Is mobile security a Problem?
TC Mobile & MobileIron, CSTSE19
the new world...

By 2021, 40% of corporate data traffic will bypass perimeter security and flow directly from mobile devices to the cloud.
IS MOBILE SECURITY A PROBLEM?

- 89% Rely on just a single security strategy
- 51% Use public Wi-Fi and don’t have a policy
- 62% Lack of user understanding is a barrier
VULNERABILITIES ARE MORE NUMEROUS & SEVERE

Common Vulnerabilities and Exposures (CVEs) for Apple iOS & Google Android

CVE by severity level using Common Vulnerability Scoring System (CVSS)

Weighted Average CVSS Score: 7.4
RECENT VULNERABILITIES AND MALWARE

**Device Exploits**
- Cryosaur
- BroadPwn
- Spectre
- Meltdown
- LiberiOS

**Network Attacks**
- KRACK
- BlueBorne

**Malicious Apps**
- BankBot
- Copy Cat
- False Guide
- Chef Judy
- Dirty Cow
- Fake Snapchat
- Fake WhatsApp
LIVE DEMO by MobileIron
RECOMMEND A LAYERED SECURITY STRATEGY

Known
Empower users with secure access

Unknown
Block external hackers

Protection
Operations, data and reputation

UEM + MTD = Protection

ERLEBEN, WAS VERBINDET.
DIFFERENTIATORS

1 App
No User action required
Zero-day
On-device
IMAGINE IF YOU COULD

- **Reduce the risk** of company & customer data loss
- **Gain visibility** into malicious threats on mobile devices
- **Respond** to compliance and regulatory security guidelines
- Keep mobile workers **productive**