



MOBILE SECURITY

Potential Threats and Solutions

Agenda

June 4, 2013

9:00

Welcome

Emily Cope Burton

Staff Attorney
Division of Marketing Practices, FTC

Opening Remarks

Edith Ramirez

Chairwoman
FTC

9:15

Overview

Steven M. Bellovin

Chief Technologist, FTC

9:25

Panel 1: Understanding Mobile Malware

Panelists will discuss the emergence of mobile malware, including the ways in which malware in the mobile space may differ from malware directed at PCs. Panelists will also discuss how mobile malware spreads, the harms it might cause, and the likelihood that U.S. consumers will encounter mobile malware.

MODERATOR

Emily Cope Burton

Staff Attorney
Division of Marketing Practices, FTC

PANELISTS

Dan Guido
Co-Founder and CEO
Trail of Bits

Omar Khan
Co-CEO
NQ Mobile

Gareth Maclachlan
Chief Operating Officer
AdaptiveMobile

Patrick Traynor
Assistant Professor
College of Computing
Georgia Tech

10:35 Break

10:55 Panel 2: Building Security into Modern Mobile Platforms

Panelists will explore how the various mobile platforms have designed security into their systems to help respond to and mitigate the threats discussed in Panel 1. Panelists will discuss the various security features that mobile platforms have integrated into their operating systems, debate the effectiveness of these security features in hardening their systems against mobile threats, and explore potential security enhancements. Panelists will also discuss the role that app stores can play in reducing the risk of malware, including the benefits and limitations of app review processes and techniques, the challenges posed by multi-app-store environments, and how mobile platforms can respond in the event of a malware outbreak.

MODERATOR

Nithan Sannappa
Staff Attorney
Division of Privacy and Identity Protection, FTC

PANELISTS

Michael Coates
Director of Security Assurance
Mozilla Corporation

William Enck
Assistant Professor
Department of Computer
Science
North Carolina State University

Jane Horvath
Director of Global Privacy
Apple, Inc.

Adrian Ludwig
Android Security
Google, Inc.

Geir Olsen
Principal Program Manager for
Windows Phone Engineering
Microsoft

Adrian Stone
Director of Security Response
Blackberry

12:15 Lunch

1:30 Speaker

Markus Jakobsson
CTO
Fatskunk

1:50 **Panel 3: Extending Security Throughout the Mobile Ecosystem**

This panel will look beyond the mobile platforms to the rest of the mobile ecosystem, examining the role that other mobile service providers play in providing security. Panelists will discuss the concrete steps companies have taken to reduce the risk of introducing security vulnerabilities onto mobile devices, as well as technologies available to enhance mobile security. Panelists will also examine what incentives these providers have to improve security. Finally, panelists will address whether the software on mobile devices should be updated to mitigate security vulnerabilities in the same way and on the same kind of schedule as desktop computers.

MODERATOR

Paul Ohm
Senior Policy Advisor
Office of Policy Planning, FTC

PANELISTS

Alex Gantman
Vice President of Corporate
Product Security
Qualcomm

John Marinho
Vice President, Cybersecurity &
Technology
CTIA

Jon Oberheide
CTO
Duo Security

Alex Rice
Head of Product Security
Facebook

3:00 Break

3:15

Panel 4: Solutions for Consumers to Protect Themselves from Mobile Threats

Panelists will discuss consumers' current behavior with respect to their mobile security and what consumers can and should be doing to protect themselves from mobile threats. Panelists will also discuss new consumer-friendly authentication, tracking, and wiping technologies as well as anti-virus solutions that might help keep consumers safe on their mobile devices.

MODERATOR

Colleen Robbins

Chief of Online Threat Initiatives
Division of Marketing Practices,
FTC

COMMENTATOR

Amina Fazlullah

Policy Counsel
Benton Foundation

PANELISTS

Kayvan Alikhani

CEO
Passban

Jeff Fox

Technology Editor
Consumer Reports

Derek Halliday

Director—Product Management
Lookout

Mikko Hypponen

Chief Research Officer
F-Secure

Markus Jakobsson

CTO
Fatskunk

Terry Shofner

VP Sales America
Yubico

4:40

Closing Remarks

Charles A. Harwood

Acting Director
Bureau of Consumer Protection, FTC



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