DEVELOPING AN ENTERPRISE MOBILE SECURITY STRATEGY

Benjamin Mah
V-Key Inc
Apple's New iOS Update Blocks Evasion Jailbreak--After It's Been Used About 18 Million Times

After 43 days of jailbreaking frenzy, Apple has closed the cell doors again. The latest 6.1.3 update to iOS released Tuesday includes a patch that prevents the use of the hacking tool evasion, which since early February has become the most

Google Wallet PINs easily stolen from rooted devices

Joshua Rubin, a security engineer with zvelo, disclosed his research into the (in)security of Google Wallet.

Google Wallet is a new near field communication (NFC) electronic wallet that allows customers to pay for everyday purchases by entering a PIN on their Android smartphone and tapping it on a receiver, similar to Mastercard PayPass.

What Rubin discovered is that a lost or stolen Android phone with Google...
Addressing Total Enterprise Mobile Security

- Business to Enterprise – B2E
- Business to Consumer – B2C
- Business to Business – B2B
Key Findings

**END OF 2012**

75% (Device Approach)

Mobile Focused Security Software Agent

**Key Findings**

Complex and Intrusive Agent Based – 3rd Party Installation
Key Findings (Cont’d)

END OF 2012

75% (Device Approach)

Mobile Focused Security Software Agent

Unable to Support Business Consumer Application
Agent Based Software Approach Can’t Scale
Key Findings (Cont’d)

END OF 2012

75% (Device Approach)
Mobile Focused Security Software Agent

Complex Source Code Changes
World of SDKs to integrate back to Legacy Enterprise Systems

Key Findings
Key Findings (Cont’d)

END OF 2012

75% (Device Approach)

Mobile Focused Security
Software Agent

False Sense of Security
APT(s) are still winning the war
Users are uninstalling mobile security software
Key Findings (Cont’d)

END OF 2012

75% (Device Approach)

Mobile Focused Security
Software Agent

Non Compliance Reporting
Lack of Mobile Threat Visibility and Compliance Tracking

Key Findings
Re-Think Enterprise Mobile Security

END OF 2012

75% (Device Approach)

Mobile Focused Security
Software Agent

Next Gen Mobile App Security

100%

Mobile App and Data Focus
(Agentless)
Unify and Simplify Mobile Security

mApp Focus Security Built-In  
Smart and Focus

Agentless and Simple  
Business as Usual

Real Mobile Security  
Detection and Defense In-Depth
Secure Mobile Enterprise

Device Integrity
Ensure security of host operating system
Secure Mobile Enterprise

Application Integrity
Ensure security of mobile application
Core Mobile Data Protection and Policy Center

Dashboard Overview
View all mobile threats at a glance

Mobile Threat Overview
Drill down into the threats / events on each device

Fully Configurable Policies
Decide how each application responds to threats
Enterprise Security Bus Pillars

Consumers
- Scaling to Global Mobile Devices

Extranet
- Advanced Detection and Protection of Mobile App
- Securing M-Commerce
- Cross Platform Secure Messaging
- V-OS Secure Storage
- Secure Messaging & Email
- V-Track Mobile Policy Intelligence
- Threat Analysis and Compliance Reporting

Enterprise
- Mobile Trusted Platform
- V-Guard Mobile App IPS
- Detect & Protect
- Next Gen Mobile Token
- V-TAP Adaptive Token
- V!VA Secure Collaboration
- Fraud Intel
- Mobile Data
- Mobile App Protection
- Authentication
- Mobile Messaging
- Mobile Policy
Questions?