Strategic Architect Forum 2015
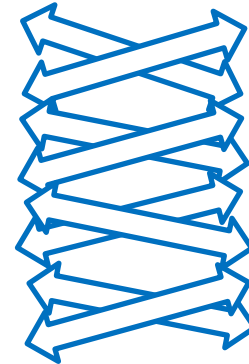
January 27th–28th, 2015 • Bellevue, WA – Westin

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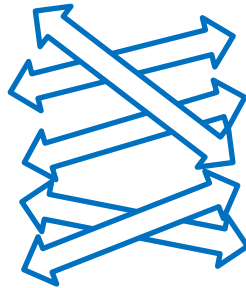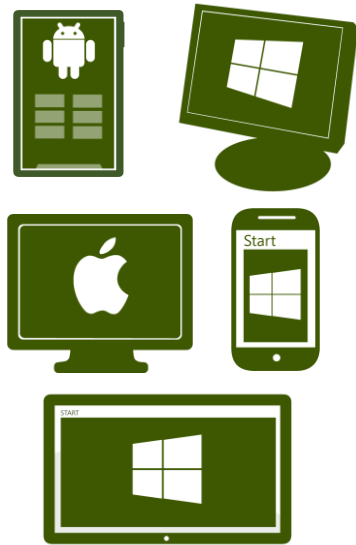# security and identity in a mobile and cloud first world

beat schwegler

beatsch@microsoft.com
http://cloudbeatsch.com
@cloudbeatsch

Microsoft

the perimeter is gone

expectations & requirements

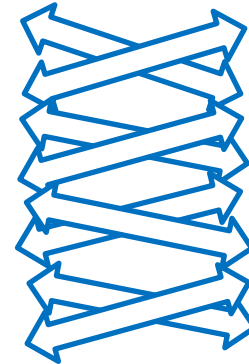| users	devices	apps	data
• access to resources from any location • single sign-on	• bring your own device • ability to manage devices • secure/erase assets	• bring your own app • self-service experience • on/offline capabilities	• secure assets • maintain compliance • detect intrusions

expectations & requirements and the threats

users

- access to resources from any location
- single sign-on
- social engineering
- identity theft

devices

- bring your own device
- ability to manage devices
- secure/erase assets
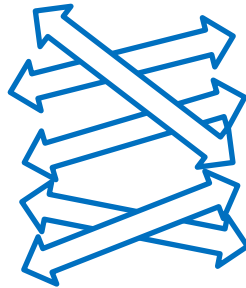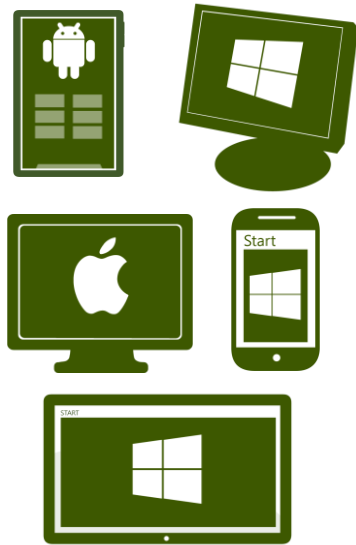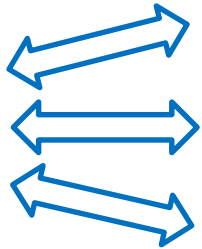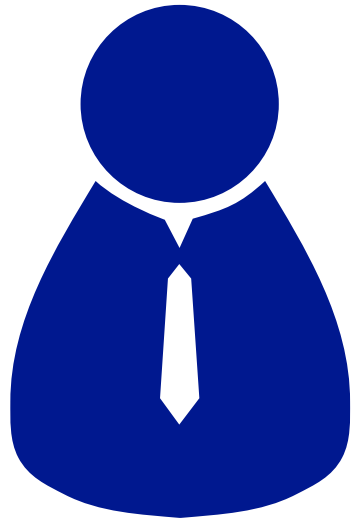- stolen/lost devices
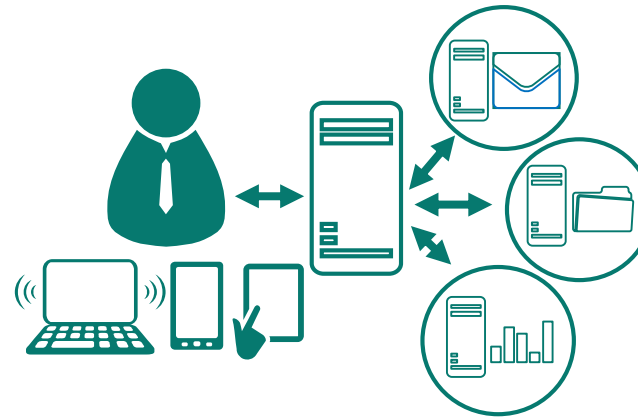- device vulnerabilities

apps

- bring your own app
- self-service experience
- on/offline capabilities
- api quality and security
- wifi (man in the middle)

data

- secure assets
- maintain compliance
- detect intrusions
- brute force & injections
- physical intrusions

a way to think about this

unify identity

- **centralize identity** across on-premises and cloud
- **federate identity** to share and collaborate with external users and businesses
- enable **single sign-on**
- use **multi factor authentication**

manage and secure devices

- provide **self-service experiences**
- **encrypt app data**
- apply **security policies to devices**
- **wipe data** from unsecure/stolen devices

protect data

- enforce **strong authentication**
- apply **conditional access controls**
- ensure compliance with **governance, attestation and reporting**
- secure **API's** and **control access**
- put **key management** in place

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