradigm Is Changing

- Threat volumes and changing characteristics of attacks
- Mobile computing will change business paradigms
- IP enabled devices are becoming the new cyber target
- Cloud assisted security will be essential