

IT



How Corporate IT Transform through Cloud Adoption –

A Microsoft Internal Story

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Principal IT Manager



Agenda

Why we are moving to the cloud

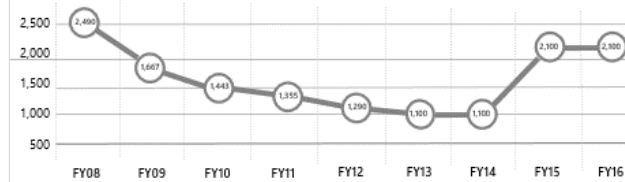
Cloud technology satisfies...

- a) CEO's desire for greater business **agility**
- b) CFO's desire for **operational efficiency**
- c) CMO's desire for **innovative ways** to engage customers



Our adoption approach

Manage the application portfolio



Operationalizing the cloud

Microsoft Treasury Migration



Why we are moving to the cloud

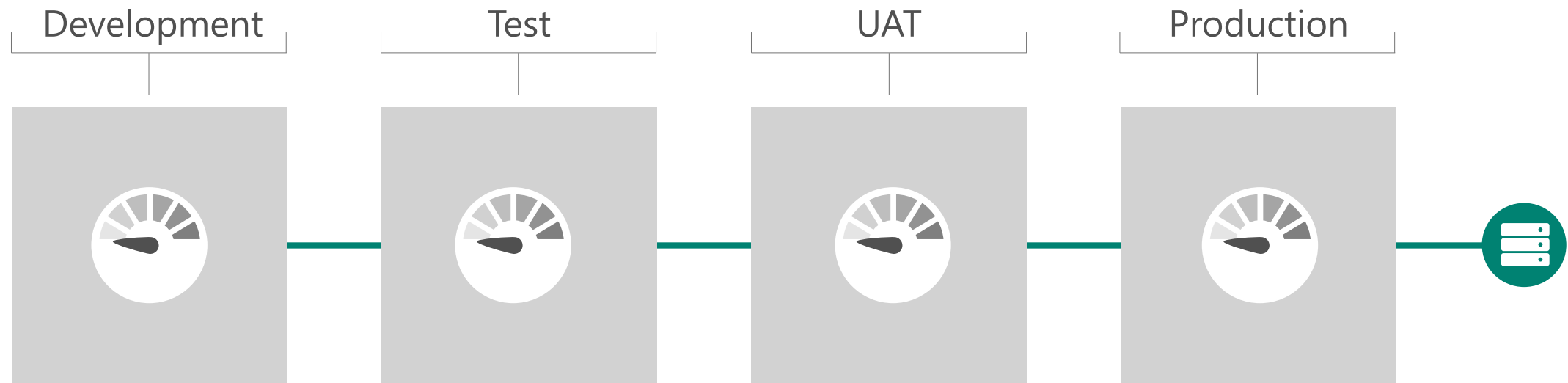
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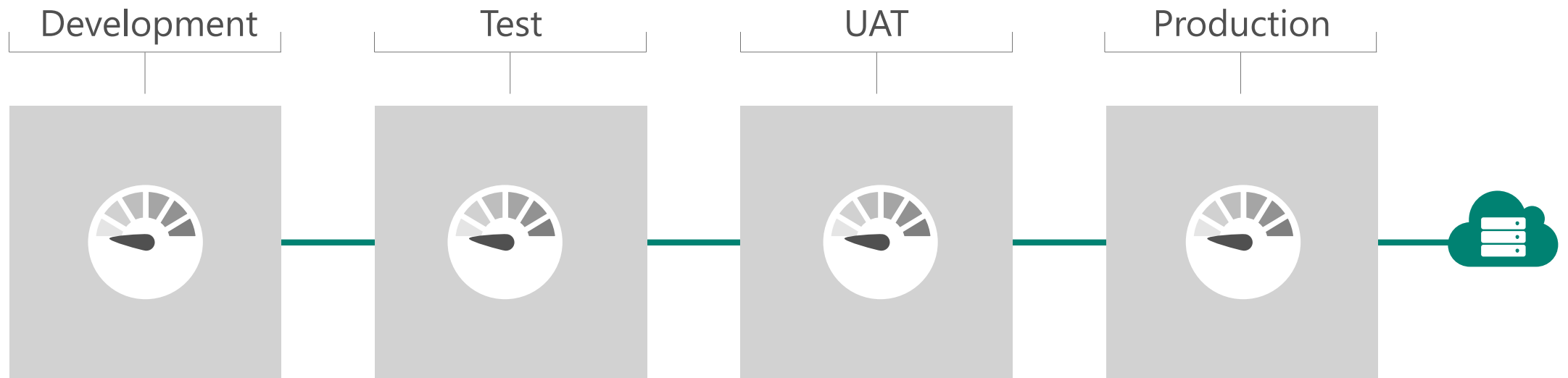
Why we are moving to the cloud

Pre-cloud economics



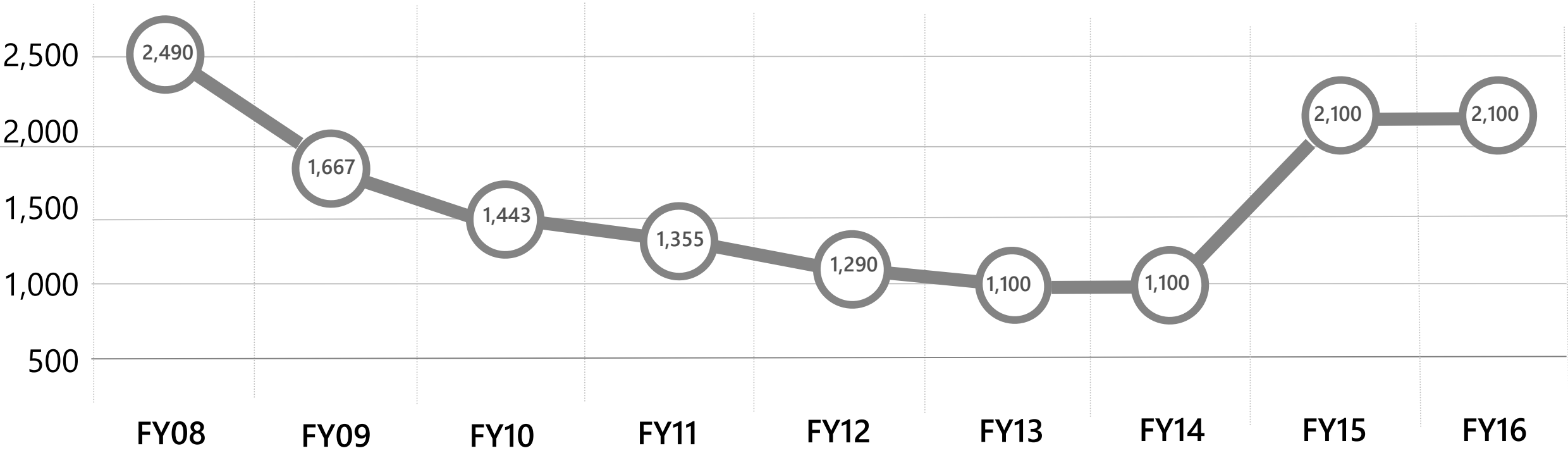
Why we are moving to the cloud

Post-cloud environment economics



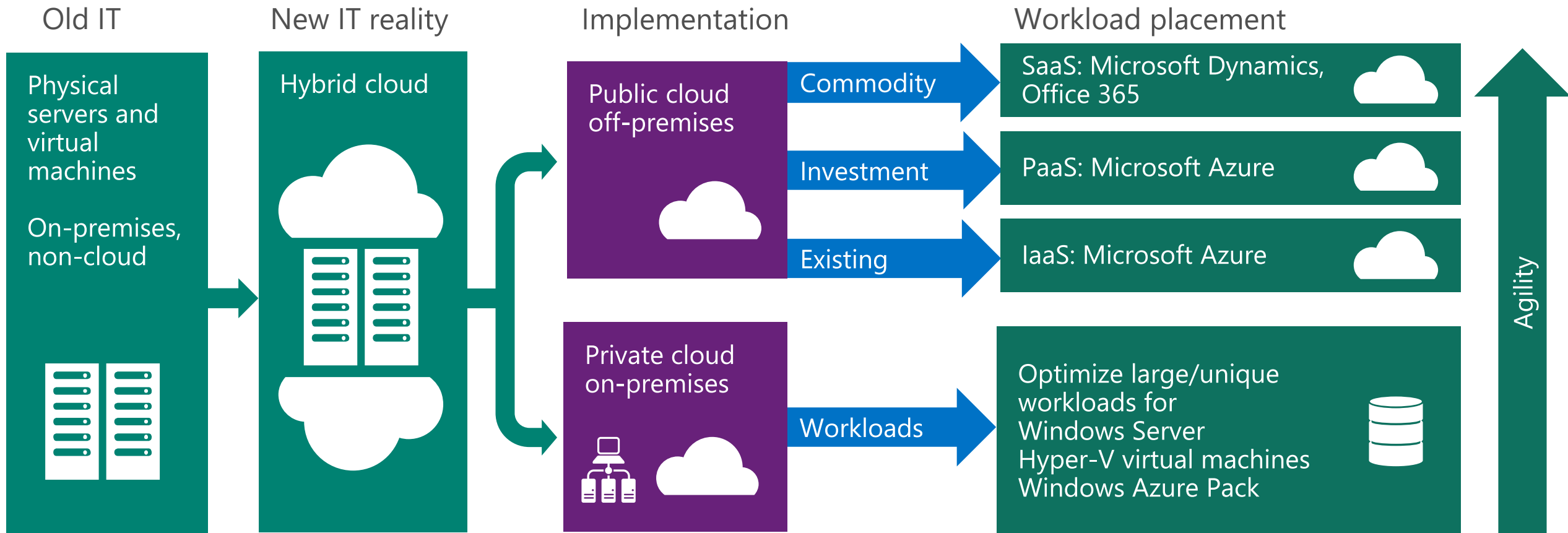
Our adoption approach

Manage the application portfolio



Our adoption approach

Hybrid cloud strategy



Our adoption approach

Application selection criteria

Business factors

Not mission critical	Mission critical
No regulatory exposure	Regulatory exposure
Low-impact content	High-impact content

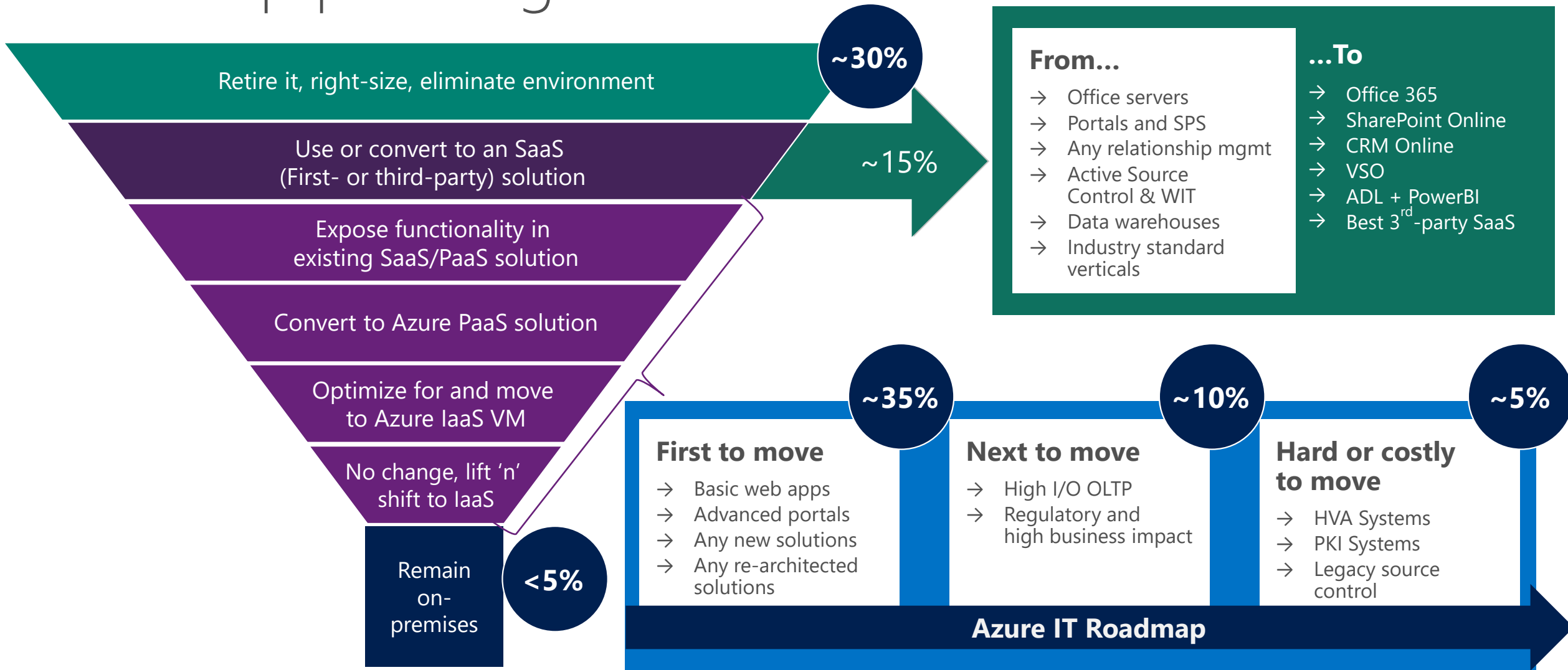
Now ← **Next**

Technical factors

Not cross-premises	Cross-premises
Low monitoring needs	High monitoring needs
Custom app integration	Packaged app integration
Medium database storage	Large database storage
Not chatty	Very chatty
Latency insensitive	Highly latency sensitive

Our adoption approach

Roadmap planning



Operationalizing the cloud

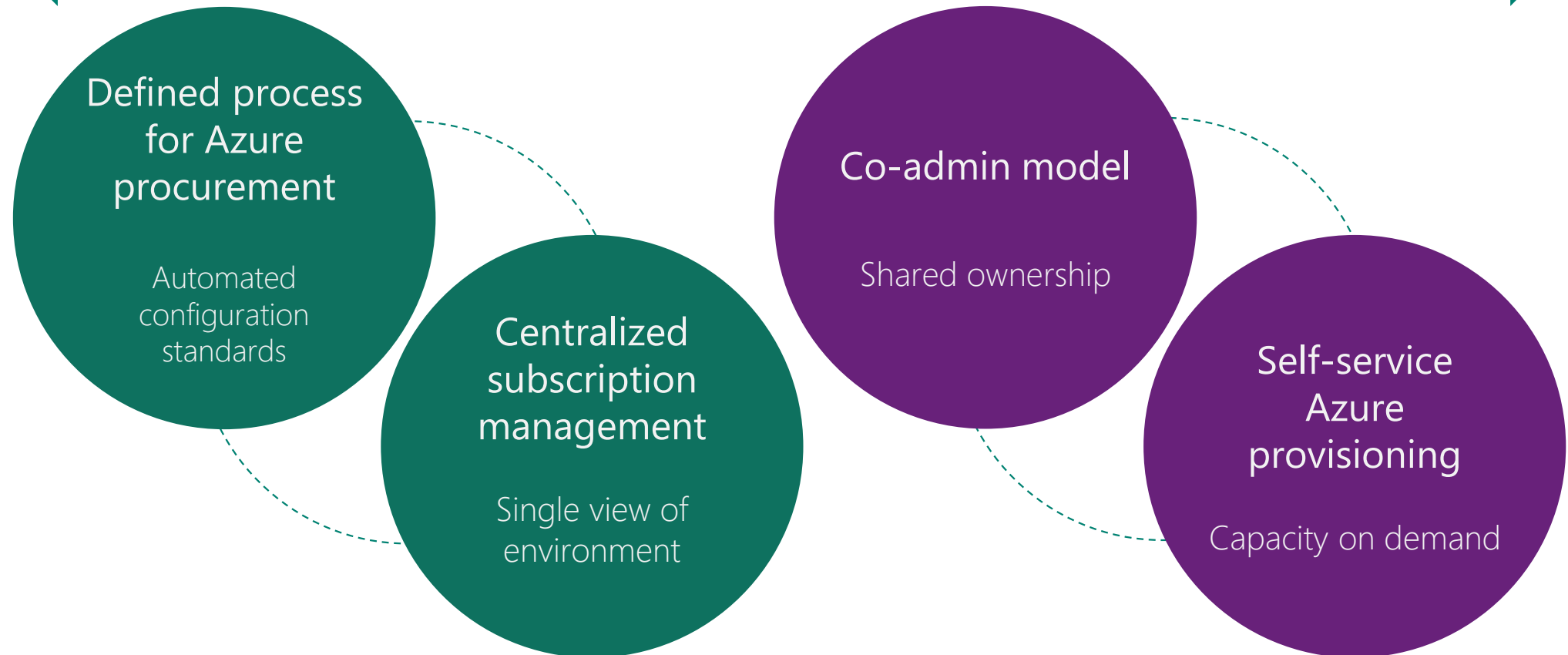
Operationalizing the cloud

Managing cloud subscriptions



Control and compliance

Speed and agility



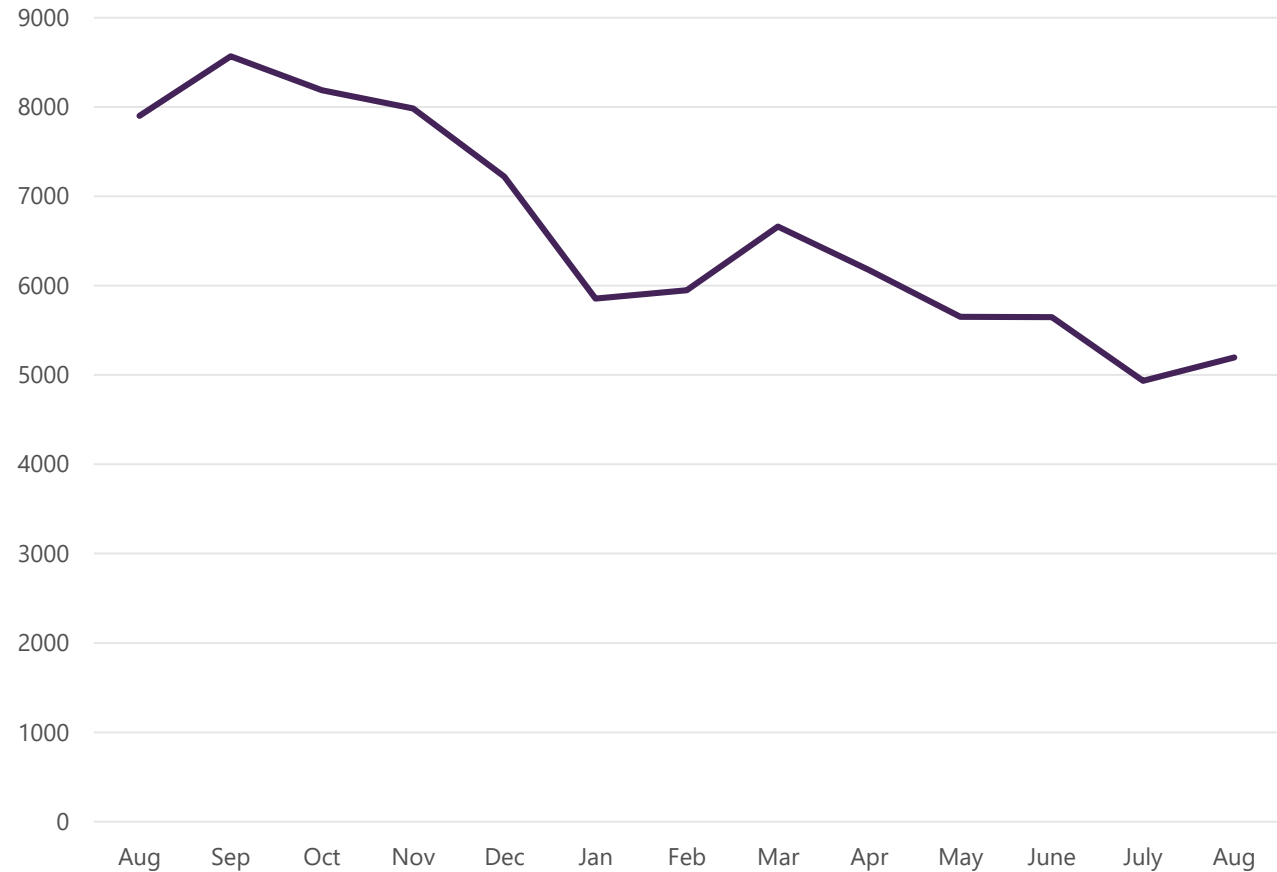
Operationalizing the cloud

Realizing efficiencies

Computing allocation trends



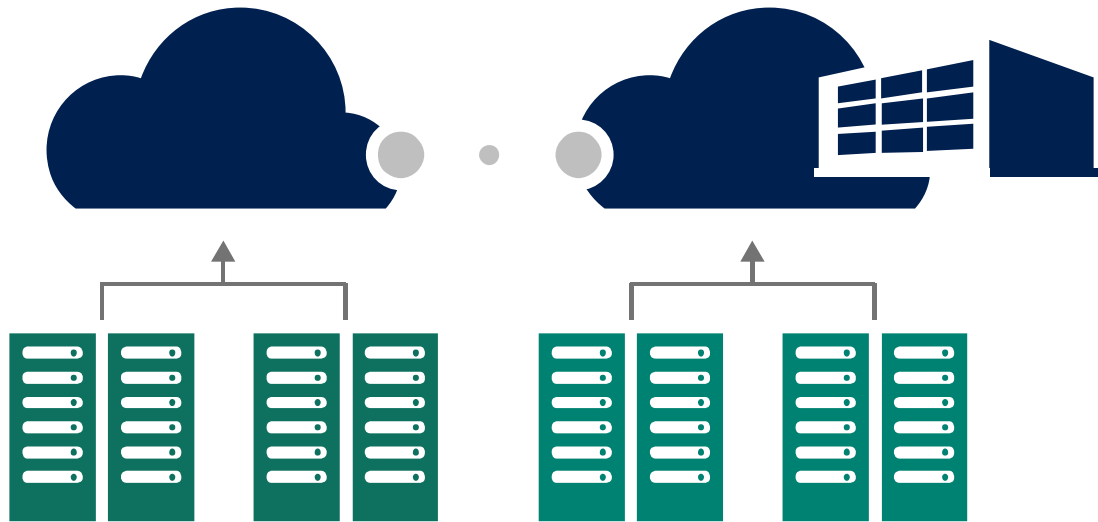
Infrastructure incident trends



Operationalizing the cloud

Secure the infrastructure

Pre-cloud



Focus on perimeter-based security

- Secure network devices to control access
- Firewalls to prevent malicious programs and entities
- IDS (intrusion detection systems) can detect most breaches
- DLP (data leakage protection) devices can track unauthorized information sharing

Device-level security

- Device type and software versions (operating system, update level, etc.) determine levels of access
- Anti-malware governance is critical

Operationalizing the cloud

Secure the infrastructure

Post-cloud



User education and awareness

- Additional options for sharing information can increase risk
- Use good practices around managing credentials, such as passwords, PINs, etc.

Use security capabilities of cloud services and resources themselves

- Cloud services may natively integrate multi-factor authentication, data loss prevention, and behavior anomaly detection

Segmentation must be used to control access

- Virtual networks must segment machines to stop intrusion
- Application segmentation must become part of standard architecture

The network edge is growing

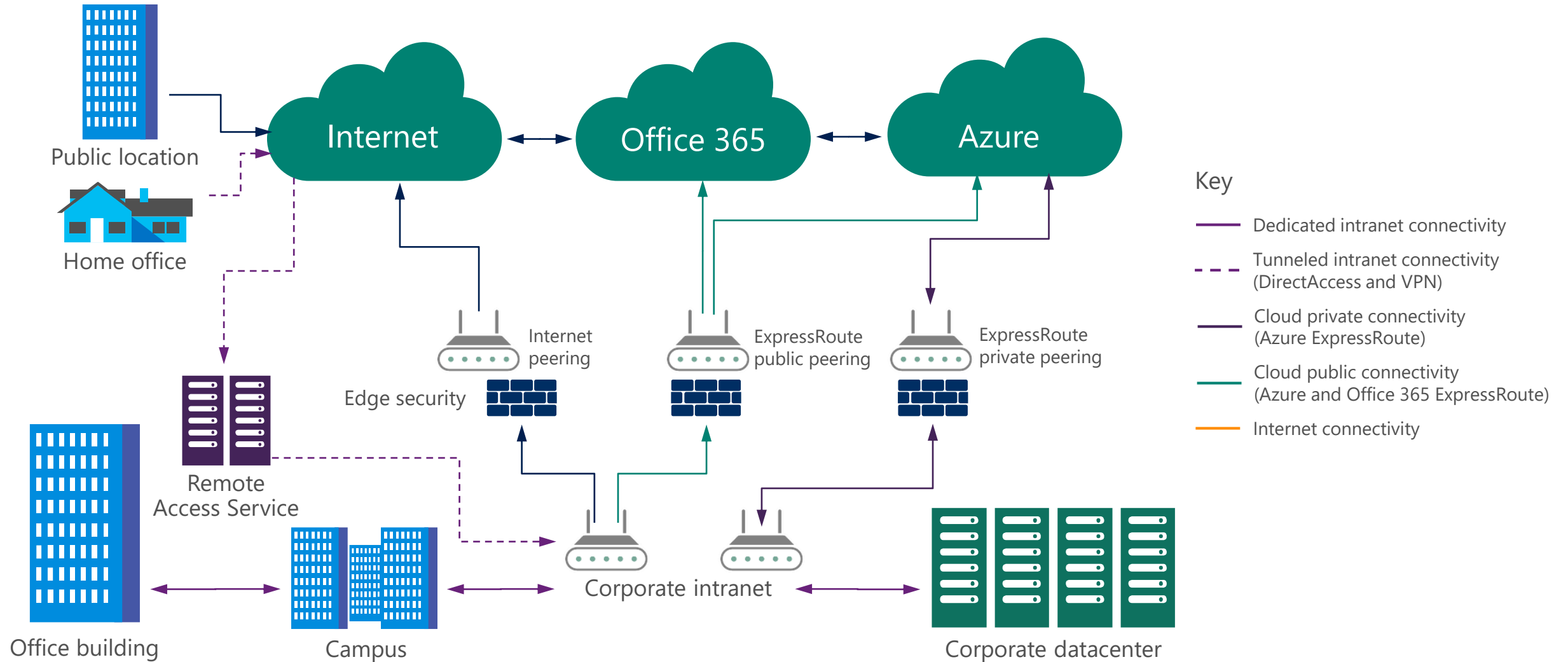
- Internet egress is business-critical, design for secure growth

Application security is paramount

- With a virtual perimeter, an emphasis on intrusion testing is required

Operationalizing the cloud

Modernizing network architecture



Operationalizing the cloud

Cloud for mergers & acquisitions

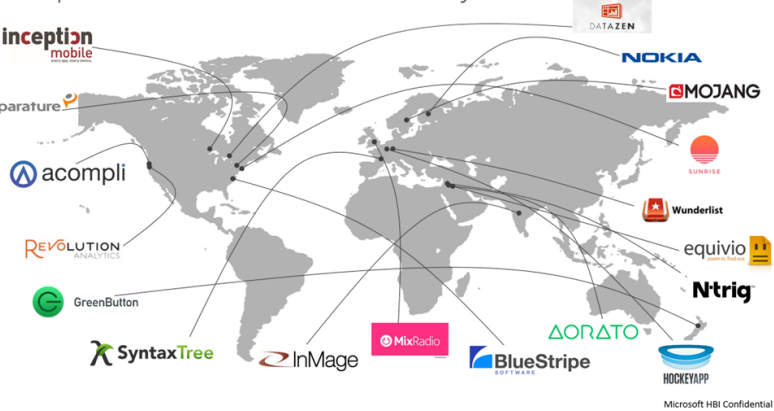
FY15 activity

17
Transactions closed

16 Acquisitions

1 Divestiture

Acquisitions & Divestiture Activity



Integration costs reduced 50 percent across deal portfolio

Time to enable productivity reduced 50 percent

Employee onboarding

Core platforms migration

Data migration strategy

Site standardization

Transition to operations

Enterprise mobility

<https://www.microsoft.com/itshowcase/azuredays>

<https://www.microsoft.com/itshowcase/TopTrends/CloudPlatform>

