

MOBILE DEVICE MANAGEMENT...

KAHOOT.IT

ÖSSZEFOGLALÓ

BIZTONSÁGI
KIHÍVÁSOK

NÉHÁNY PÉLDA

Presented by **Balázs András**

ÖSSZEFOGLALÓ

- BALÁZS ANDRÁS
- KAHOOT
- BIZTONSÁGI KIHÍVÁSOK
- NÉHÁNY PÉLDA

BALÁZS ANDRÁS

BALÁZS ANDRÁS

- APPLICATION SUPPORT ENGINEER
- CUSTOMER SUPPORT MANAGER
- GLOBAL CLIENT SERVICES LEADER
- NETWORK & TELECOM LEADER
- GLOBAL MOBILITY OPS LEADER
- DIRECTOR - DIGITAL OPERATIONS

KIHÍVÁSOK

NÉHÁNY IDÉZET

NÉHÁNY ADAT

NÉHÁNY IDÉZET

"FOR MANY PROFESSIONALS, THE MOBILE PHONE HAS BECOME A MOBILE OFFICE" - MIKE JONES, SYMANTEC

"THERE IS NO QUESTION THAT MOBILE SECURITY WILL EVENTUALLY EQUAL – IF NOT SURPASS – PC SECURITY AS A THREAT TO IT DEPARTMENTS" - DENISE CULVER, HEAVY READING MOBILE NETWORKS INSIDER

"JUST AS CRITICAL AS SECURITY FOR DESKTOPS, SERVERS, AND NETWORKS"
- BEYONDTRUST

NÉHÁNY ADAT

350 000 EMPLOYEES TO SUPPORT

24/7 RENDELKEZÉSRE ÁLLÁS 140+ ORSZÁG SZÁMÁRA

150 000 MOBIL ESZKÖZ

3 MDM RENDSZER

CÉGFELVÁSÁRLÁS, ELADÁS, CÉGFELVÁSÁRLÁS, ELADÁS...

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NÉZZÜNK KÖRÜL, MIT IS TUDUNK A MOBILE
DEVICE MANAGEMENT-RŐL IT SECURITY
SZEMÜVEGEN KERESZTÜL NÉZVE

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BIZTONSÁGI KIHÍVÁSOK

FELHASZNÁLÓ

- ESZKÖZVÁLASZTÉK
- SAJÁT APP-OK
- SAJÁT SZOLGÁLTATÁSOK
- PRIVÁT ADATOK
- MENTÉS/MEGOSZTÁS

IT SECURITY

- LOST/STOLEN DEVICES
- SZELLEMI TULAJDON VÉDELME
- 3RD PARTY APP
- MUNKA/PRIVÁT PROFIL SZEPARÁLÁS
- ENCRYPTION
- ANDROID VS. IPHONE

BYOD

MOBILE DEVICE
MANAGEMENT

BYOD

BYOD// WHAT ABOUT THE WORKERS?

This is what the business thinks



What about the workers?



HORNBILL

BYOD// WHAT ABOUT THE WORKERS?

This is what the business thinks

BUSINESS RELYING MORE ON
PERSONAL DEVICES

56% 
of tablets used in business
are personal devices

66% 
of smartphones used in
business are personal devices

Source: Forrester Research, April 2012

WHY SUPPORT BYOD?

Reason 1
Demand from
employees



Reason 2
Increases efficiency
and productivity

Reason 3
Reduce IT costs



BYOD COULD COST THE BUSINESS

ANNUAL IT COSTS
WILL GROW BY
48% IN 2013 DUE
TO HAVING TO
MANAGE
CONSUMER
DEVICES



Source: Osterman Research, July 2012



What about the workers?



OFFICE WORKERS EXPECT MORE THAN THE IT TEAM CAN CURRENTLY DELIVER

53% OF OFFICE WORKERS SAY IT ISN'T MEETING BUSINESS NEEDS

Younger employees expect more - 60% of 25-34 year olds and 64% of 16-24 year olds say IT isn't keeping pace

+ EFFICIENCIES FROM PERSONAL DEVICES COULD ALL ADD UP +

OFFICE WORKERS SAY THE USE OF PERSONAL DEVICES WOULD SAVE 2 HOURS A MONTH OF PRODUCTIVITY

Across the UK workforce, this translates to a £2 billion productivity loss, enough to run the NHS for a week or pay for two-thirds of the Northern Rock bailout.

WORKERS ARE USING THEIR DEVICES REGARDLESS OF IT WISHES!



40% of workers will use personal devices to improve productivity without registering them with IT

48% of 25-34 year olds and 49% of 16-24 year olds use their own devices: IT needs to keep track of the younger generations

WORKERS EXPECT I.T. SUPPORT, EVEN IF BUSINESS USE IS MINIMAL



When should IT support personal devices?

Statistics taken from: TNS Omnibus survey of 1,457 office workers in Great Britain aged 16-64, 29/05/2012 to 14/06/2012

MOBILE DEVICE MANAGEMENT

Security for the Mobile First Era
Mobile Operating Systems are inherently less secure

Benefits of Unified Operating Systems

- Unified OS
- Unified Security
- Unified Management
- Unified Support

Threat Vectors on Mobile are Different From PC

- Malware
- Phishing
- Malicious Apps
- Malicious Websites
- Malicious Networks
- Malicious Users

Countermeasures to Reduce Data Loss/Prevention (DLP) on Mobile

- Mobile Device Management (MDM)
- Mobile Application Management (MAM)
- Mobile Security
- Mobile Threat Detection (MTD)
- Mobile Security Solutions

Regulatory Compliance

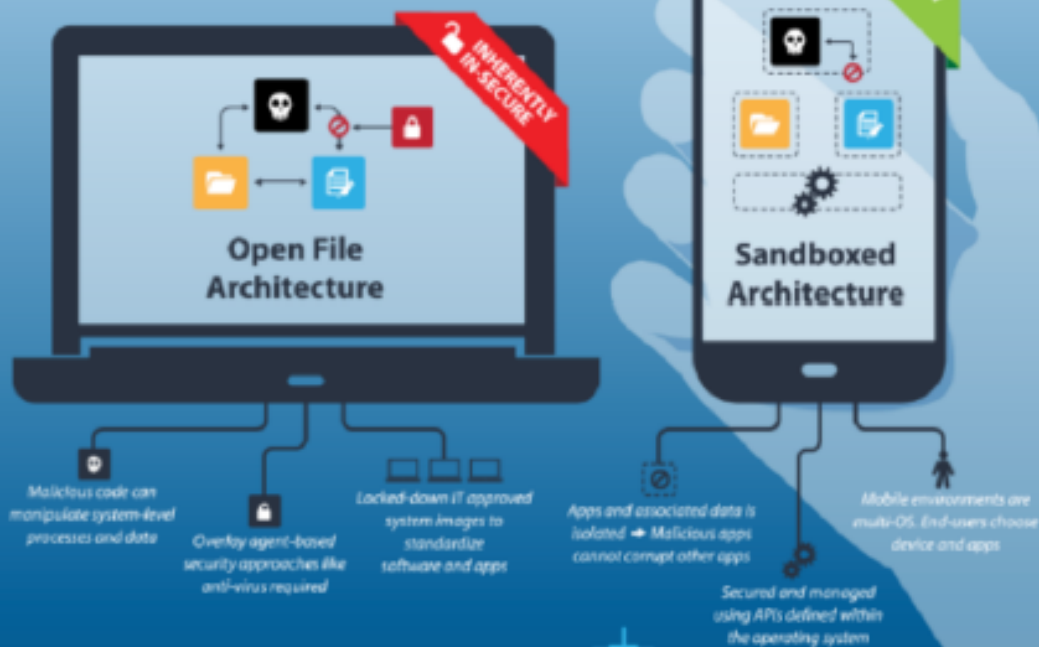
- GDPR
- CCPA
- SOX
- PCI DSS

McAfee



Security for the Mobile First Era

Mobile Operating Systems are Inherently Secure



Benefits of Sandboxed Operating Systems

security approaches like
anti-virus required

software and apps

cannot corrupt other apps

Secured and managed
using APIs defined within
the operating system



Standardized system-level
management APIs



Simple, stable
deployments



Sandboxed applications



Enhanced
end-point security



Intuitive user experience
and self-service model

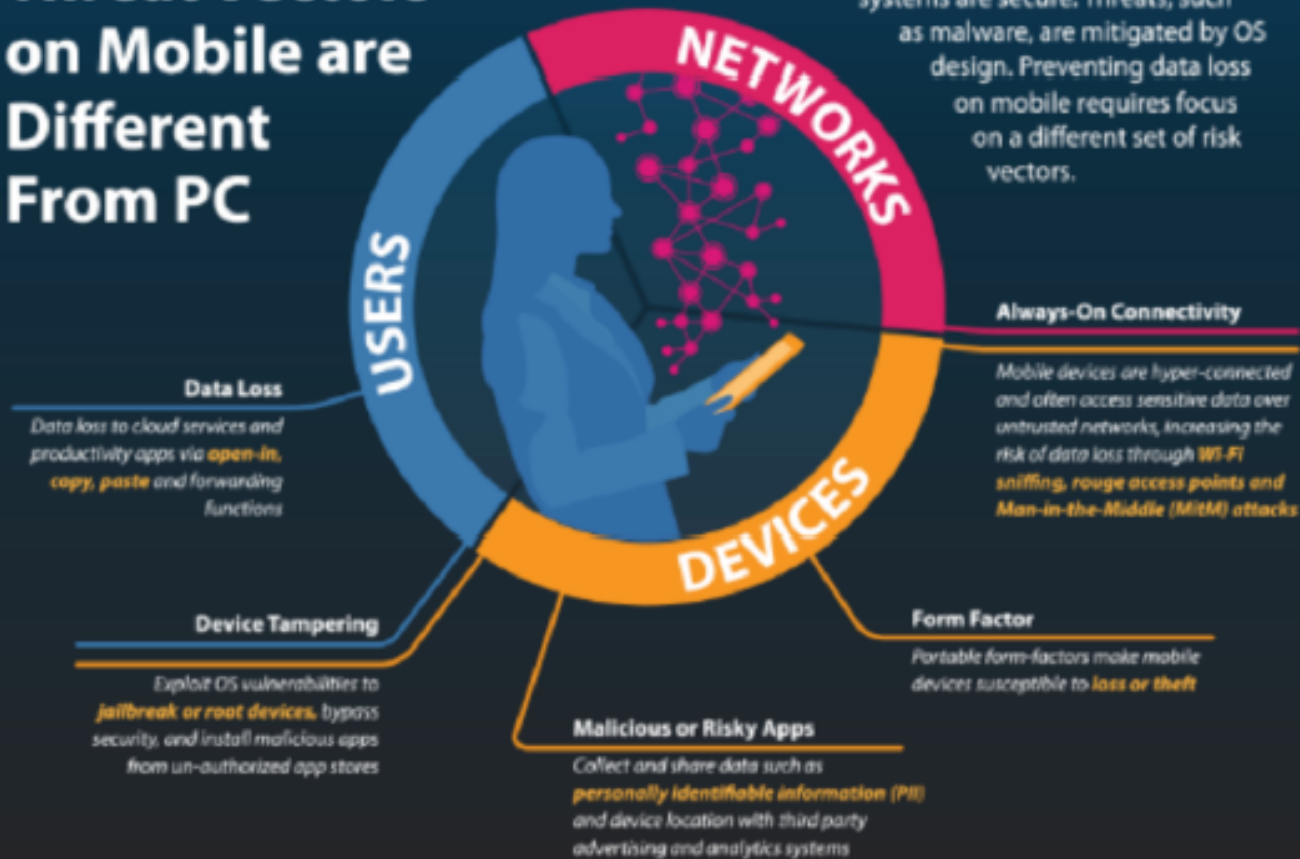


Empowered
end-users



Threat Vectors on Mobile are Different From PC

Sandboxed mobile operating systems are secure. Threats, such as malware, are mitigated by OS design. Preventing data loss on mobile requires focus on a different set of risk vectors.



Countermeasures to Enforce Data Loss Prevention (DLP) on Mobile

Agent-based security solutions such as anti-virus software rely on controlling all processes on a system. This approach breaks in sandboxed environments as one process cannot control other aspects of the system. To secure mobile, IT has to replace traditional PC management tools with purpose-built **enterprise mobility management (EMM) Platforms**, designed to enable end-user productivity while securing apps, content and devices.



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