

The Register



BYOD beyond the noise

Don't just think about it, build it



On our regcast today

Trevor Kelly and Andy Cooper **HP**

Dale Vile **Freeform Dynamics**

Tim Phillips **The Register**

Many types of wireless devices – BYOD?

Laptop



Smart Phone



Tablet



How do you enable a successful BYOD strategy?

Types of BYOD

Voice only

- Driven by telecoms cost reduction
- Company phone replaced with allowance
- No access to corporate network, apps or data

Perk access

- Driven by user desire and convenience
- Connect personal devices to internet via WiFi while in the office
- Access to published services only (e.g. OWA/ActiveSync)

Authorised companion device

- Driven by user convenience, and perceived productivity
- Use of personal device alongside company equipment
- Direct but limited access to corporate network, apps or data

Authorised substitute device

- Driven by user desire for freedom, business desire for flexibility
- Personal device used in place of corporate device
- Full access to corporate resources and support services

Mixed views

Organisational disjoints and inefficiency

Better personal productivity

Increased IT delivery and support costs

Savings on equipment and service fees

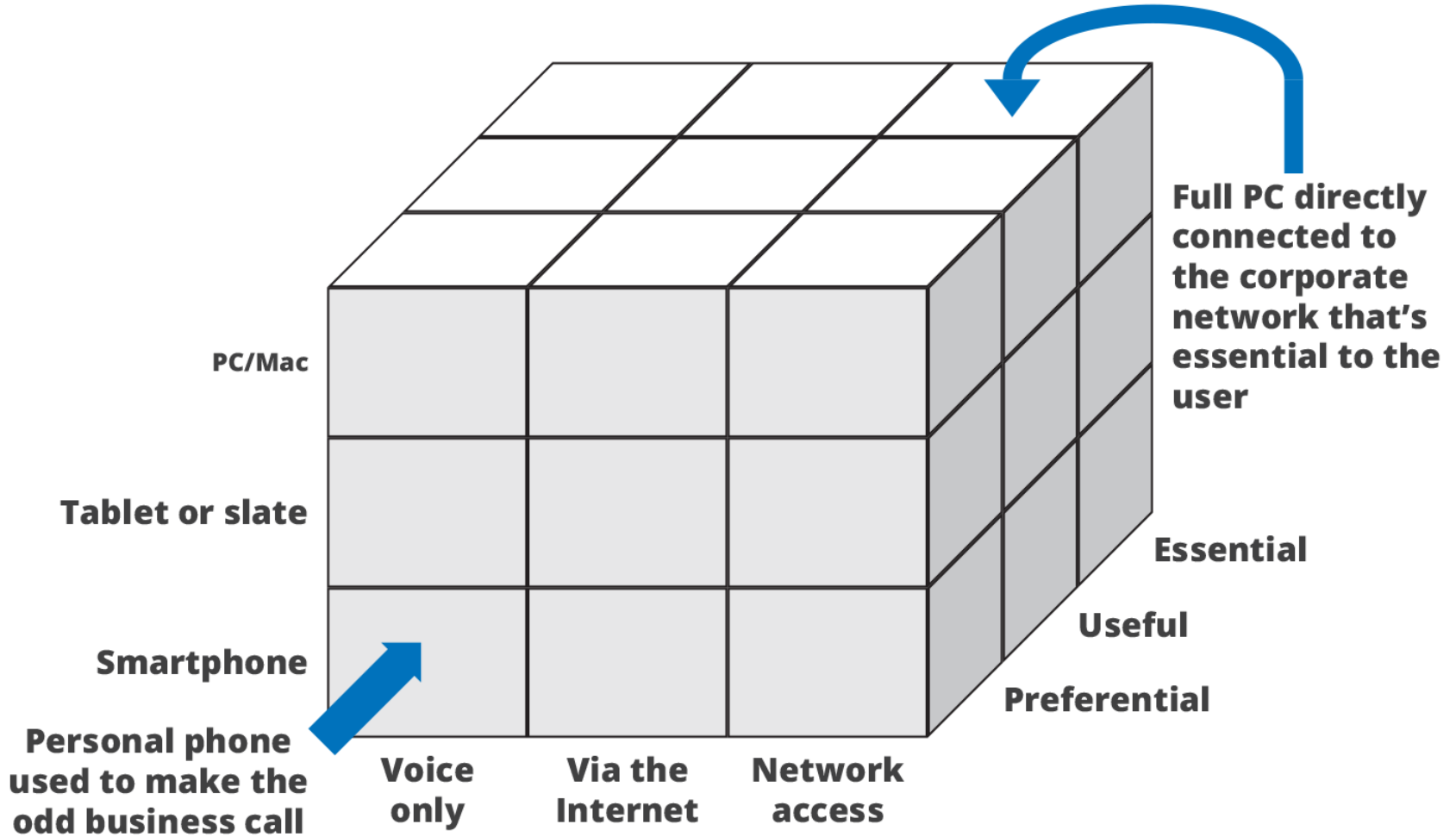
Security, compliance and data protection risk

Access to information anytime, anywhere

More stress for IT staff

Happier end users

Extremes of BYOD



BYOD security policy



Role



Location



Device

Access Policy
↓
Anti Virus Check ?
↓



Software

Is Guest Access good enough ?

Is your network ready for BYOD?



24 x 1Gb wired

versus



↑ 1Gb or 10Gb ?



.... x 24

240 devices (10 per access point)

*And the
network core ?*



Device

Education – mature BYOD environments



Robust
wireless
infrastructure



Diversity of locations



1000s of people
Diversity of roles



Diversity of devices

*Can we apply this knowledge
to enterprise environments ?*

Legacy networks unprepared for BYOD

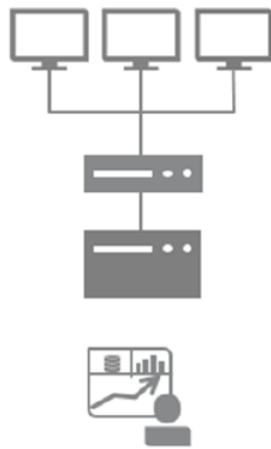
Complex, Limited and Vulnerable

Separate Networks & Management

Limited BYOD Essentials



Wired Network



Wireless Network

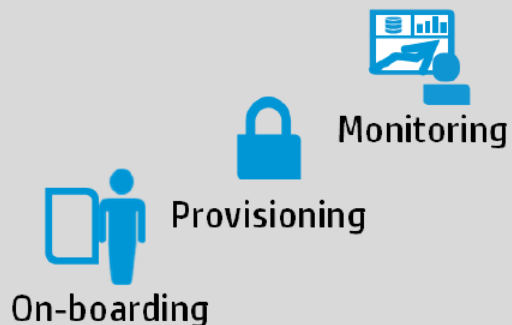


Complete Unified Bring Your Own Device (BYOD) Solution

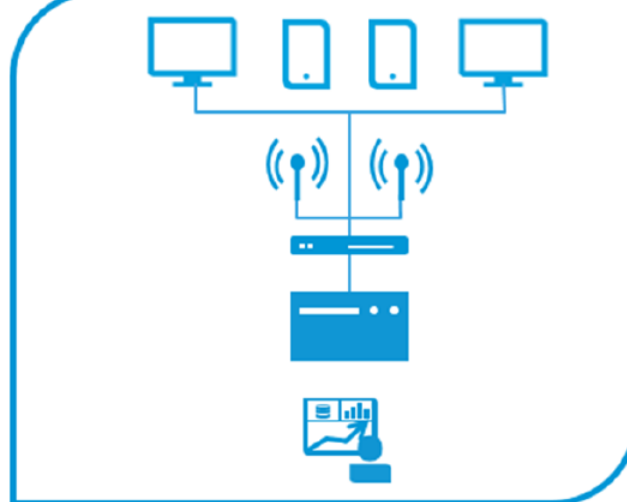
Simple, Scalable and Secure

Unified Wired & Wireless Network & Management

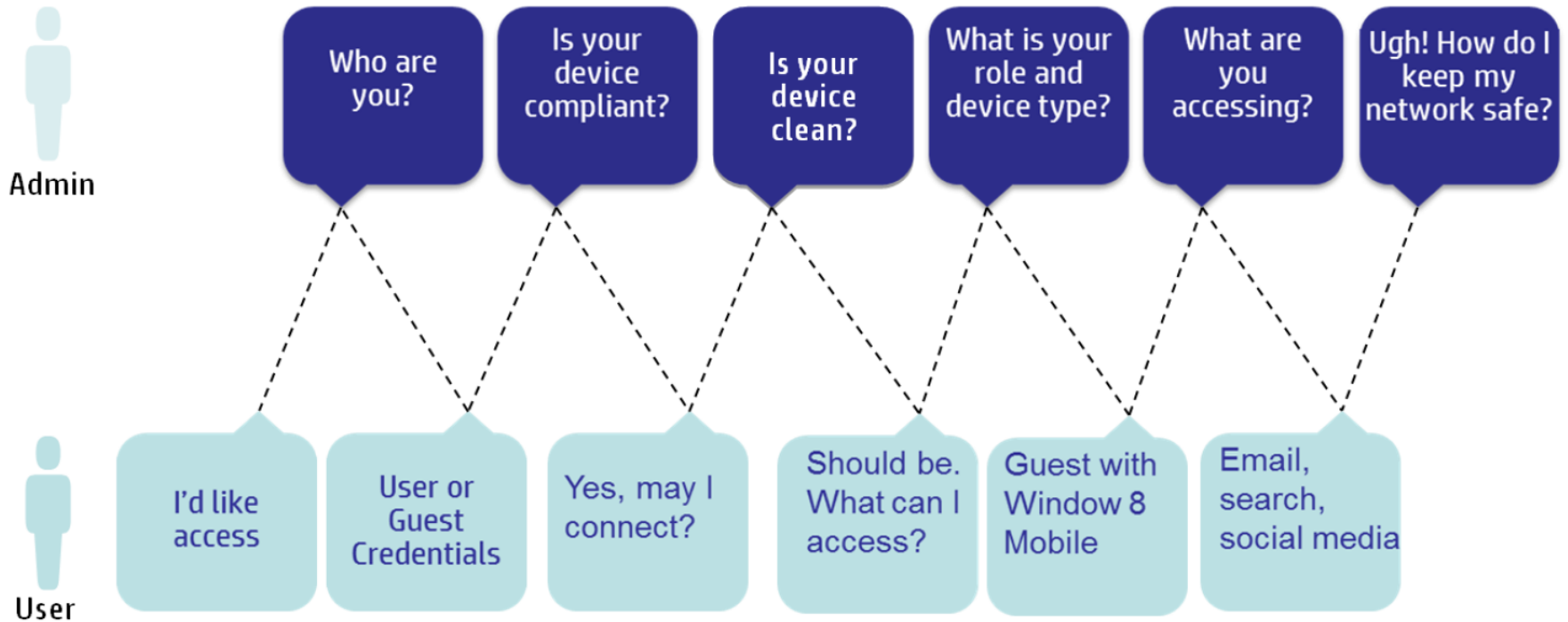
Unified BYOD Essentials



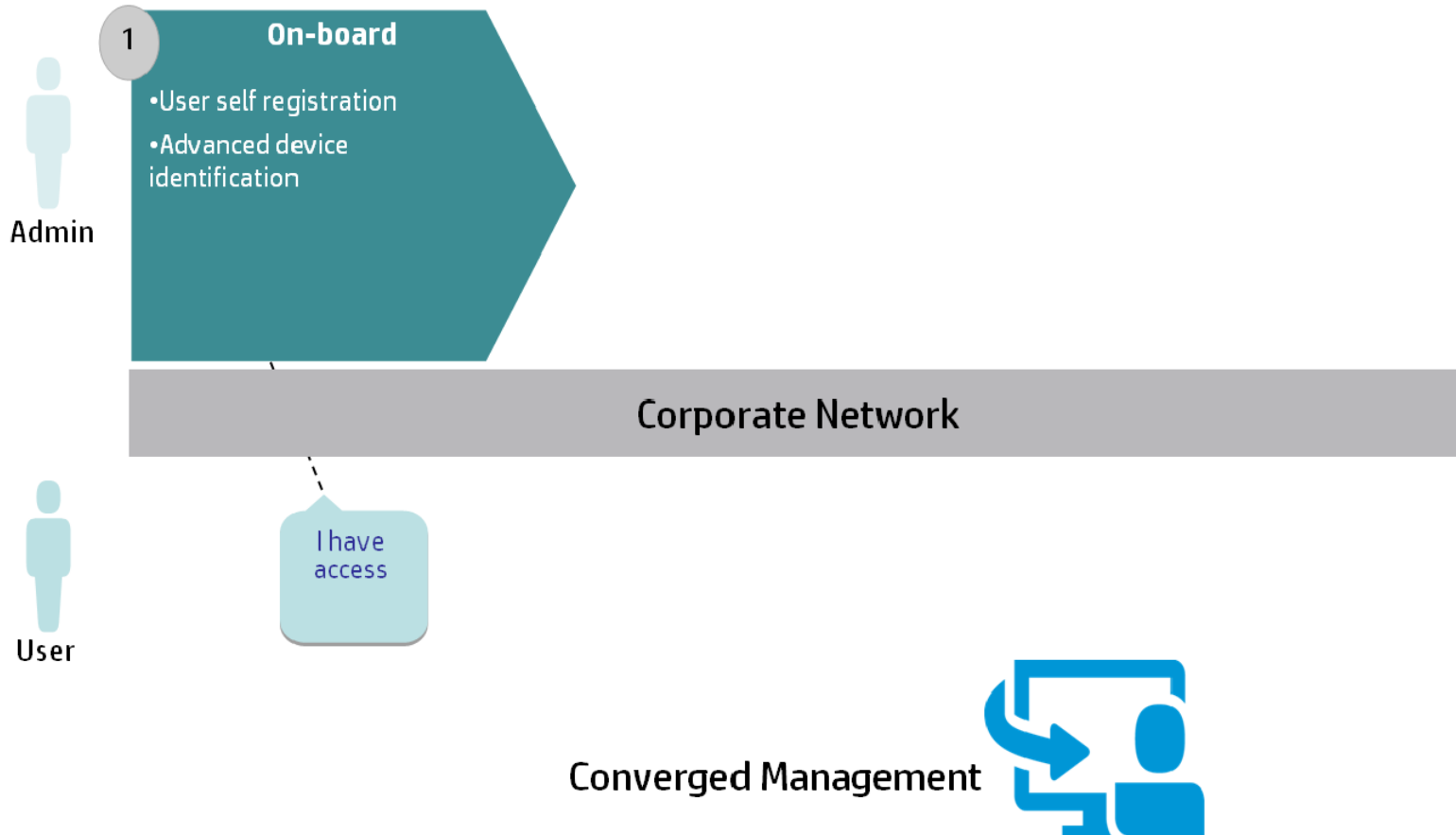
Unified Wired-Wireless Network



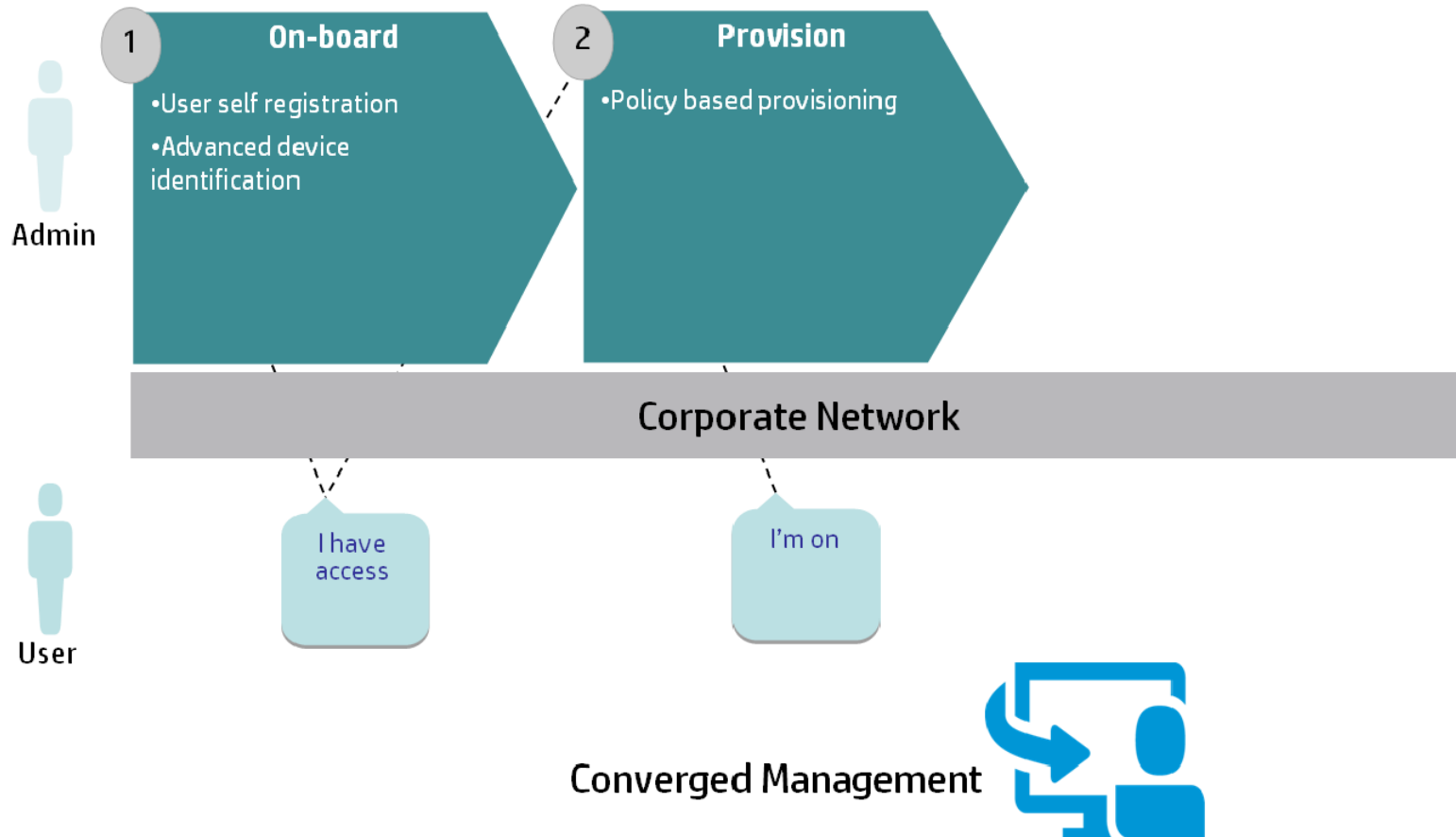
Security Considerations



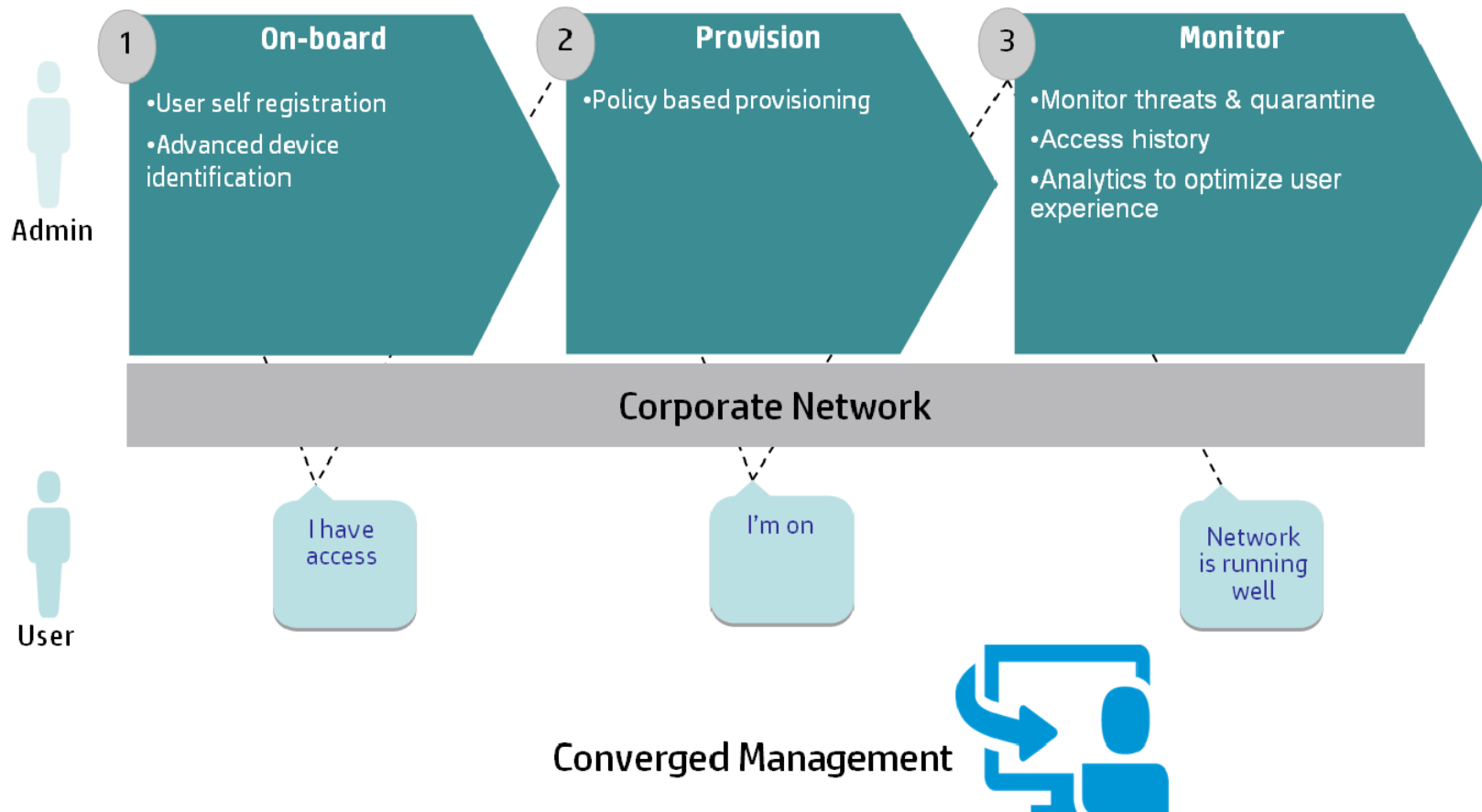
On-board, provision and monitor



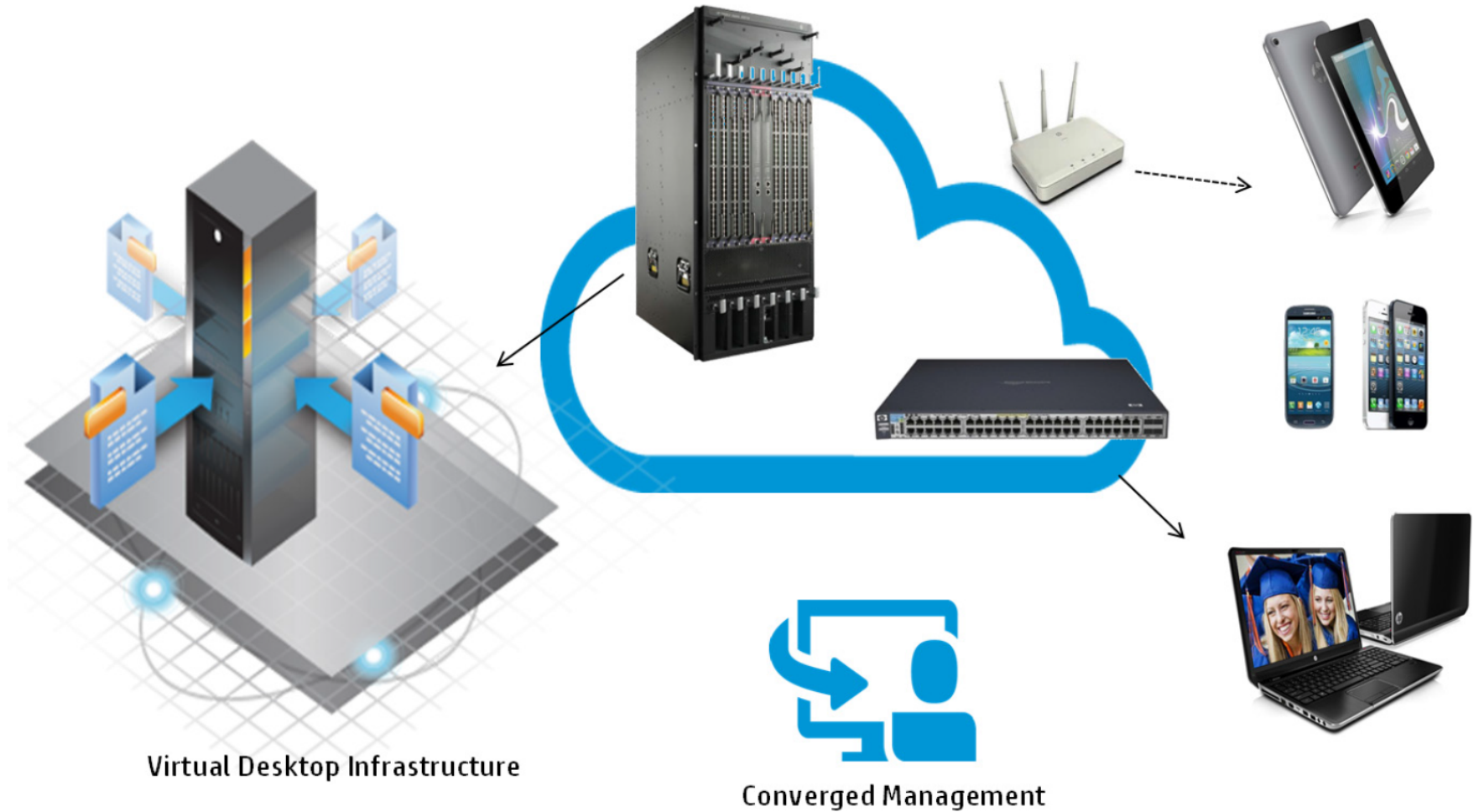
On-board, provision and monitor



On-board, provision and monitor



Wider Mobility/BYOD thoughts from HP



Scoping the project

Understand behaviour and motivation

Segment user needs and wants

Deal with most pressing cases

Create a sustainable environment

Tips for creating the right environment

Think and plan holistically

- Consumerisation: a part of end user computing
- About end-point diversity and user choice
- Changes are inevitable

Listen but don't pander

- Involve users in planning
- Segment users, provide choice only where needed
- Be clear on what's acceptable

Flexible but safe

- Hard core and flexible edges
- Use client S/W where needed, beware of sprawl
- Virtualise the edge wherever possible

Employ "just enough" management

- Visibility, control and effective support
- Track personal and business use
- Avoid constraints that send activity underground

Further reading

HP Cloud Infrastructure Zone – BYOD
bit.ly/12j7otA

HP BYOD Solution
bit.ly/169ct75

Thanks for joining us



An archived version of today's events will be made available on The Register in the near future.
