



# The best defense: Adaptive Trust

“Protection for inside the network”

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South East Asia and Taiwan



# Leading brands trust us

## Technology



## Social & New Media



## Finance



## Media & Ent,



## Higher Education



## Government



## Healthcare



## Retail



## Primary Education



## Public Transit



## Public Venues



## Services



## Oil & Gas



## Manufacturing



## Hospitality



## Telecom



# Leader in Network Access Control

## 2013 – 2014 Gartner NAC Magic Quadrant



Strong growth and ability to win large opportunities

- Streamlined onboarding of personal devices
- Highly customizable guest application
- Unique support of Bonjour capable devices
- Detailed diagnostic and visibility features

# Agenda

- Mobility and the evolving perimeter
- Threat Intelligence findings that can affect your network
- Introduction to Adaptive Trust Defense
- Policy Management overview
- Q&A



# Is the traditional perimeter enough?

- Mobile devices have changed the game



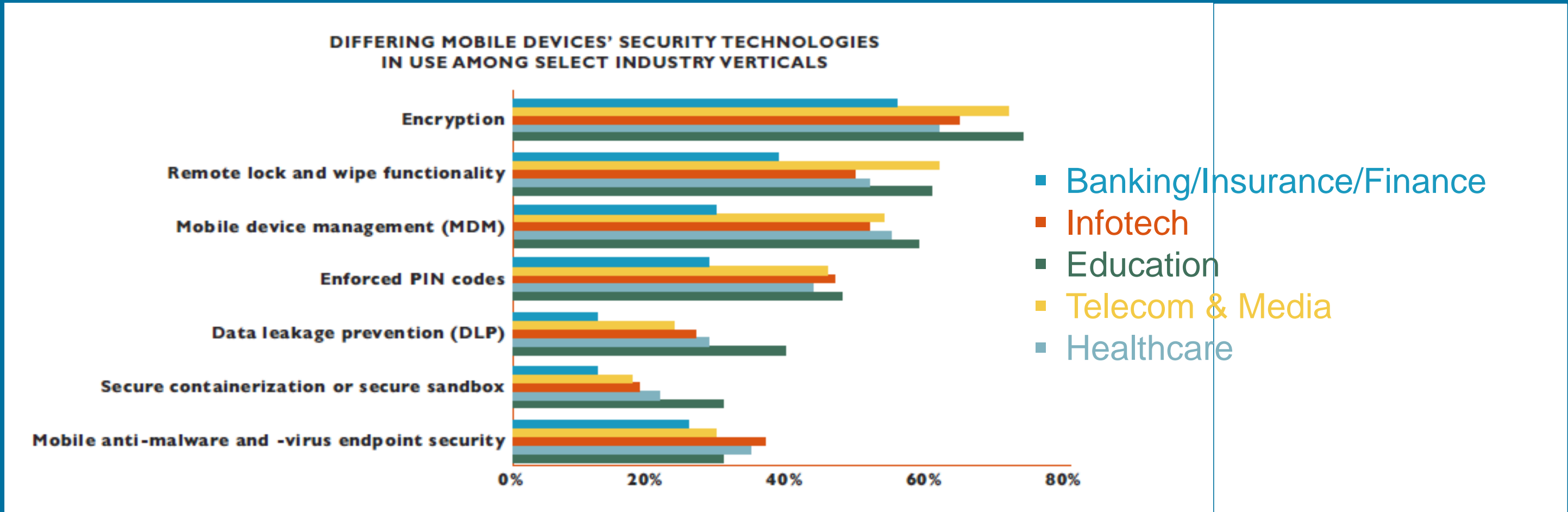
# User Behavior and the Shifting Perimeter

- 30% of users lost data on mobile
- Younger users are less responsible
- 60% of users share devices



\* Aruba 2015 "Running the Risk" report

# Are All Verticals the Same?

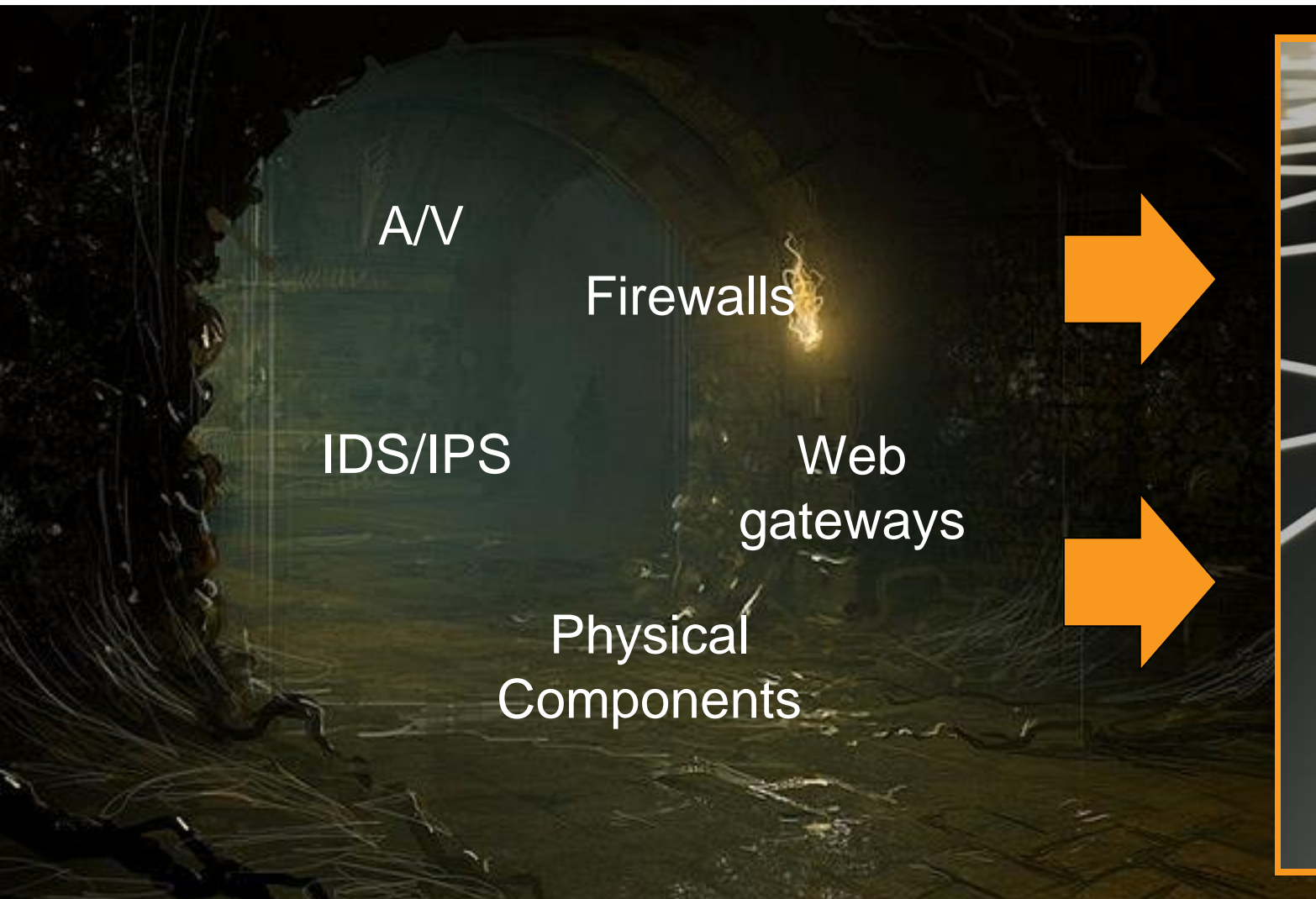


Global Information Security Workforce Survey  
Frost & Sullivan



# Time for a New Mobility Defense Model

Static Perimeter Defense



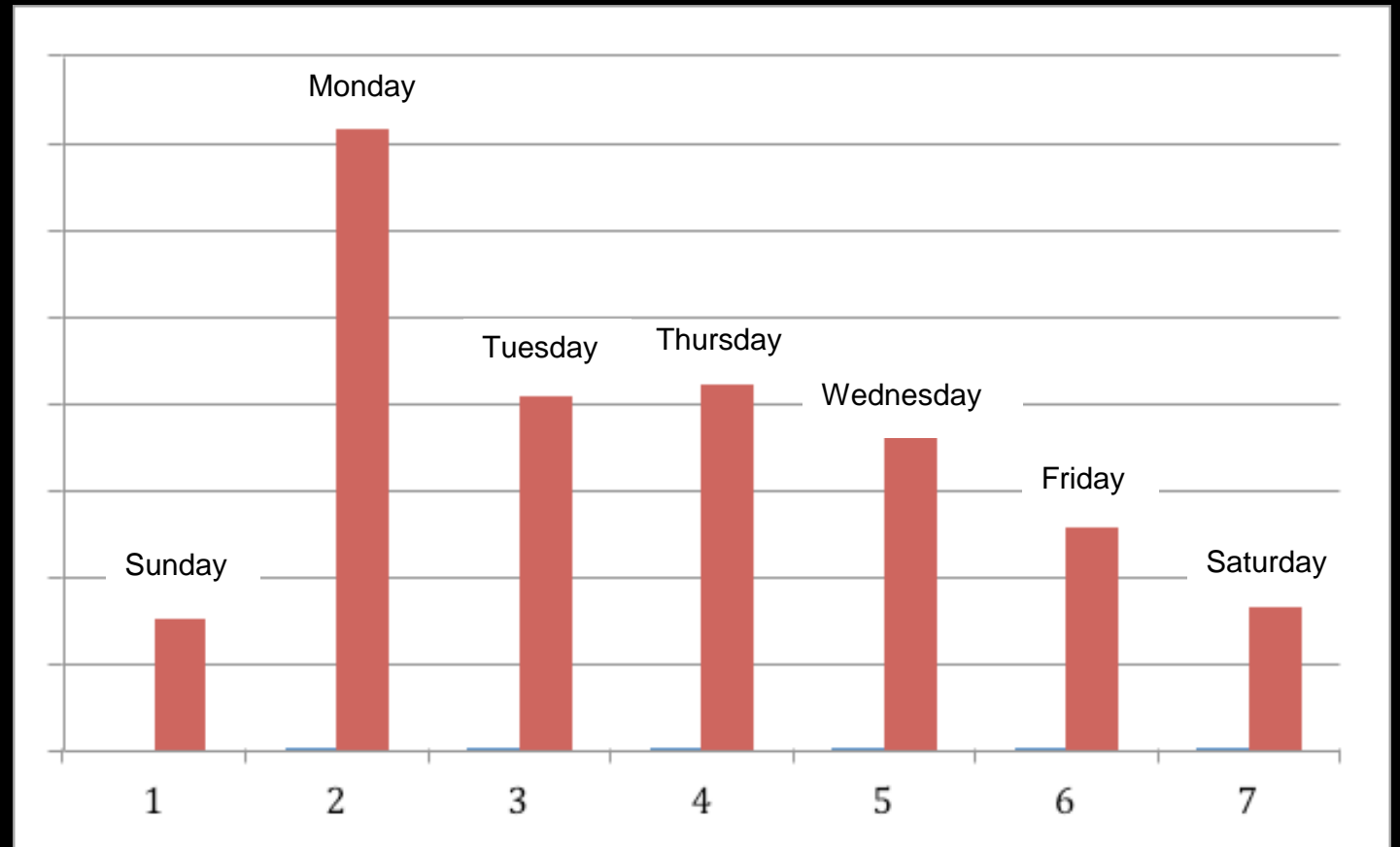
Adaptive Trust Defense





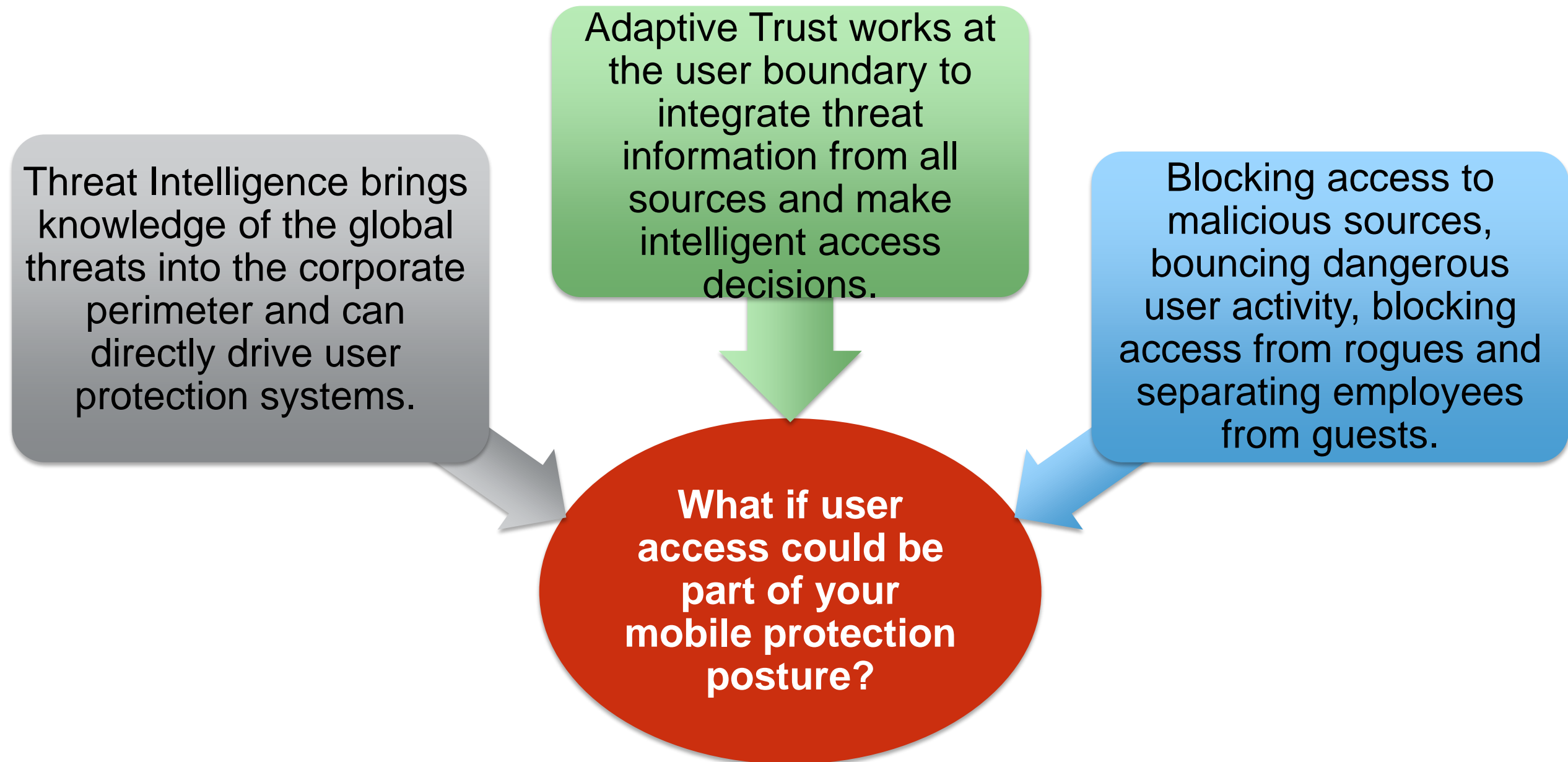
# The Internet is not the perimeter

- Threats are rapidly increasing
- Targets are mobile users
  - inside/outside of enterprise security defenses
- Weekends are worse
  - out of the office and exposed to a variety of threats - drive-by, waterhole attacks, free mobile apps



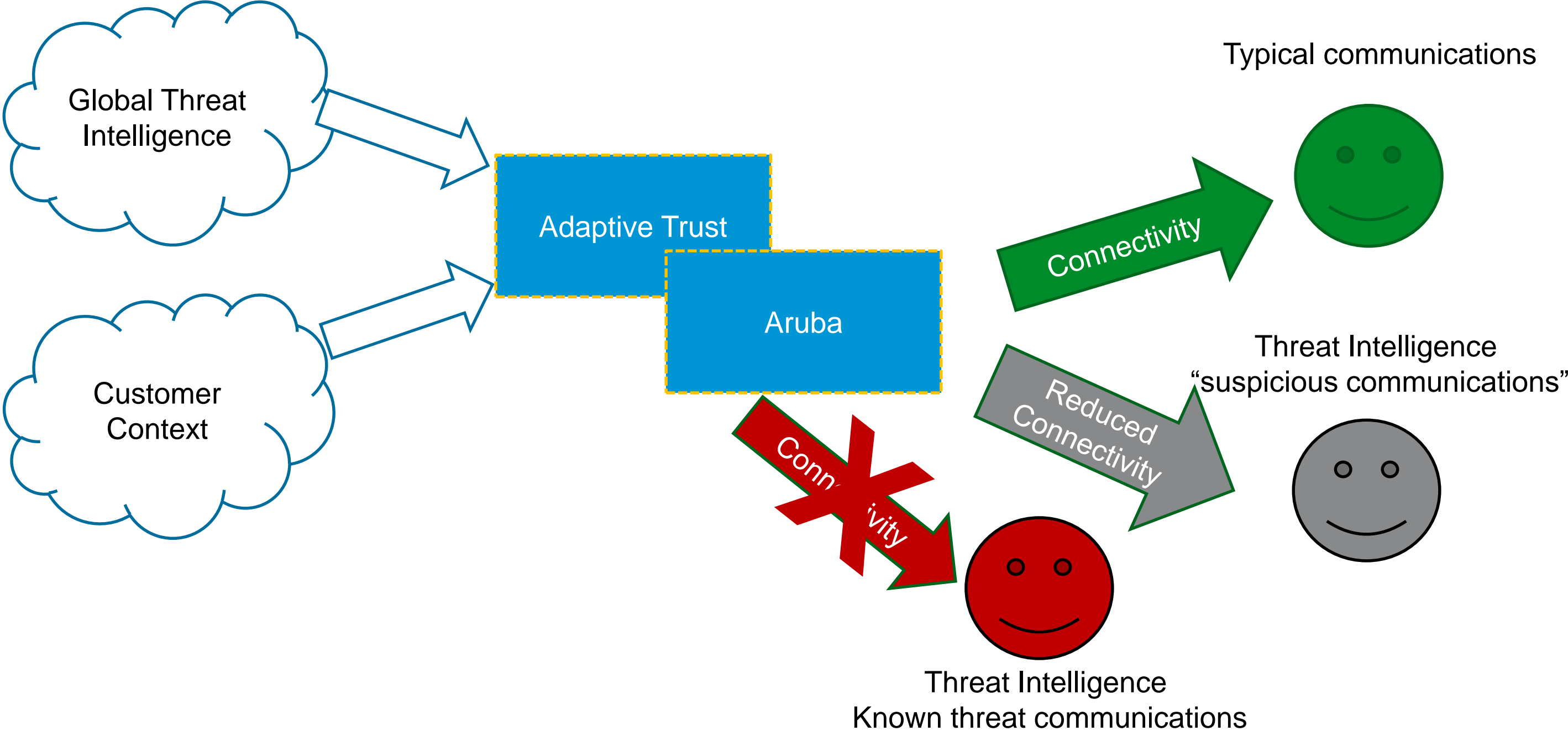
Enterprise Vulnerability Notification by day - NTTi³

# Threat Intelligence and Adaptive Trust





# Adaptive Trust in Action



# Intelligence vs Actionable Intelligence






# A Changing Security Perimeter

A large yellow key is inserted into a circular opening in a golden, brick-like castle wall. The key is positioned horizontally, with its head in the wall and its shaft extending to the right. The castle wall has a crenelated top and small rectangular openings. The background is white.

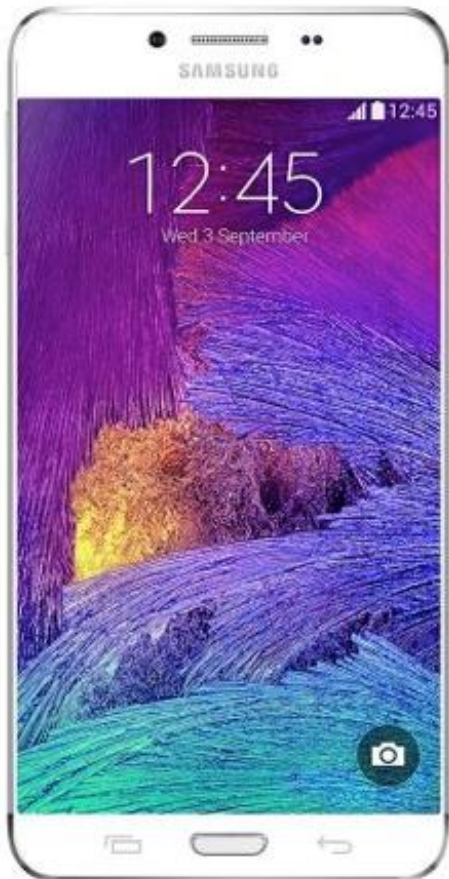
Legacy security focused  
on a fixed perimeter

A group of five business professionals (three men and two women) are gathered around a smartphone. They are all smiling and looking at the screen. The woman in the center is holding the phone. They are dressed in business attire. The background is a blurred office setting.

GenMobile dilutes the notion  
of a fixed perimeter

# Legacy Perimeter Defense Model

## Protection Deployed in Silos



### MDM

- Cellular policies
- **Device controls**
- IT access required

**X** No network context

### Network Access

- User auth
- **Network controls**
- Little network policy

**X** No device / location context

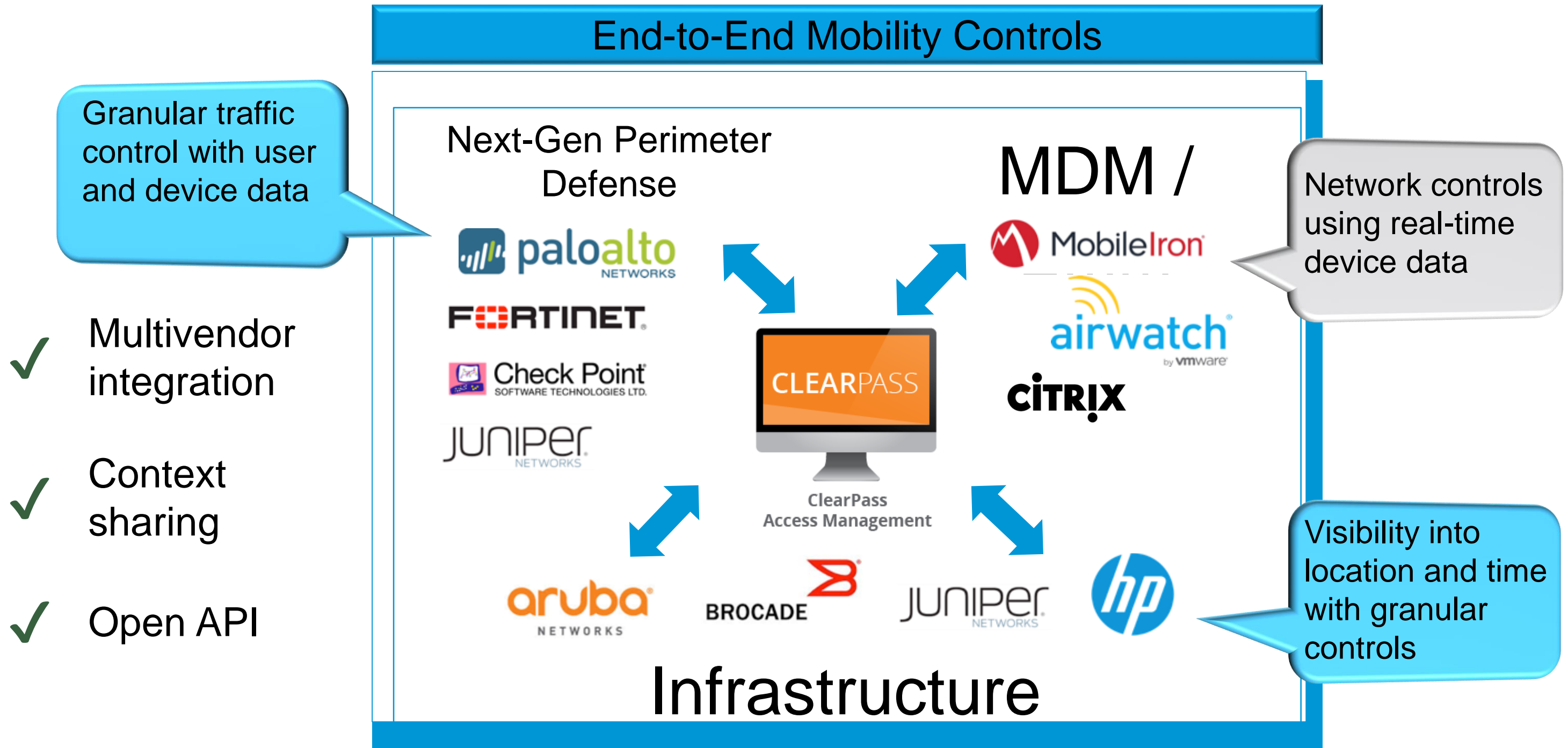
### Perimeter Defense

- Firewalls / UTM
- **Data controls**
- External threat protection

**X** No user to device mapping



# Time for Mobile Defense – Adaptive Trust



# Adaptive Trust Context Sharing - Firewalls



Employee Access

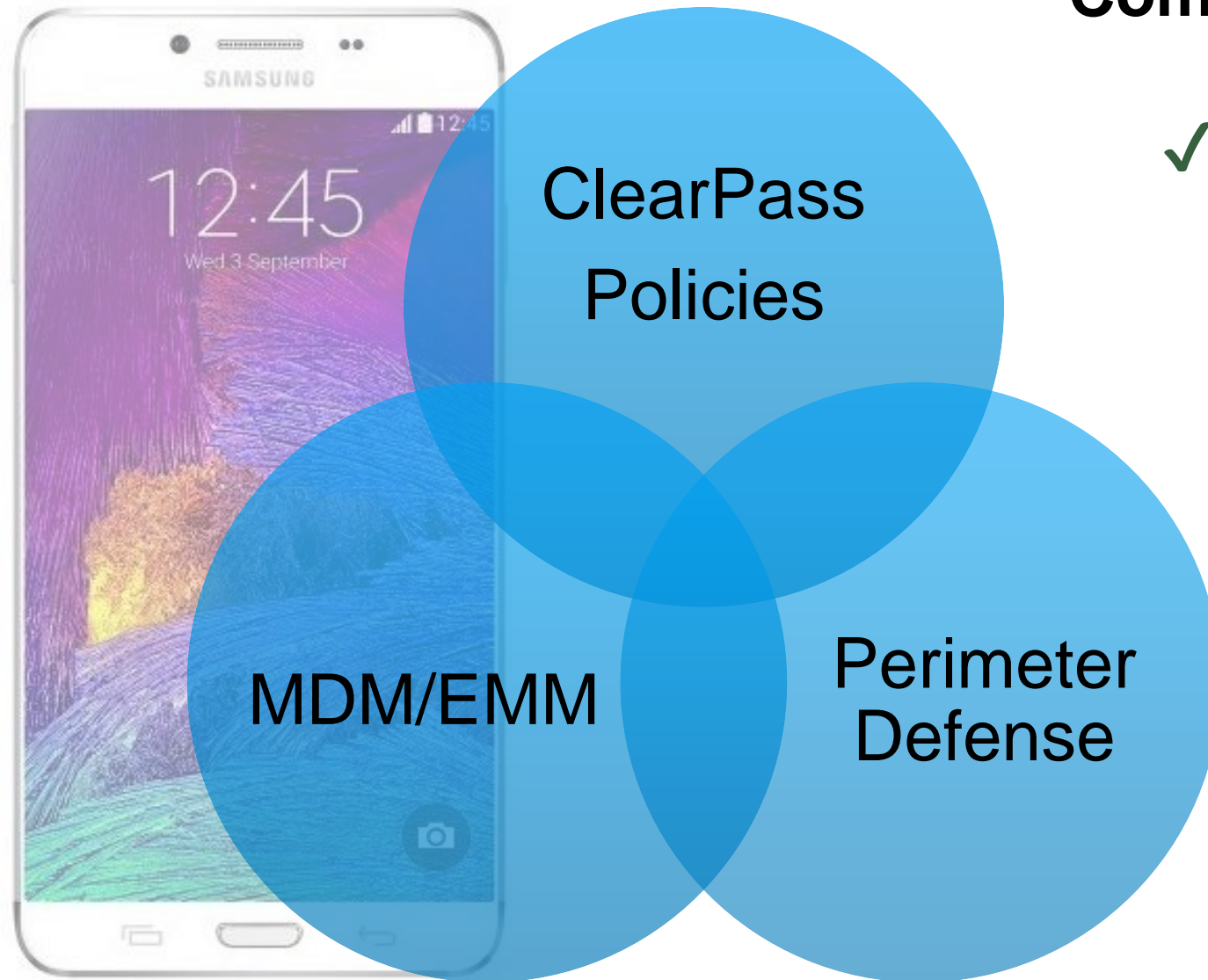
Context Shared

FW policy **adapts** to need

- Works with AD, LDAP, ClearPass dB, SQL dB
- No agents/clients required



# Adaptive Trust Benefits



## Complete End-to-End Protection

- ✓ Wireless, wired and remote policies
- ✓ ClearPass as context store
- ✓ Accurate rules enforcement
- ✓ All security components work together
- ✓ Visibility and reporting - users and devices

# Aruba ClearPass Solutions

Guest



Onboard



OnGuard



Expandable Applications

Hardware or  
VM Appliances



REMOTE LOCATION



CLEARPASS POLICY MGR

# Why ClearPass



Multivendor & 3<sup>rd</sup> Party integration

User-experience driven applications

Scalability and cost advantages

Business oriented policy services

– building blocks, roles, troubleshooting tools



# More Information

[www.arubanetworks.com](http://www.arubanetworks.com)

*ClearPass, Exchange, Adaptive Trust, promotions*

aruba  
NETWORKS  
an HP company

HOME » PRODUCTS » SECURITY » NETWORK ACCESS CONTROL

## ClearPass Policy Manager

ClearPass Policy Manager provides secure network access in a mobile world. It features ultra-scalable AAA with RADIUS and TACACS+ and a policy engine that leverages contextual data based on user roles, device types, app usage and location.

ClearPass Exchange ClearPass Guest ClearPass Onboard ClearPass OnGuard

**Policy management with mobility in mind.**

ClearPass takes a fresh approach to solving today's mobility challenges across any multivendor network by replacing outdated legacy AAA with context-aware policies. And ClearPass scales and adapts to your evolving user, security and business needs.

[Get the ClearPass solution overview](#)

**Secure mobility leader for the corporate office, remote workplace and public venues.**

[Get the new Gartner Magic Quadrant report for Network Access Control](#)

# Thank You