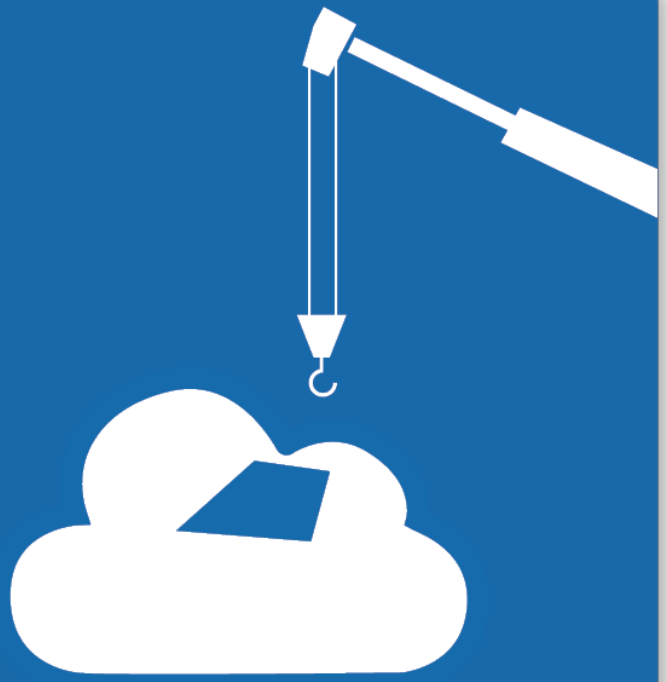
The Register®

Build an open cloud

Saying no to silos



Why are we here?

Proprietary clouds limit integration and flexibility.

So how do you build an open cloud instead?

On our Regcast today

Peter Mansell, **HP**

Dale Vile, **Freeform Dynamics**

Tim Phillips, **Quizmaster**

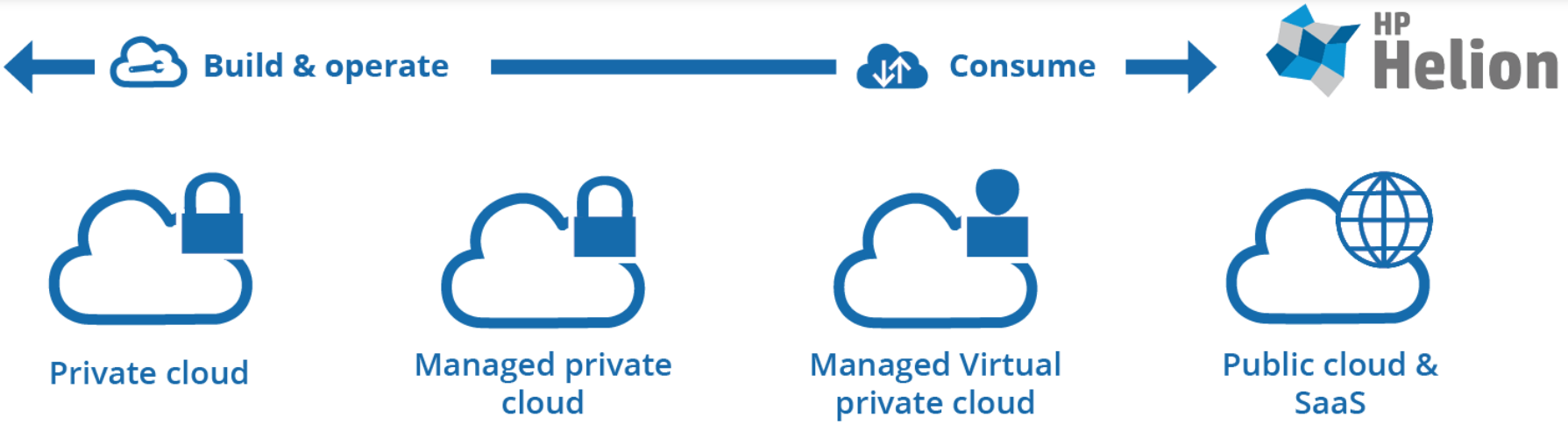
Migrating everything to the public cloud is not seen as the answer

- Selective use: YES
- Wholesale move: NO

- Hosted cloud services seen as a tactical convenience

- The data centre remains the strategic hub

It's a Hybrid World



HP Helion OpenStack common architecture

Open

- **Portable, interoperable,** and **heterogeneous**
- Based on **open source** to accelerate **innovation**
- Deploy applications on **multiple deployment models**

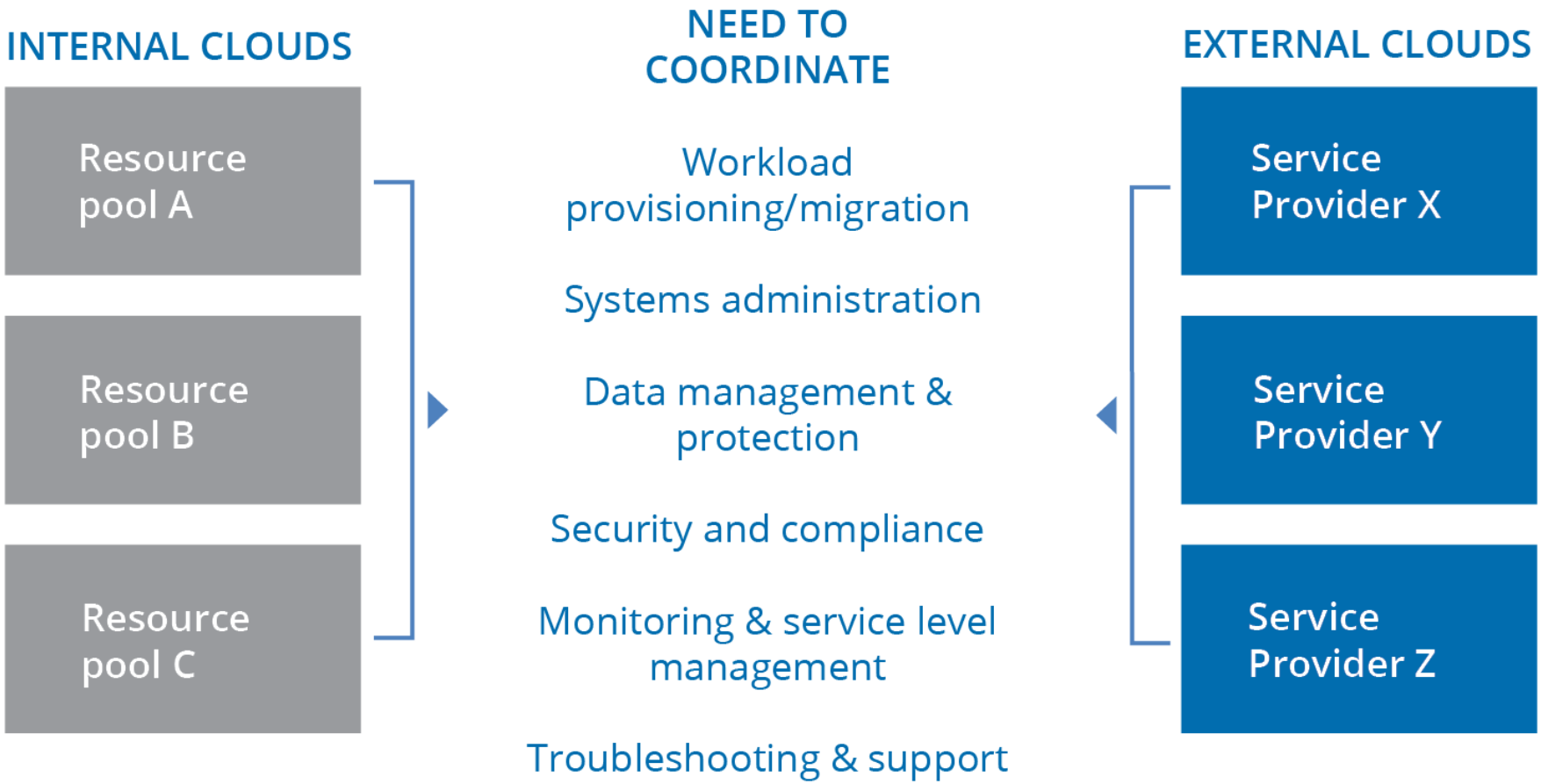
Secure

- Enterprise-grade **security**
- **Visibility, control,** and **governance** for hybrid IT
- **Reliable, predictable** services

Agile

- Speed time to **innovation**
- **Scale** with the right **economics**
- Planning, building, and managing **expertise**

Avoiding disjoints and fragmentation



For on-premise and cloud to work together, how would you ensure that service levels to the business can be properly maintained?

Management tools

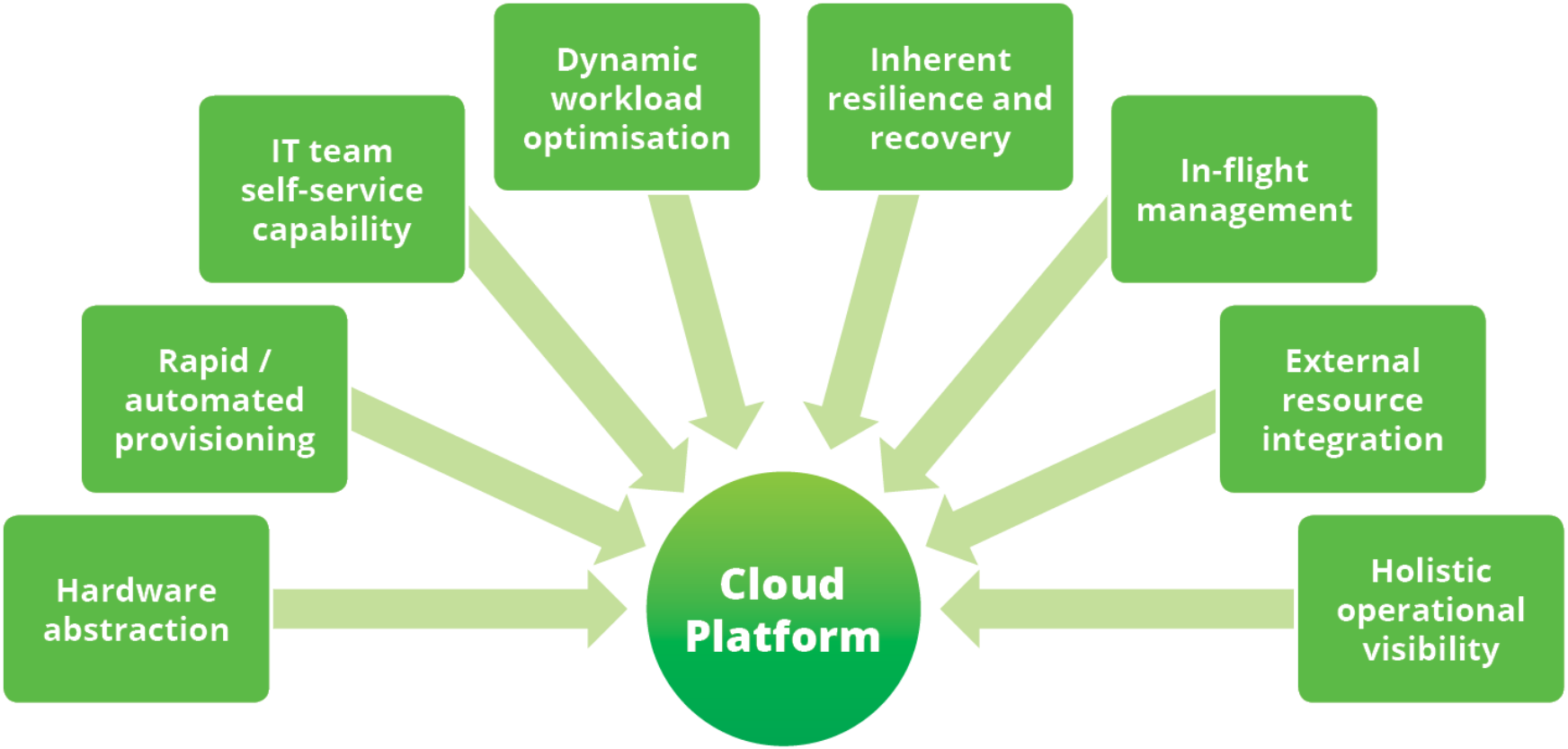
APIs/standards

Internal SLA monitoring tools

Execution platforms to automatically optimise

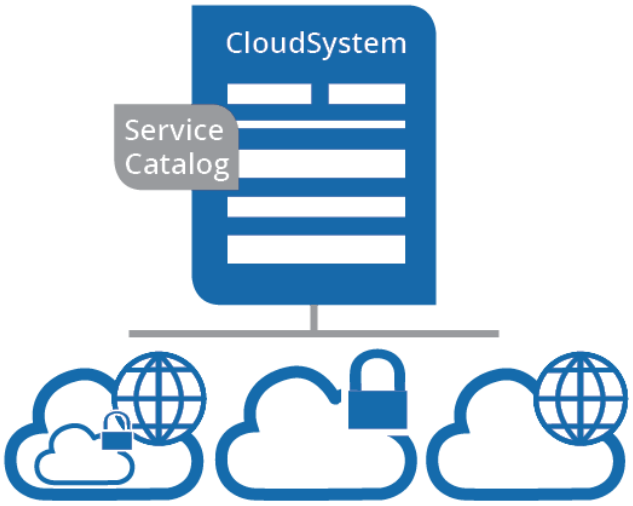
Cloud platform

(a.k.a. 'Software Defined Datacentre', 'Next Generation Datacentre', 'Cloud Operating System')



HP CloudSystem

Market-leading integrated and open solution to build and manage cloud services



Agile

- Easy to deploy, manage, and support with 200+ HP Cloud Maps
- Consumer-inspired experience for designer, consumer, and admin
- Fast delivery as integrated HP ConvergedSystem or as software only

Open

- Built on enterprise-grade OpenStack® technology
- Enable easy access to additional capacity through built-in bursting
- Supports heterogeneous environments

Secure

- Multi-tenancy built in
- Policy-driven governance for hybrid IT
- High-availability & recovery management

Hours	Minutes	43%
Not days to install	Not months to provision	Lower TCO

40,000ft rationale for OpenStack

Total proprietary architecture

VS

OpenStack foundation

Vendor enrichment

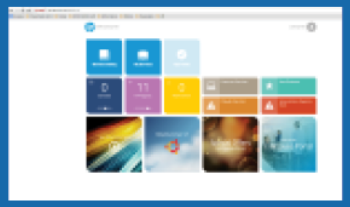
Overkill for many, can be daunting from a skills and commitment perspective

Opportunity to start with industry standard core, and build-out as required

Choice: The most open hybrid cloud solution

Across hypervisors, across private and public cloud

One management platform



Consumers

Architects

Administrators

Across many environments

openstack™

vmware

KVM

Microsoft Hyper-V™

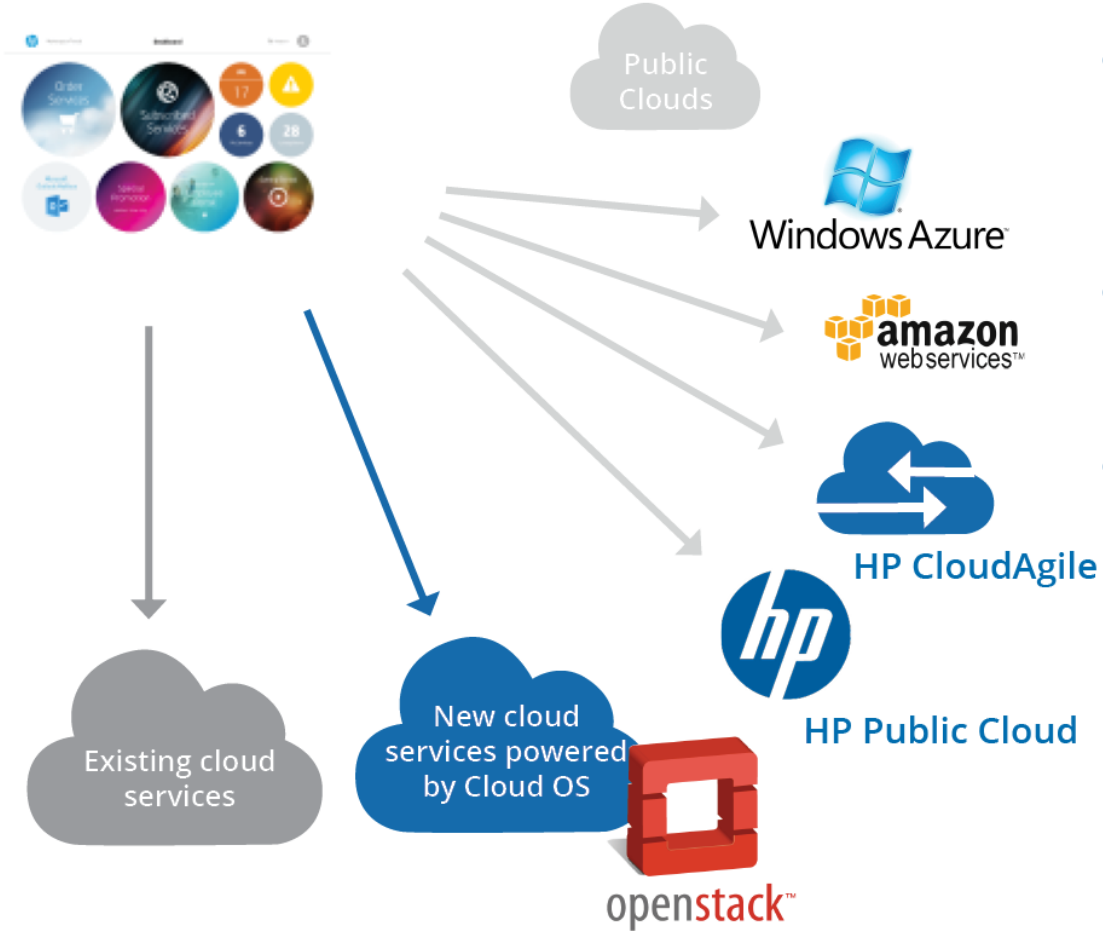
amazon web services™

hp

Windows Azure

Choice: Open hybrid cloud

Build new clouds and/or expand your existing cloud environments



- Provision to existing (and new) cloud resource pools.
- Implement on existing infrastructure.
- Utilise external resources.

“HP leads the pack …” for private cloud

Forrester Research rates HP as the sole leader in private cloud provider evaluation

HP rated among the highest in 8 out of 15 categories:

- Cloud management and self-service access
- Service management and creation
- Planned enhancements
- Additional hosting options
- Third-party ecosystem
- Installed base
- Revenue
- Global presence

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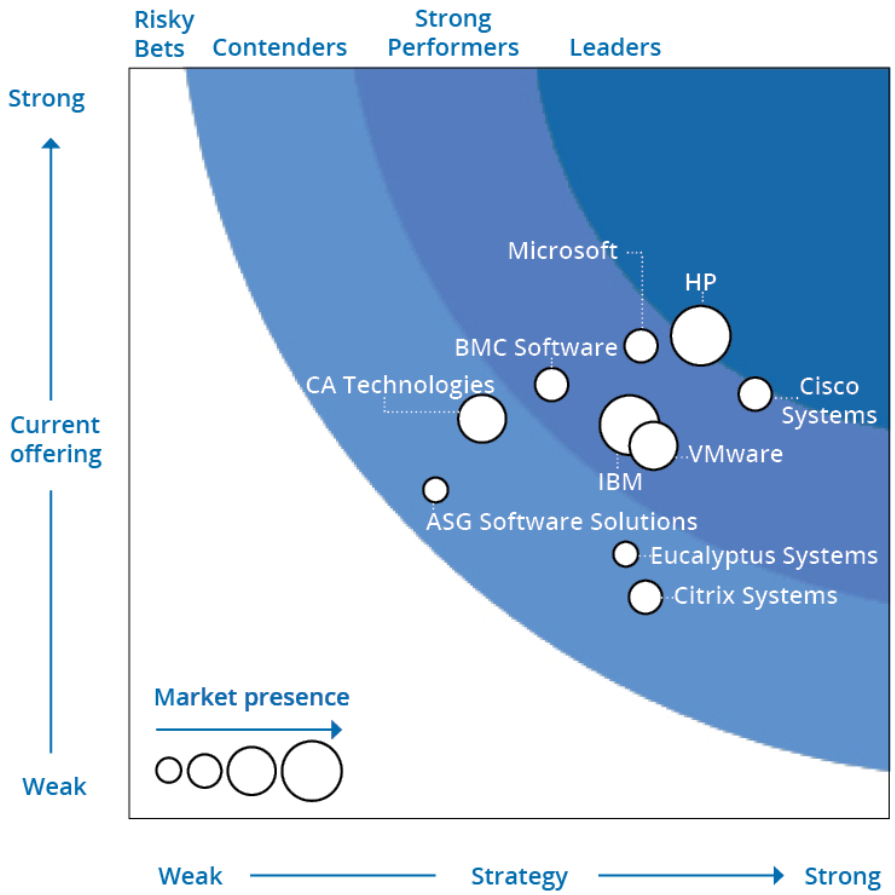

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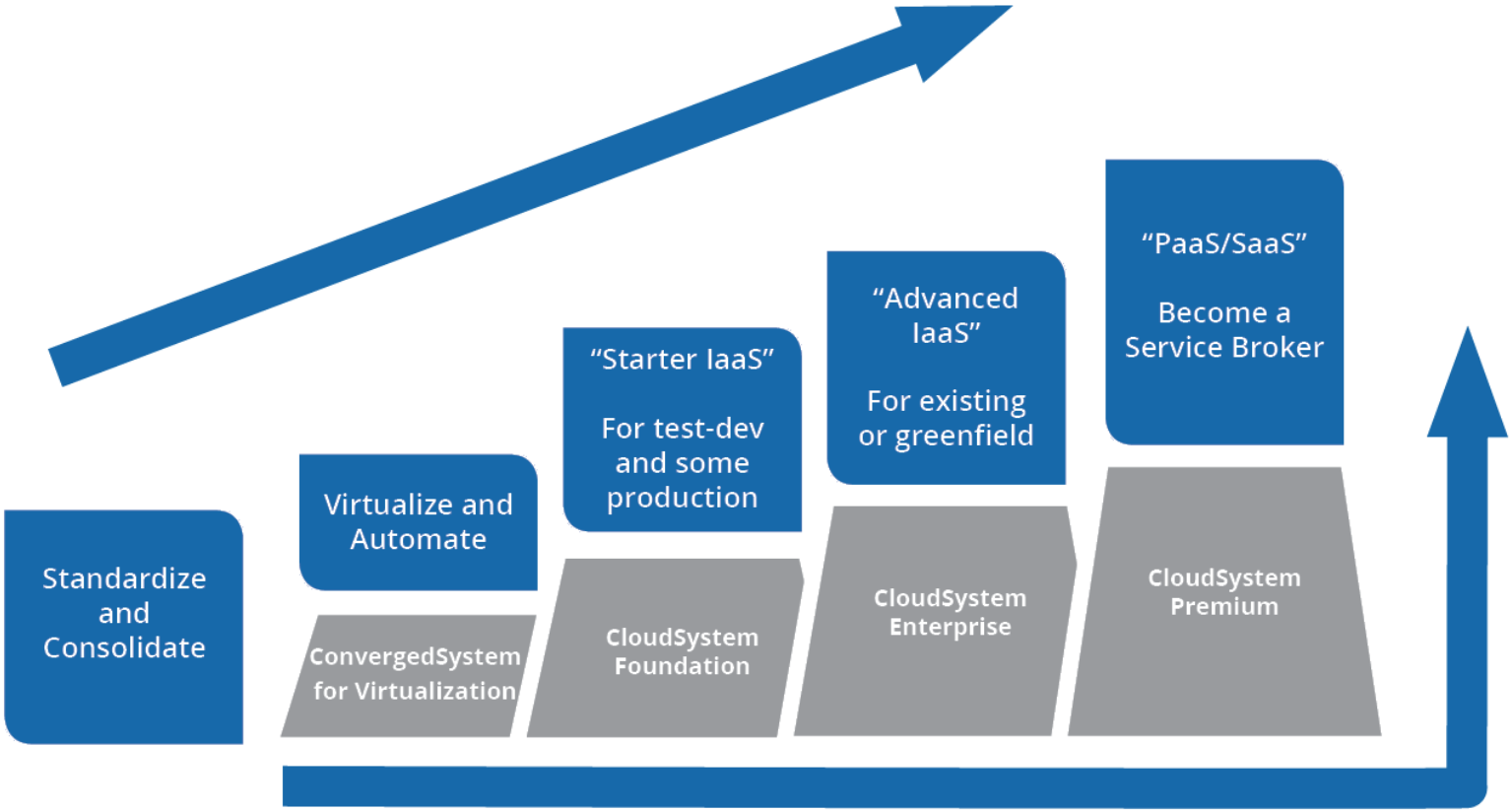
HP CloudSystem – a journey



IT transformation, with the right solution and the right time

Further reading

Try Cloud: http://ow.ly/x6m19

Register to attend HP Cloud event 5th June: http://ow.ly/x6lkN

Thanks for joining us

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