



PocketPC.ch

Windows Phone, Android, iOS und Blackberry

Trends, BYOD, Sicherheit, Mobile Device Management

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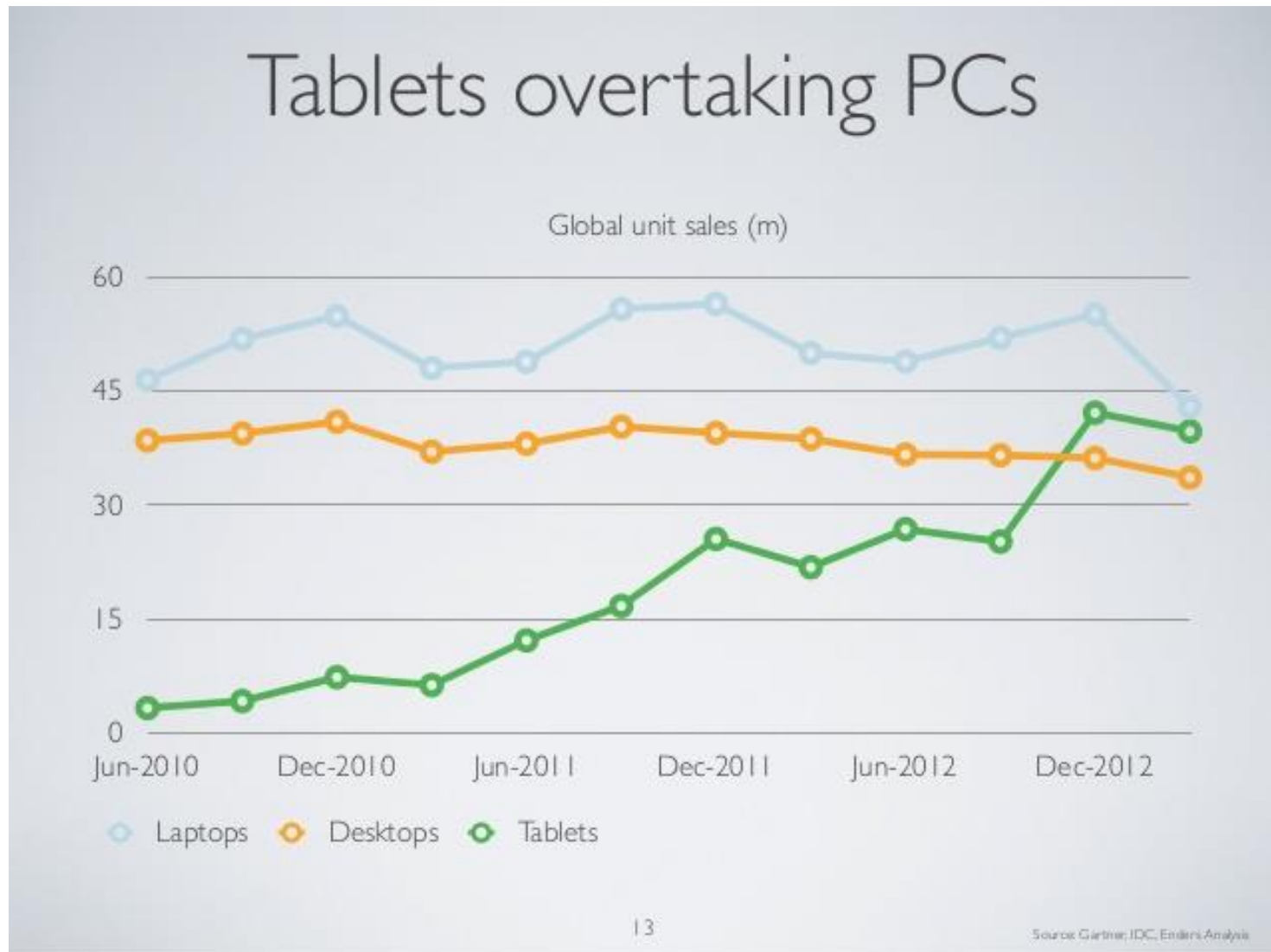
Microsoft MVP Windows Phone 2004-2012

Mobile Security Consultant bei Swisscom (Schweiz) AG

Agenda

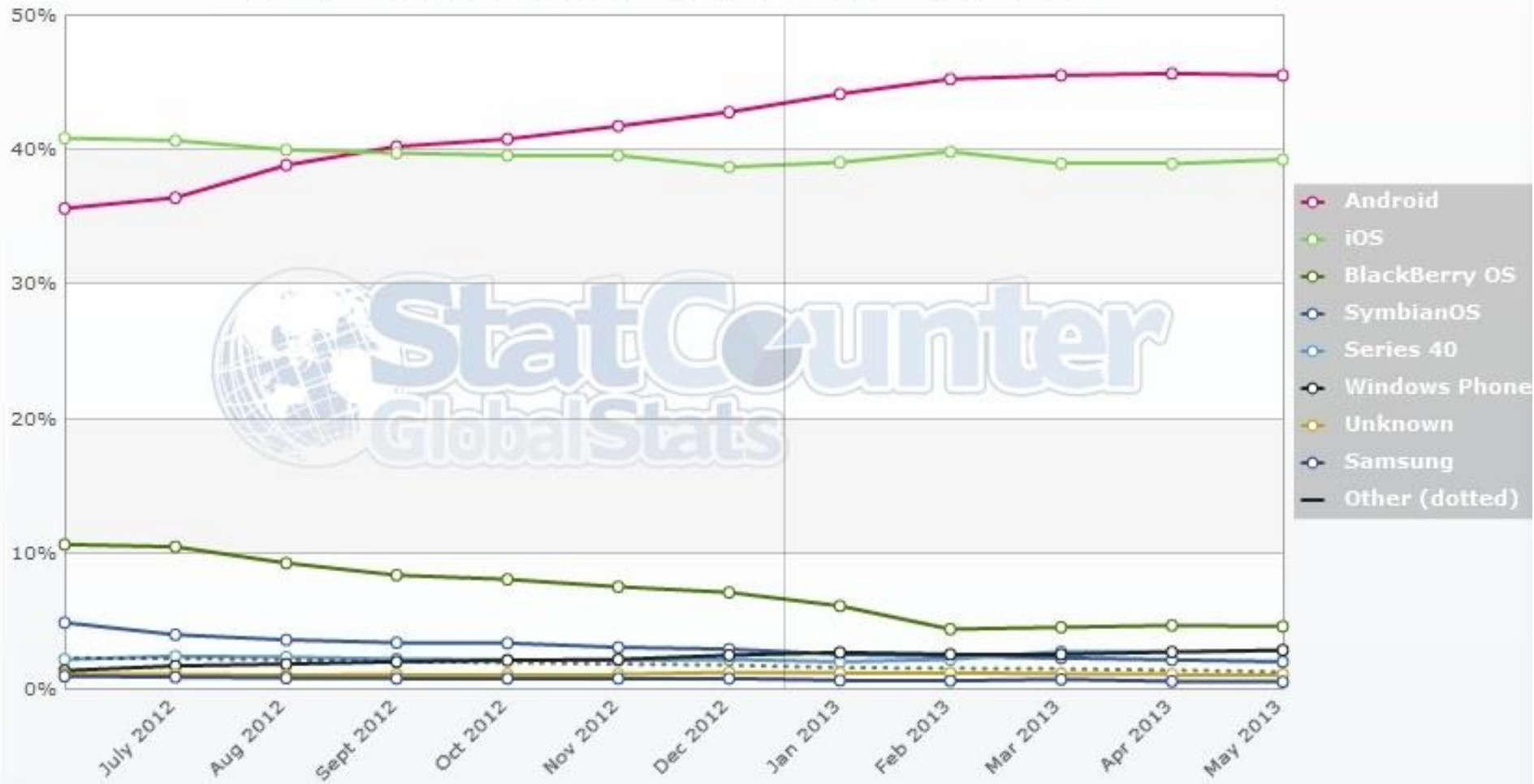
- Trends Mobile
- Mobile Security Crash Update
- Die mobile Welt in den Griff bekommen
- Windows Phone – wie weiter?

Tablets versus PC Verkäufe (World)



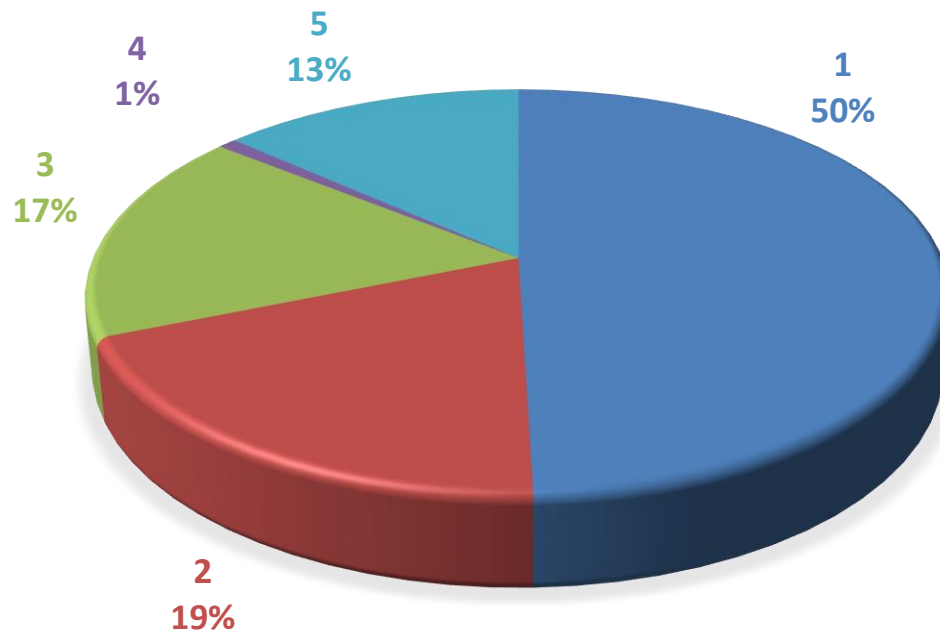
Statistik: Europa

StatCounter Global Stats
 Top 8 Mobile Operating Systems in Europe from June 2012 to May 2013



Devices Forecast Gartner Weltweit

2017 Alle Device Typen
(Nicht nur mobile)



<http://www.youtube.com/watch?v=wOryfTLTc1o>

Top Mobile Trends

- NFC (Bsp. Mobile Payment)
- Health
- School
- Social
- Cloud
- Security
- 4G -LTE

Mobile World Congress 2013

What Does The Future Hold?



The diagram illustrates the future of mobile computing and IoT, centered around a hub of devices including a smartphone, a tablet, and a smartwatch. Dotted lines connect this central hub to various application categories:

- Gaming & toys:** A quadcopter drone.
- Sport & Lifestyle:** A smartwatch and a smartphone displaying a fitness app.
- Smart metering:** A circular smart meter displaying the number 74.
- Healthcare:** A laptop and a smartphone connected to a medical device.
- Security:** A black dome-shaped webcam.
- Consumer goods:** A modern refrigerator with a built-in display.
- Recreation:** A television and a smartphone displaying a game.
- Mobile payments:** A hand holding a smartphone over a payment terminal.
- Personal devices:** A smartwatch displaying weather and time information.

The Architecture for the Digital World® **ARM**

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SRF 10 vor 10

NSA Fall und Mobile Security

<http://www.srf.ch/player/tv/10vor10/video/uncle-sam-hoert-mit?id=29af322f-7fdd-4997-8774-7596aac2760c>

Auszug Apple Root Zertifikatsstore

Certificate:

Data:

Version: 3 (0x2)

Serial Number: 4 (0x4)

Signature Algorithm: sha1WithRSAEncryption

Issuer: C=US, O=U.S. Government, OU=DoD, OU=PKI, CN=DoD CLASS 3

Root CA

Validity

Not Before: May 19 13:13:00 2000 GMT

Not After : May 14 13:13:00 2020 GMT

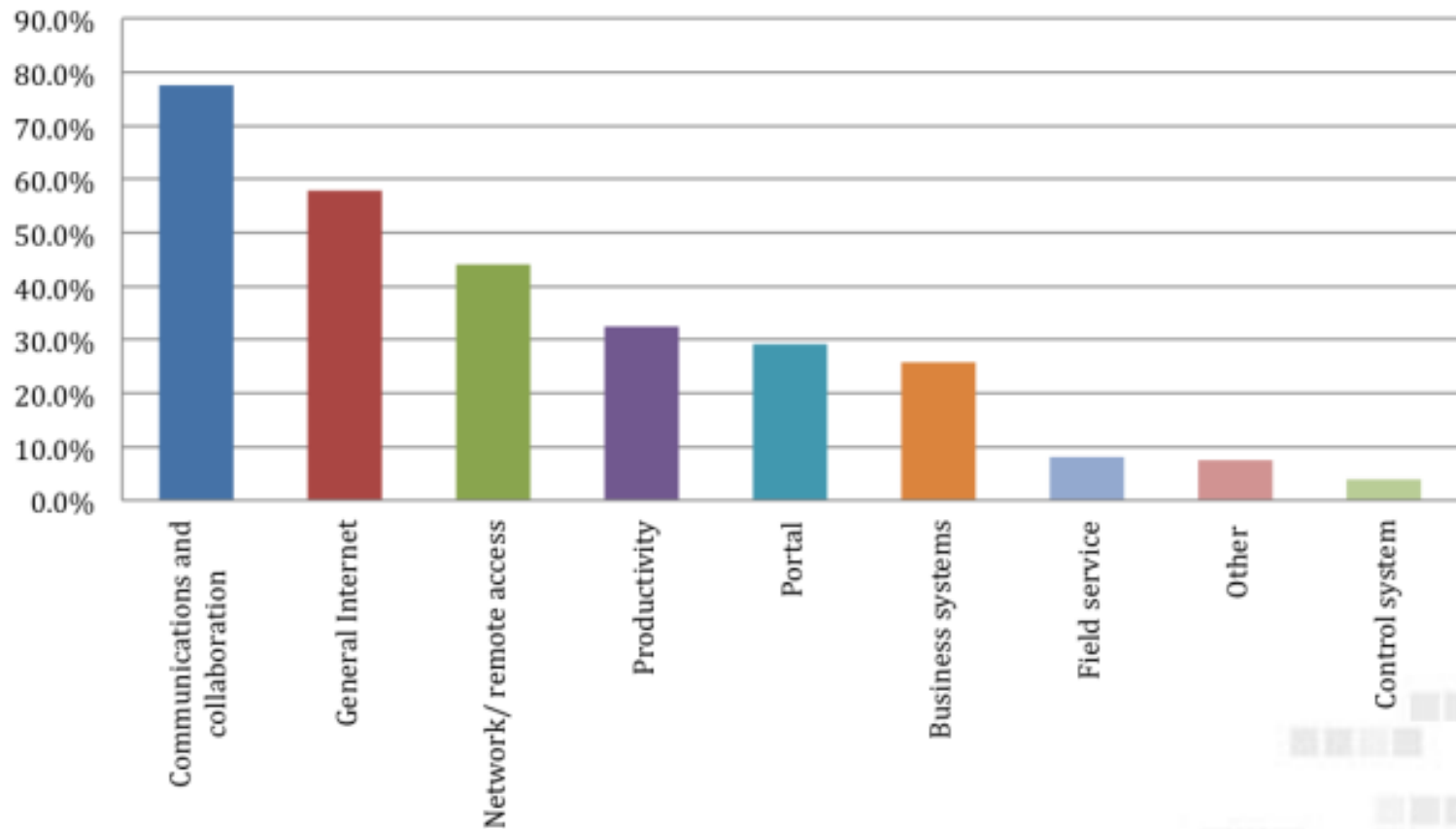
Subject: C=US, O=U.S. Government, OU=DoD, OU=PKI, CN=DoD CLASS 3

Root CA

From <<http://support.apple.com/kb/ht5012>>

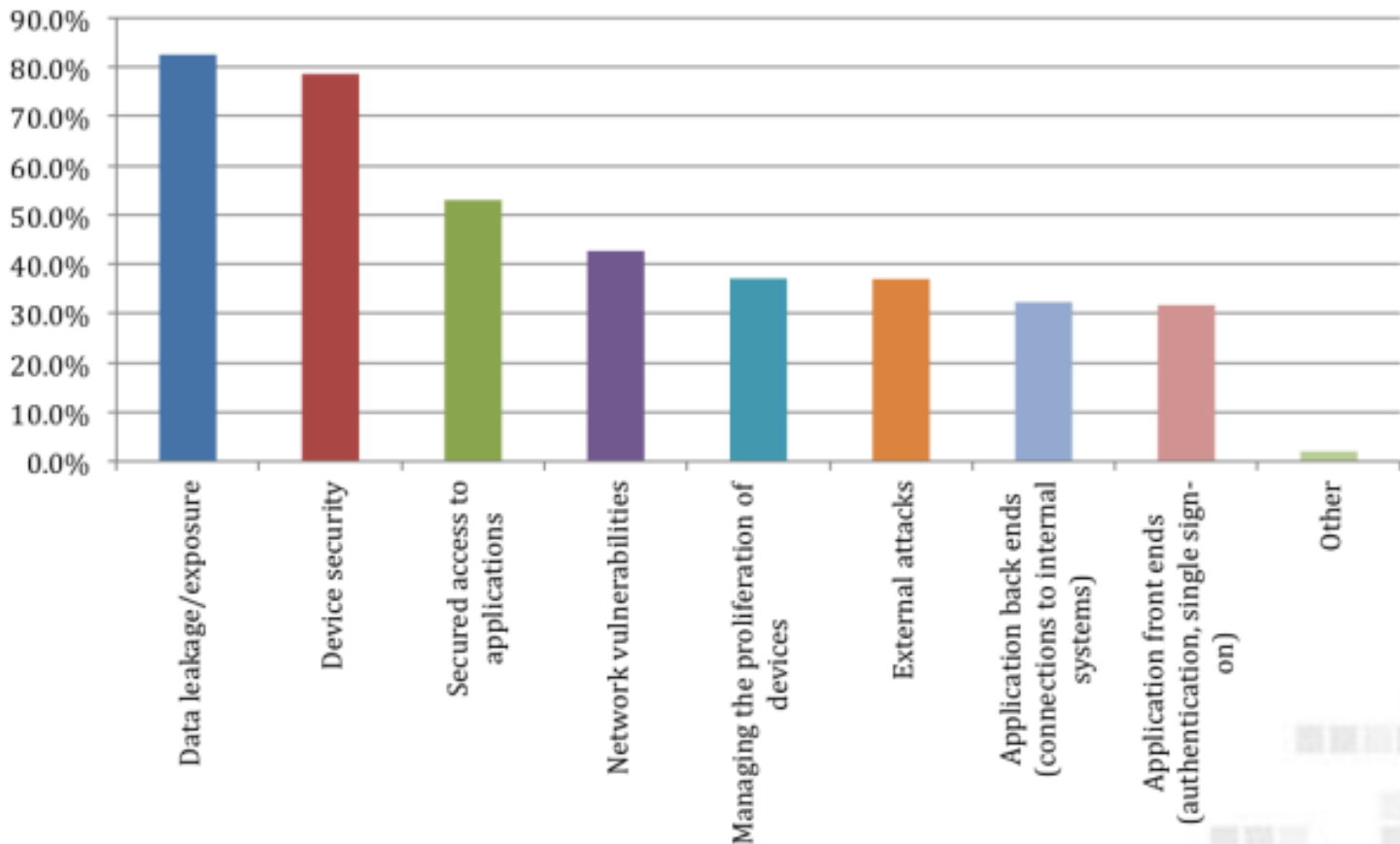
SANS Mobile Umfrage (900 Teilnehmer)

Category of business apps



SANS Mobile Umfrage (900 Teilnehmer)

Biggest concerns on mobile apps



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BlackBerry Balance & Samsung KNOX



Windows Phone und iOS

Application platform helps to protect corporate data

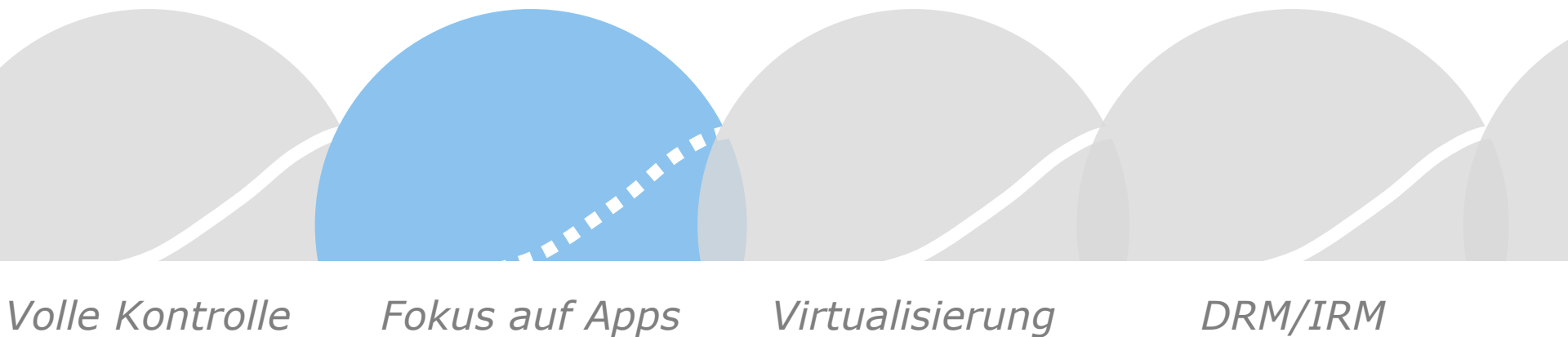
Chamber security model for operating system services, in-box apps, and Windows Phone Store apps

Chamber sandboxing and storage isolation

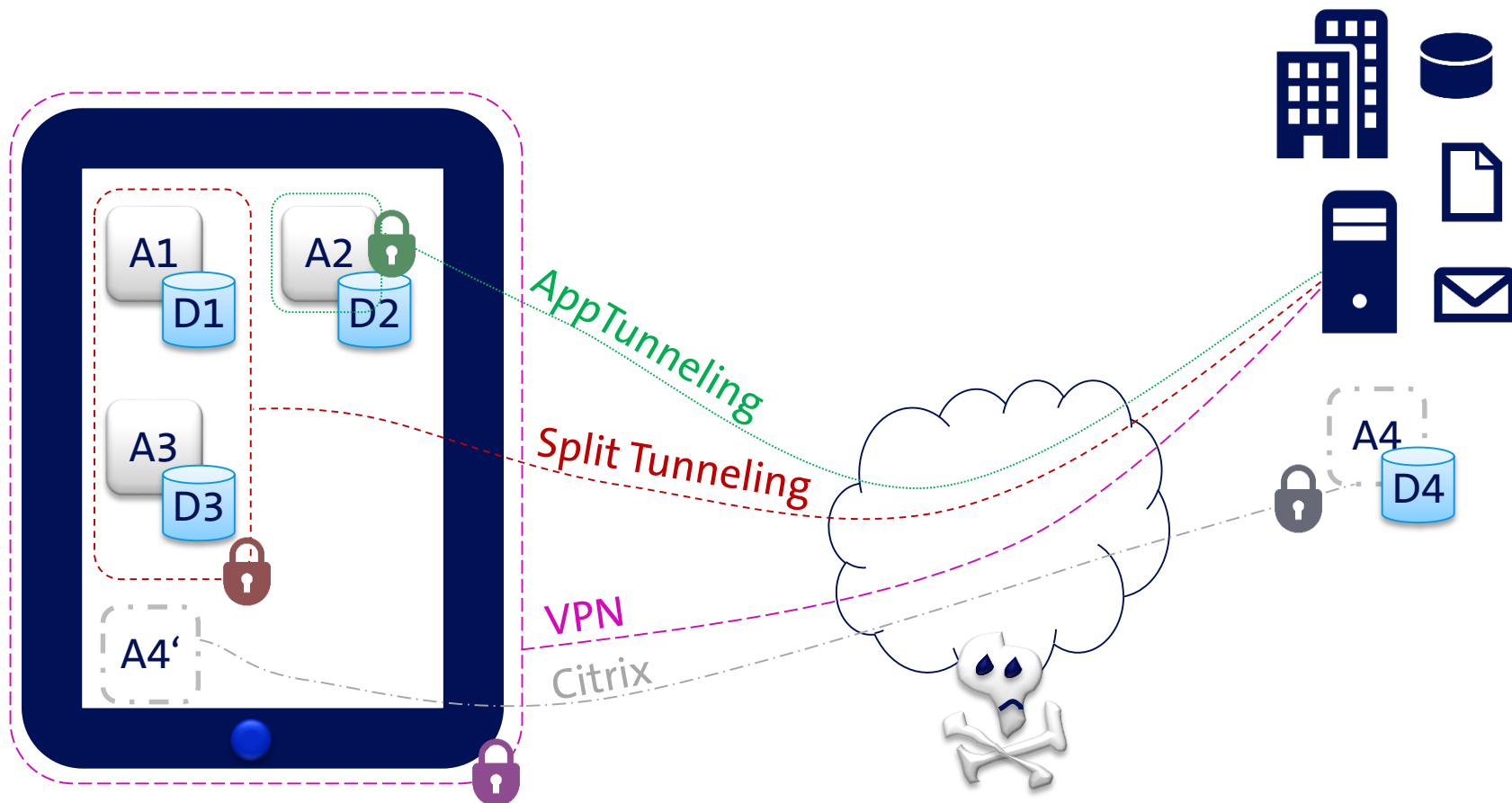
Apps in Windows Phone Store are certified and also scanned for malware



High-Level Trend beim Management von mobilen Devices



Access Möglichkeiten



 Application
 Data

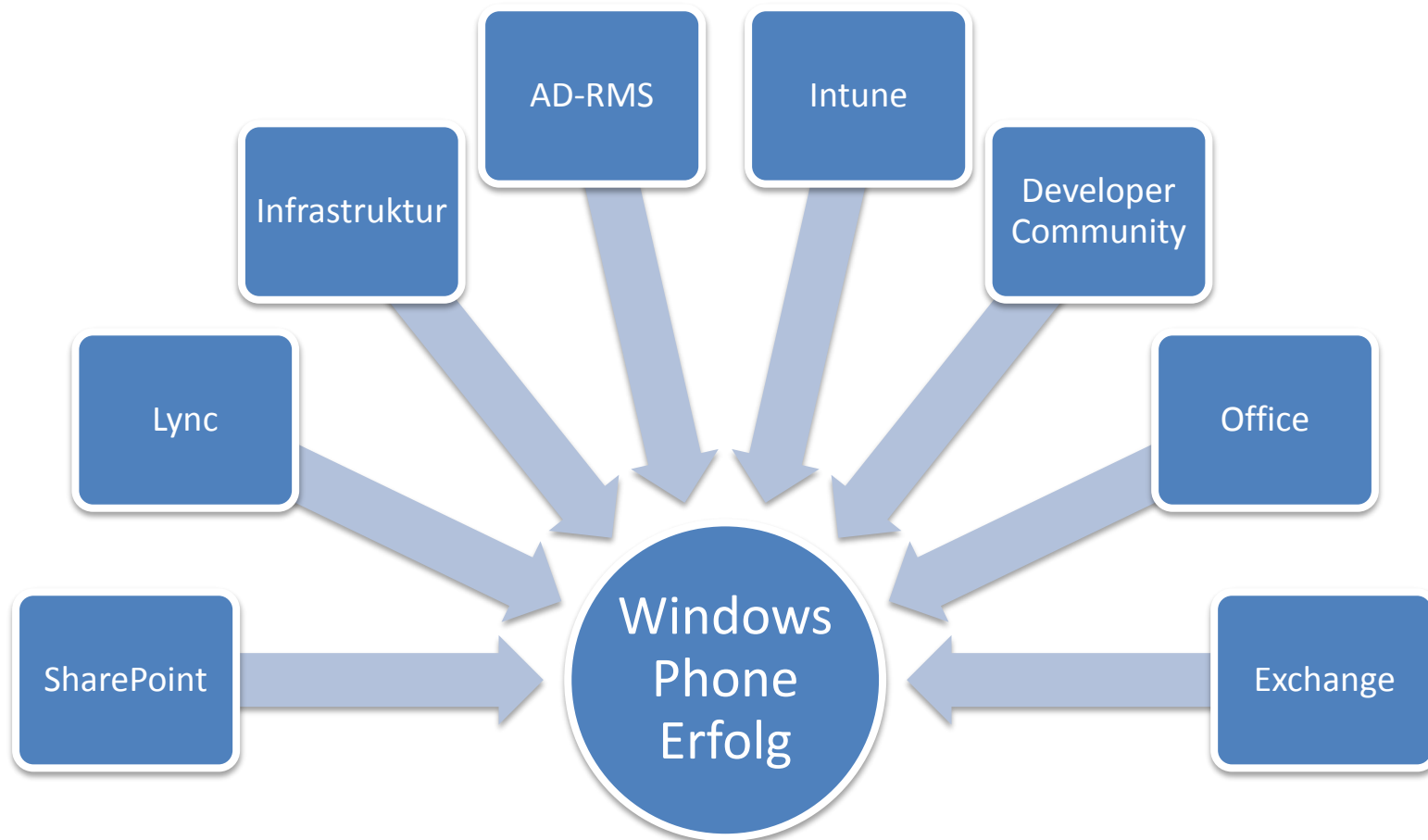
Mobile Security Framework



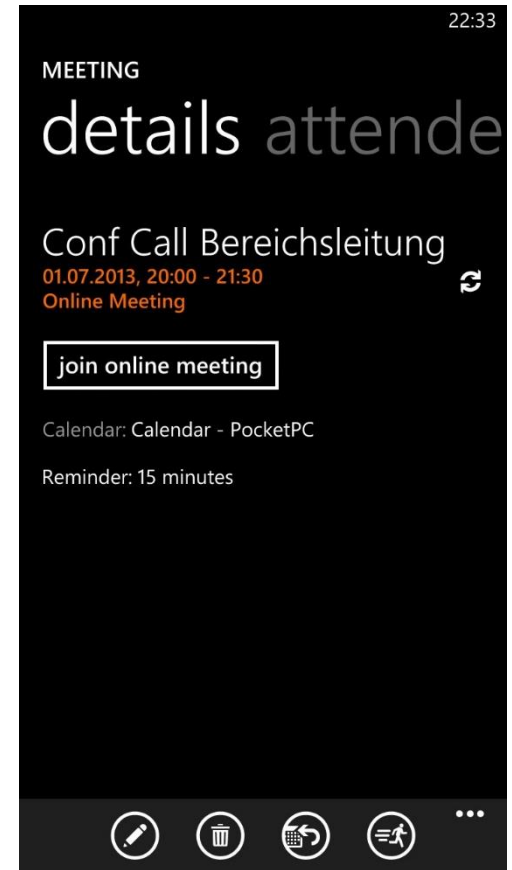
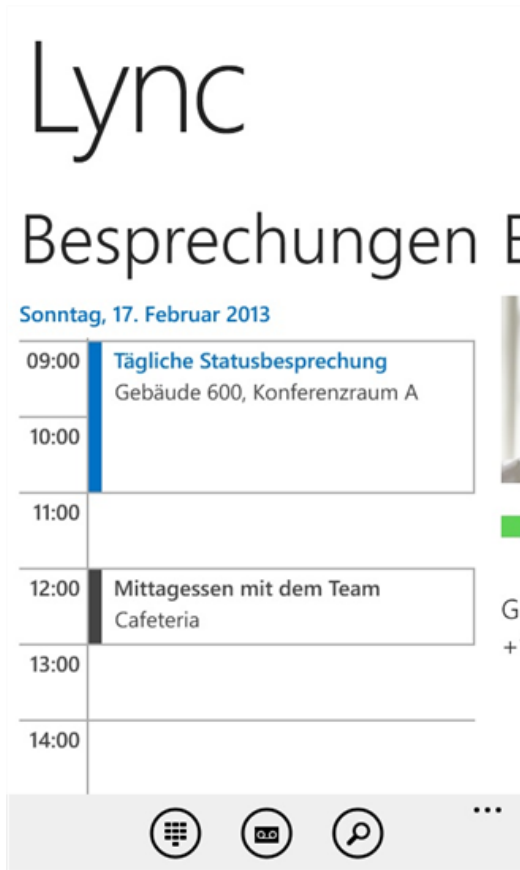
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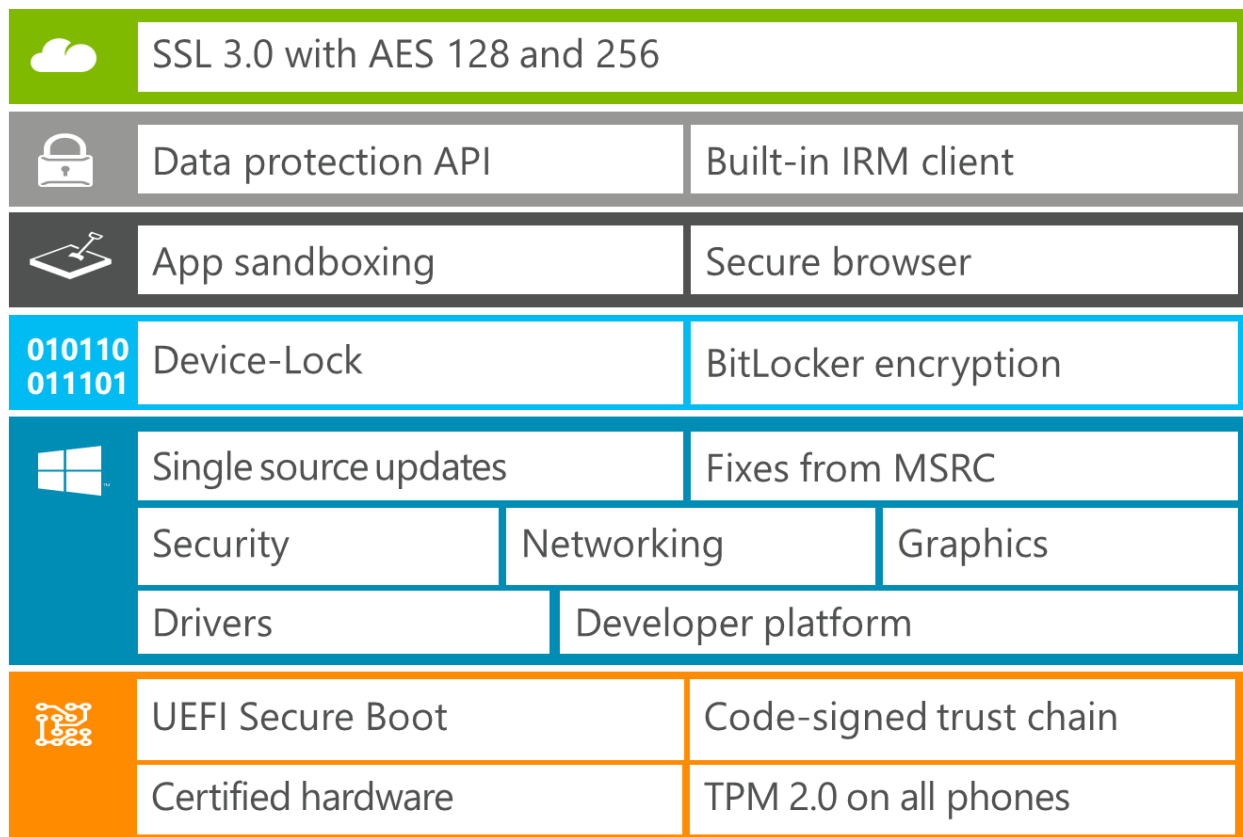
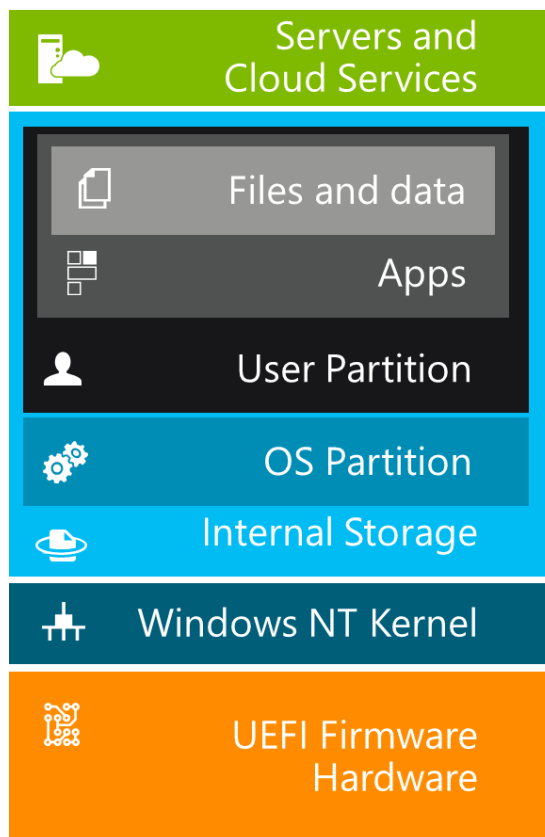
Erfolgsfaktoren & Zukunftsblick



Lync 2013



Windows Phone 8 Security



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Conclusion aus Benutzer Sicht

- Mobile First hält Einzug
- iOS & Android führend, WP nimmt stetig zu
- Mobile als Zentrale unseres Lebens
 - Spannende Erweiterungen
- Datenschutz in meinem Ökosystem



Conclusion aus Business Sicht

- Mobile First hält Einzug
- Sicherheit ist weiterhin ein Challenge
 - Verbesserung durch klare Strategie & Architektur
 - Fokussieren auf Datensicherheit statt MDM
- Microsoft optimiert ihr Ökosystem
 - Starkes Sicherheitskonzept



Viel Vergnügen beim Know-how sammeln

(Fragen gerne auch beim Swisscom Stand)