



Manage your blades

Simplify and control
data centre development



Why are we here?

Blades are not a new idea, but they can solve today's sprawl and management problems – as long as they are deployed correctly

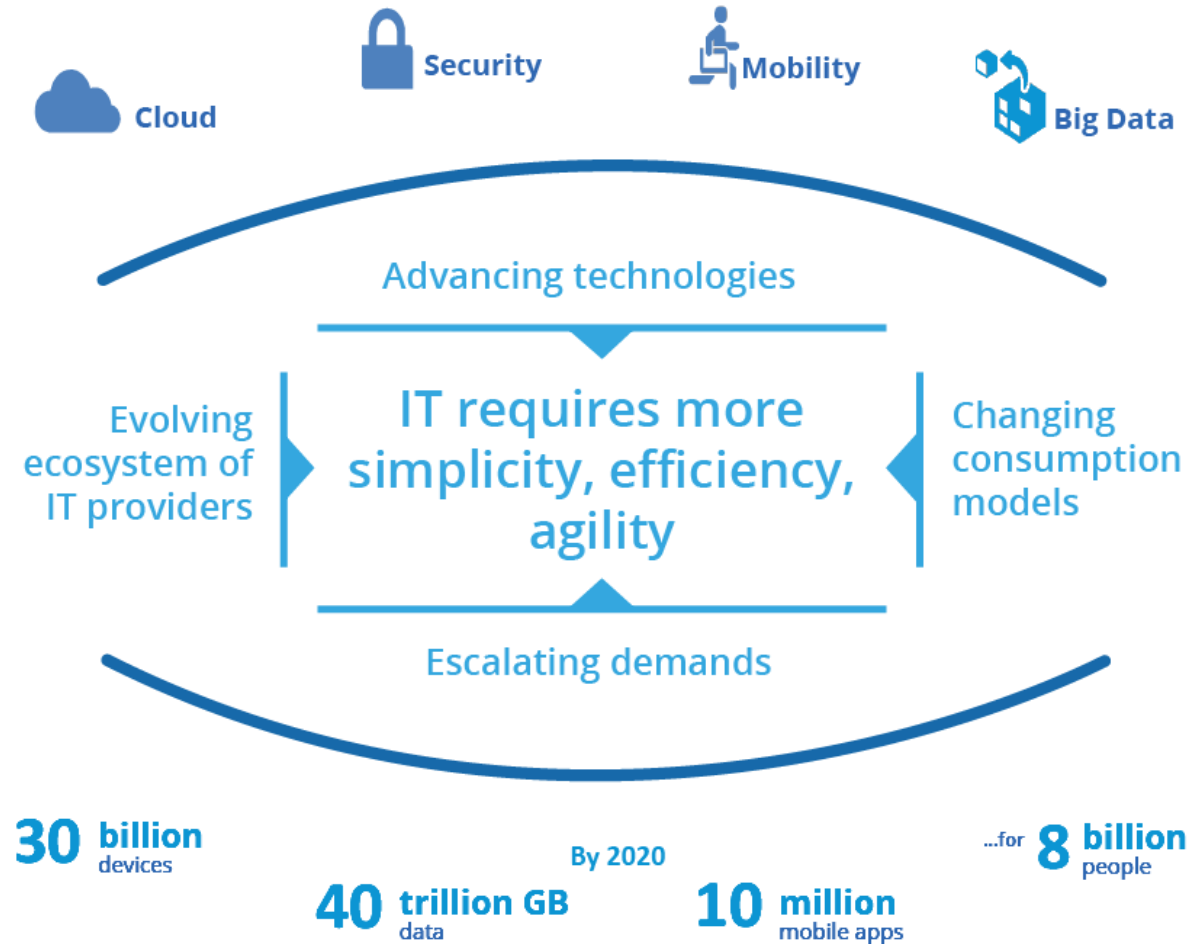
On our Regcast today

Julian Keetch, **HP**

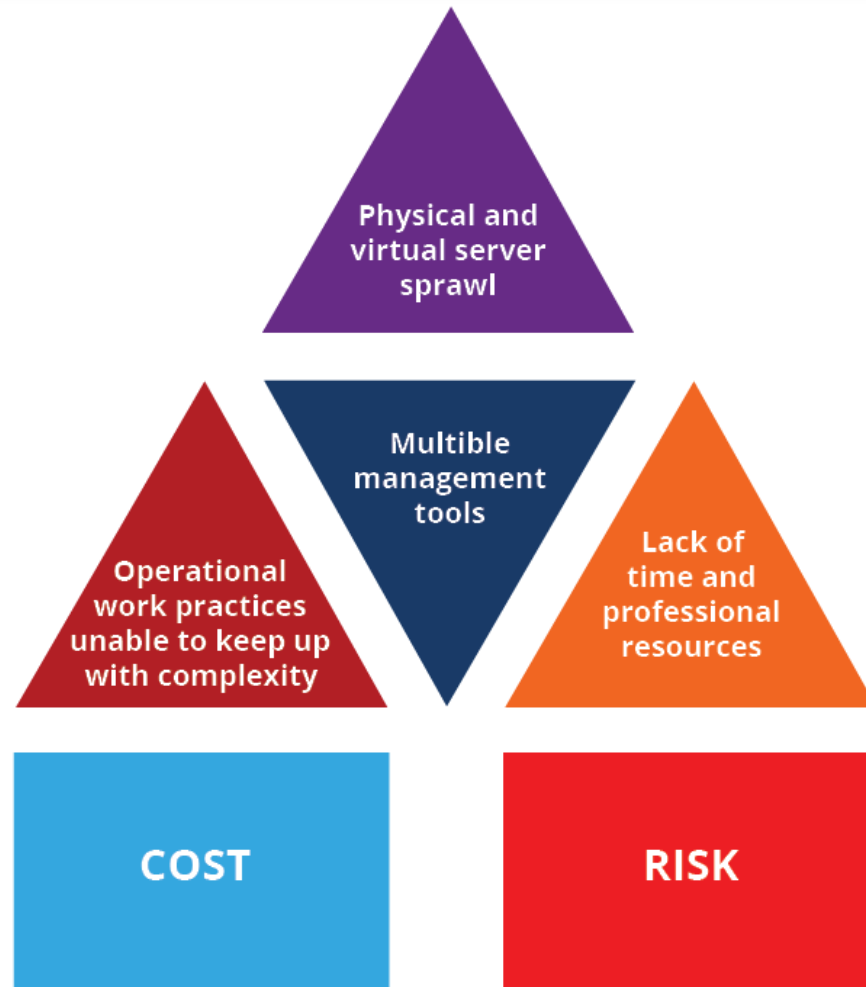
Tony Lock, **Freeform Dynamics**

Tim Phillips, **The Register**

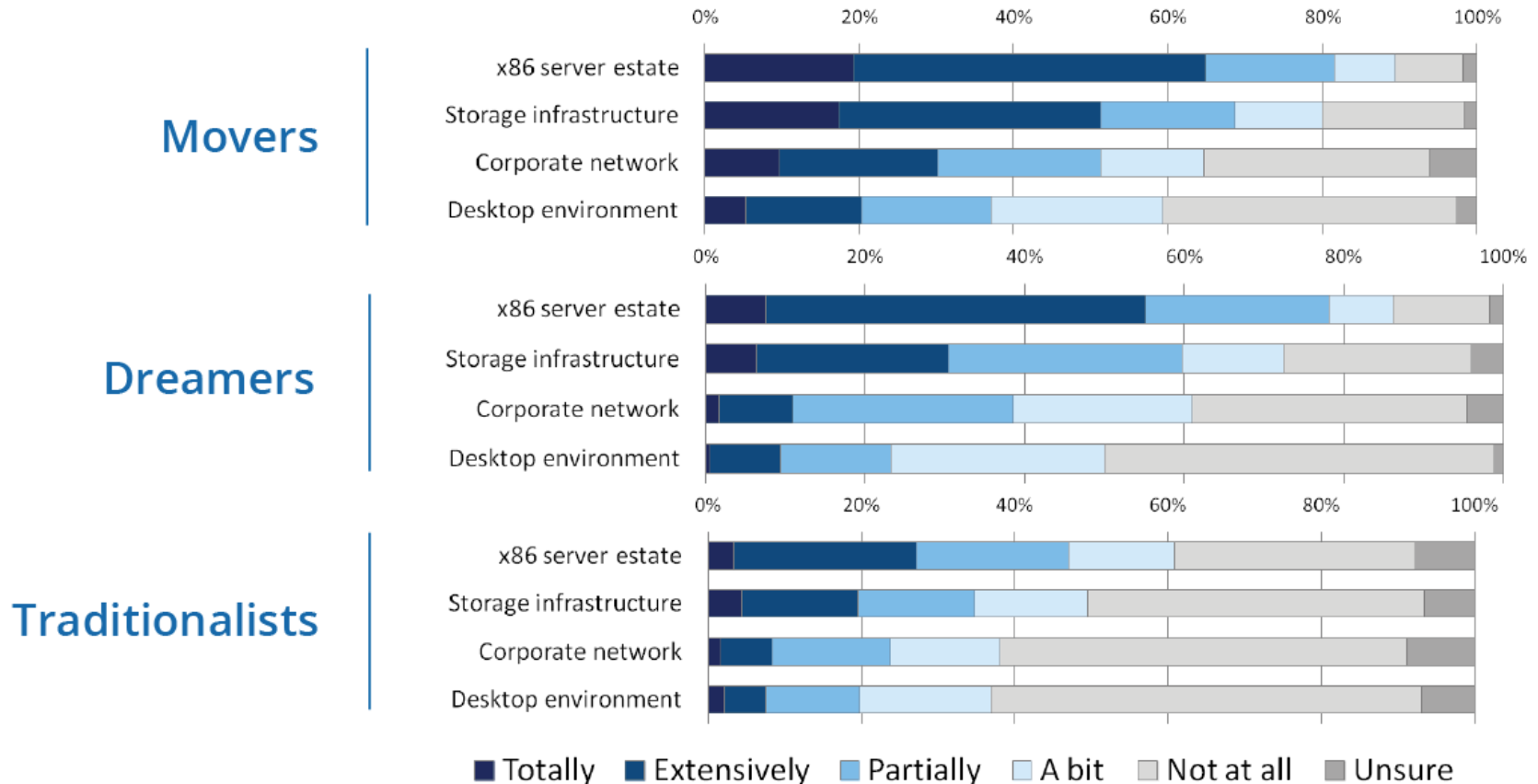
Accelerating pace of change requires a new style of IT



Today's challenges

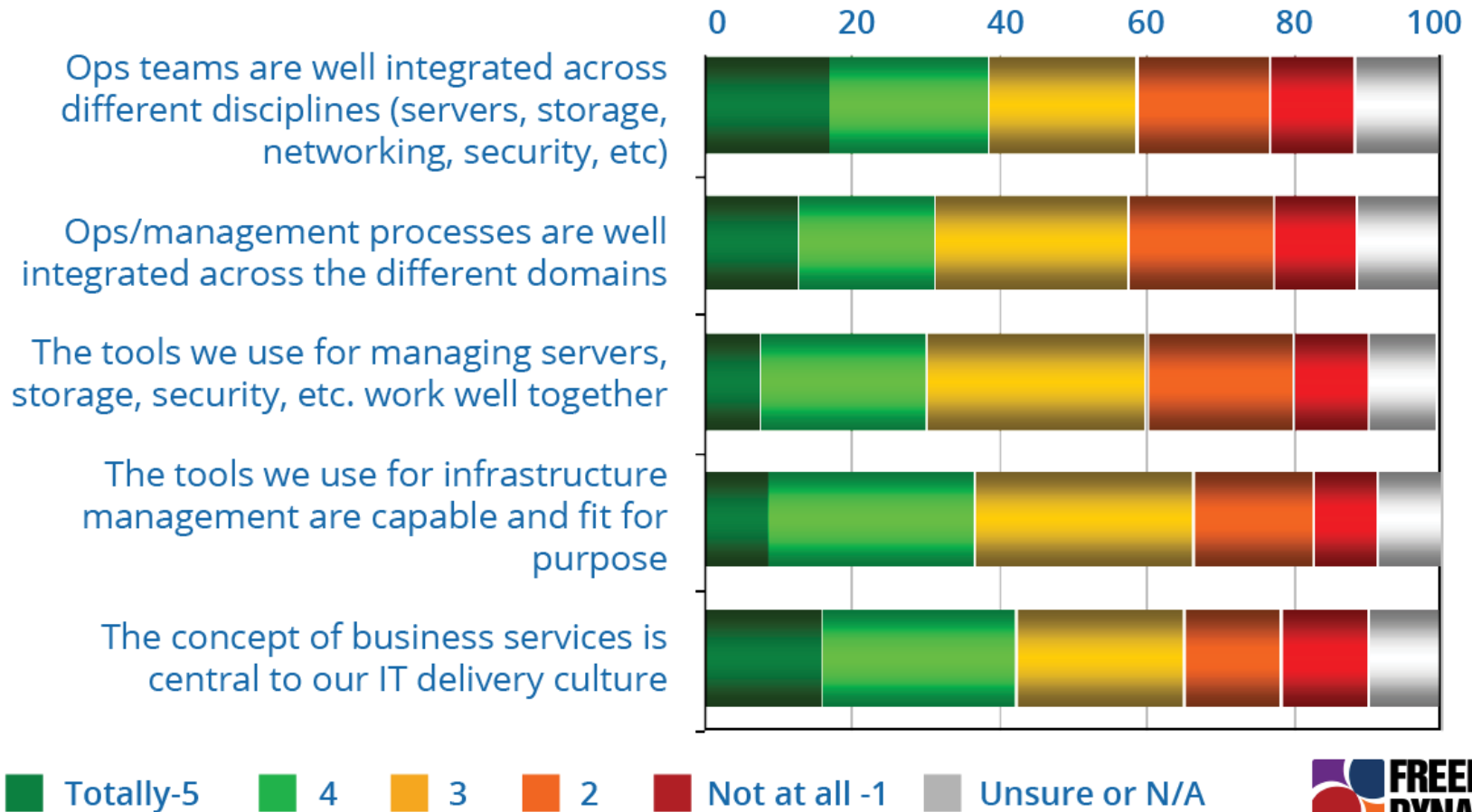


How much have you virtualised the following elements of your IT landscape?

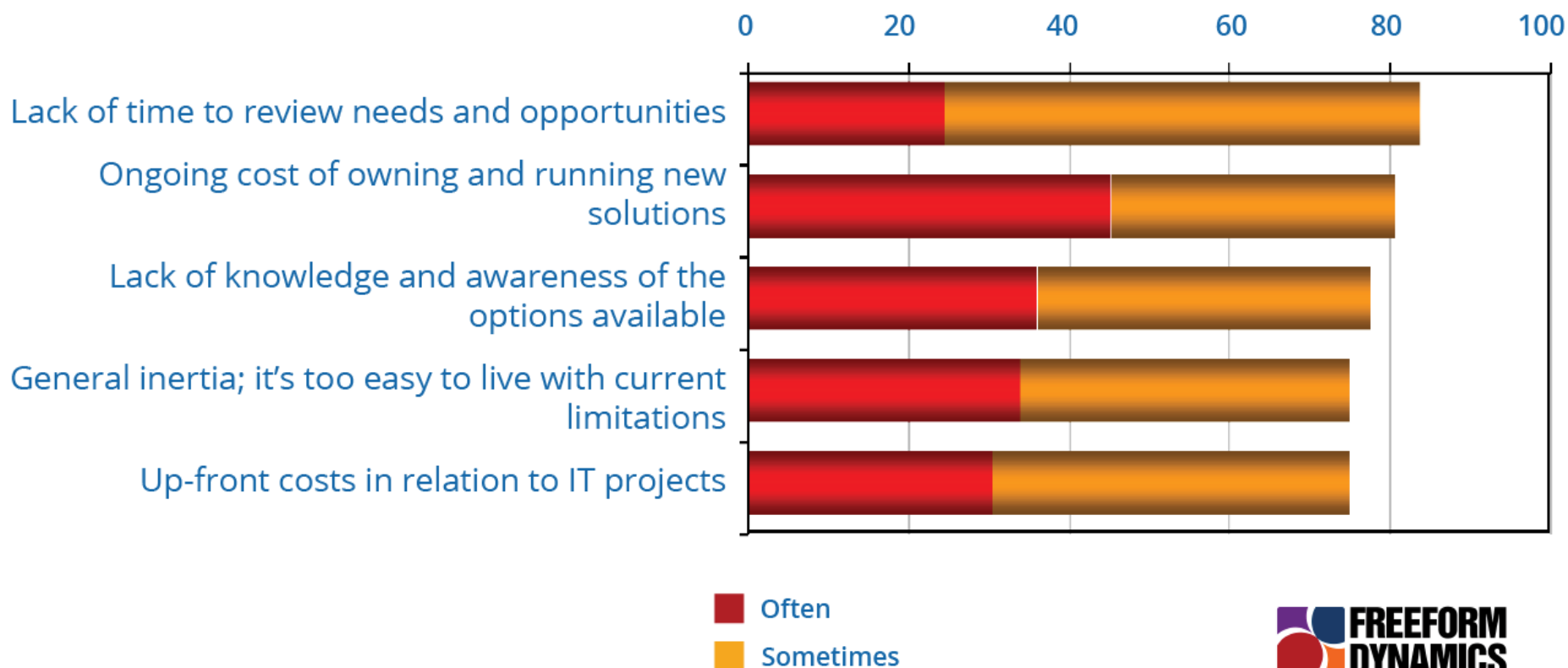


Online survey, 481 respondents
 A Vision for the Data Centre (Research Report), December 2012

How much do the following apply in your environment?



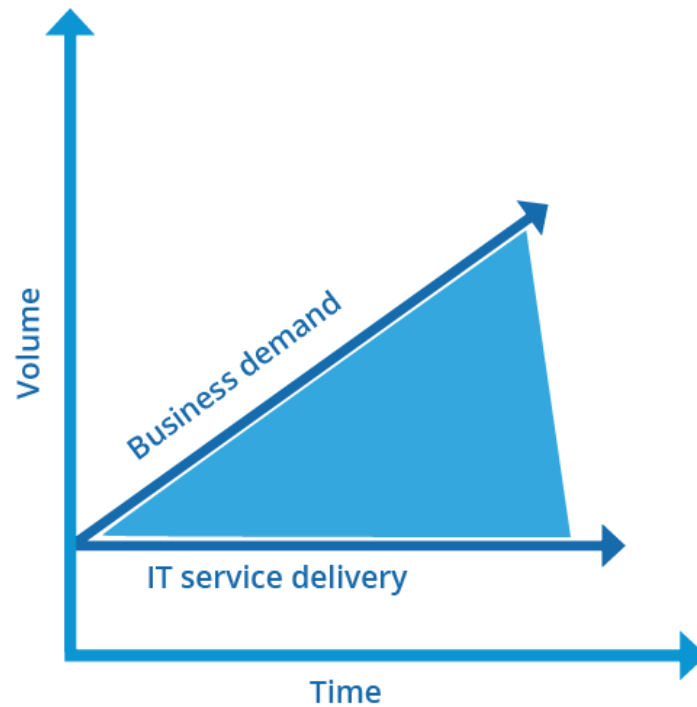
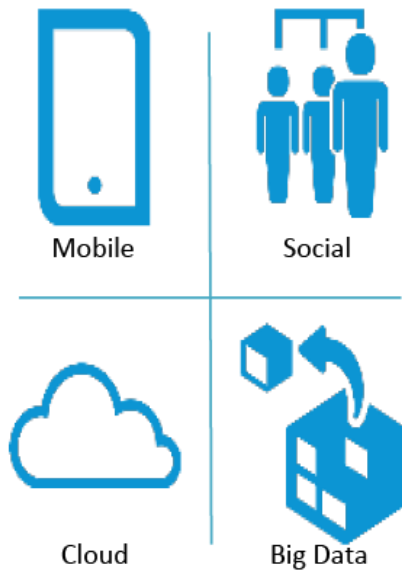
When considering how to meet new and evolving needs in relation to IT systems, how often do the following get in the way of making progress?



The IT gap

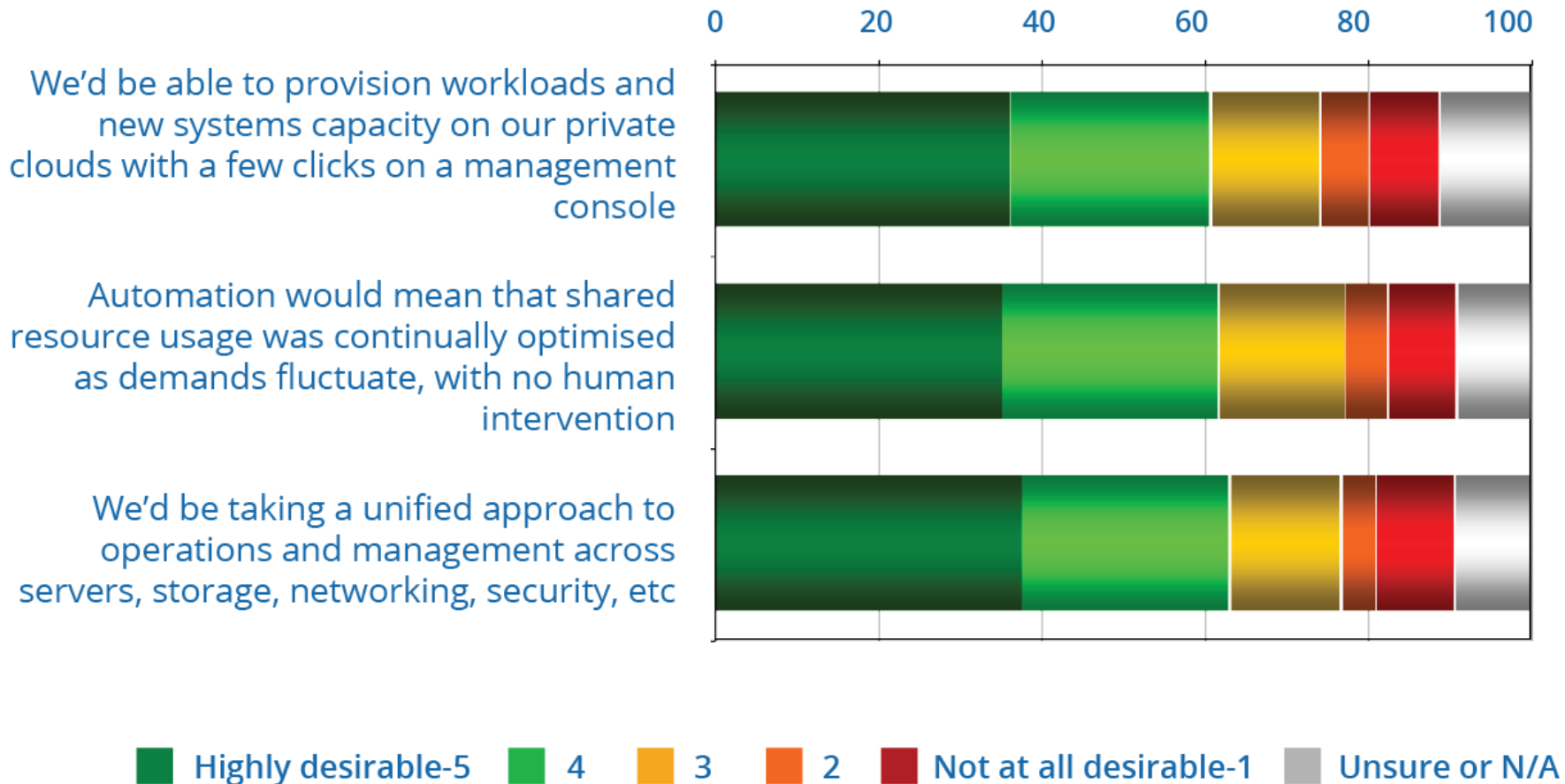
Business demand is outpacing IT delivery

Business requirements

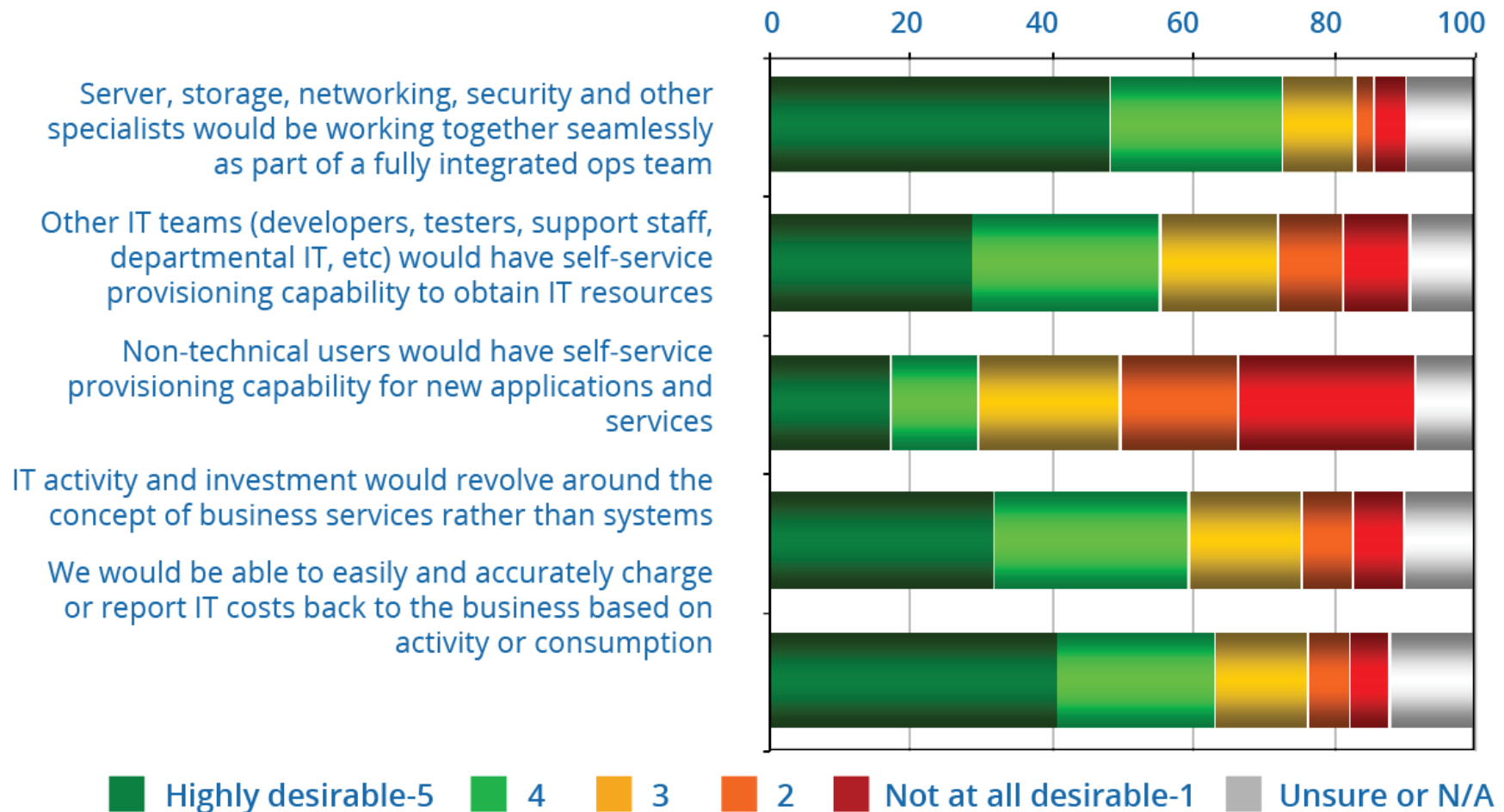


- Siloed Infrastructure
- Siloed Management
- Non-standard, manual processes
- Incomplete, overly complex automation

OPERATIONS & MANAGEMENT (Perfect IT Vision)



ORGANISATION & SERVICES (Perfect IT Vision)



HP BladeSystem- The Power of One

Convergence
to lower data center costs



- Compute, Network, Storage, & Virtualization
- Managed by one platform
- Choice of any fabric

Federation
to maximize availability



- One infrastructure
- Any workload in any chassis
- Safety with contained fault domains

Automation
to increase agility



- Automated provisioning
- Proactive health monitoring
- VM failover

Transform business economics by accelerating service delivery

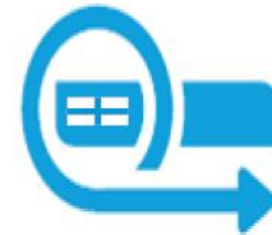
HP Virtual Connect

The simplest way to connect servers to networks and storage



Wire-once server connectivity

Simplifies provisioning
Enables server adds, moves and changes in minutes



Simplified Infrastructure

Eliminates up to **95%** of network sprawl with **65%** less cost
Converges and collapses fabrics

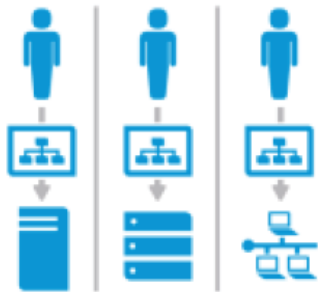
Management Dilemmas

- Management tools are often only acquired along with new systems
- Organisations have multiple tools, usually one or more for each hardware platform, servers, storage and networking
- People lack time to get to grips with multiple solutions
- Multiple tools → Risk escalation as IT staff are the integration point

Converged management is key to closing the gap

Industry Problem

Siloed domain expertise

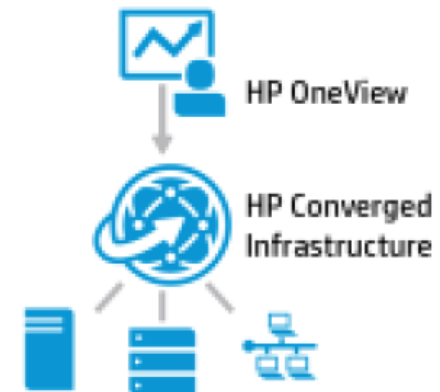


- Special purpose tools
- Multiple manual hand-offs
- Difficult to automate
- Slow, error-prone IT service roll-outs

HP OneView
enables the
transformation

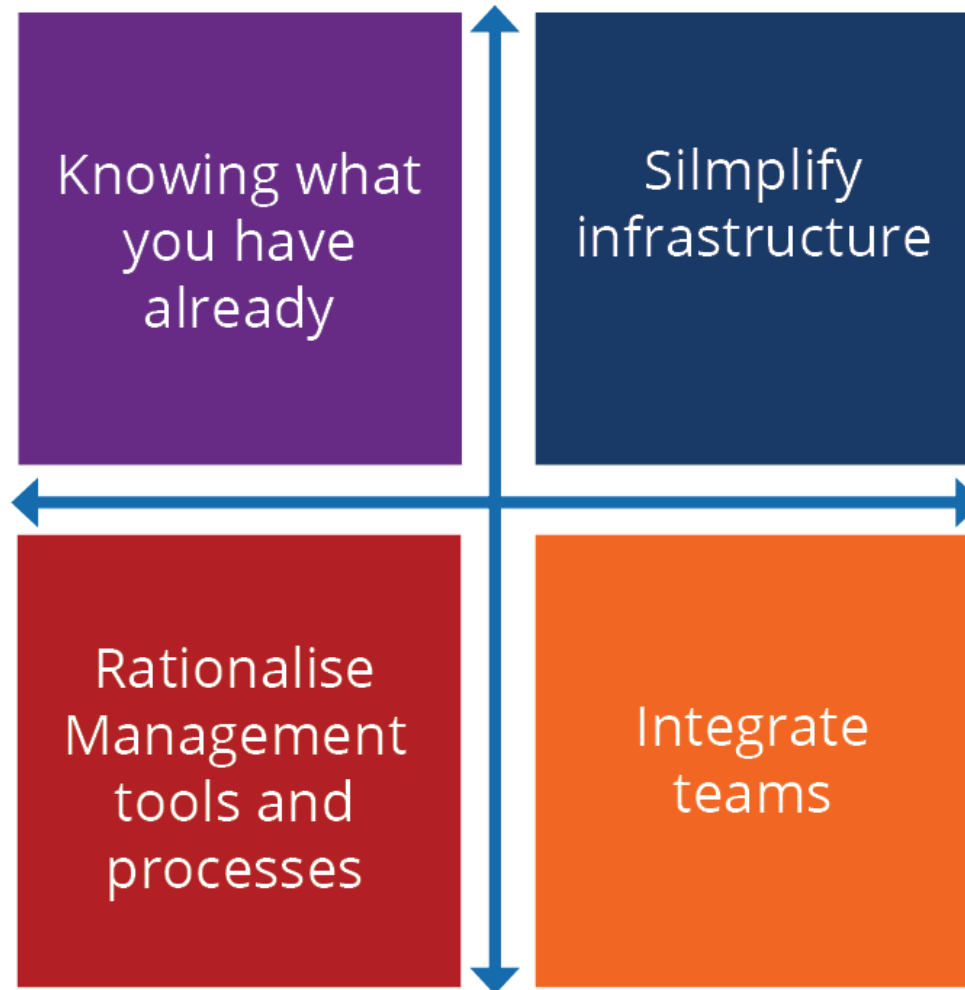
HP OneView

Converged Management



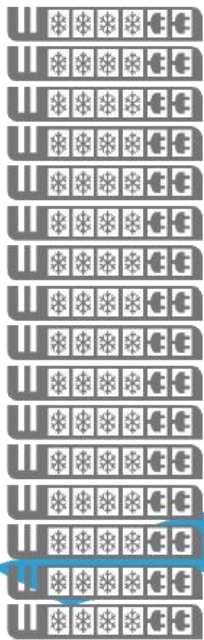
- One tool instead of many
- Design once, execute many times
- Standards-based automation
- Faster, more reliable IT service roll outs

Moving forwards



The system journey

Racks, Storage, Network



- Individual parts
- Individually ordered

HP BladeSystem with HP OneView



- One federated system of blades

ConvergedSystem Virtualization



- Workload targeted system
- One sku, pre-integrated

CloudSystem



- Converge Cloud
- Workload deployment through Cloud Maps

Further reading

HP BladeSystem

<http://reg.cx/2bxd>

IDC whitepaper, Business value of Blades

<http://reg.cx/2bxe>

HP Virtual Connect

<http://reg.cx/2bxf>

HP OneView

<http://reg.cx/2bxg>

Thanks for joining us



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