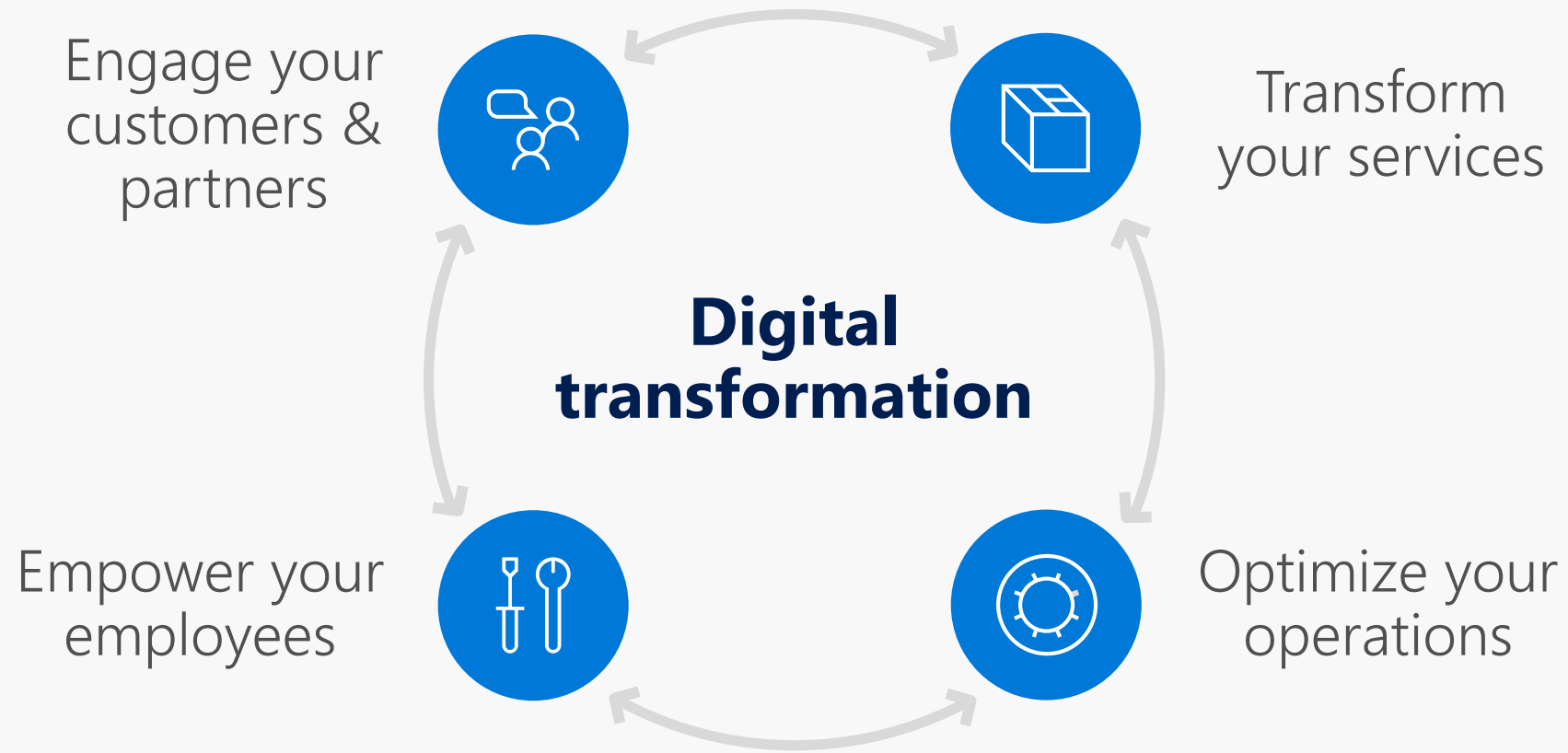# SC:Foundation

Shaping Cloud

Azure

Agenda

1. What is an Azure Foundation?
2. Azure Introduction
3. Procurement Options
4. Azure Administration
5. Infrastructure Administration
6. Identity
7. Data Services
8. PaaS scenarios
9. DevOps patterns

Shaping Cloud™

Azure

What is an Azure Foundation?

Shaping Cloud

Azure

What is an Azure Foundation?

SC:Foundation

- An introduction to the Microsoft Azure Cloud

- Boosts staff confidence in using Azure toolset and portal

- A base Microsoft Azure environment that is implements Microsoft best practices

- A cloud environment that can be used for production workloads or further internal testing

- A limited demonstration and setup of more complex Azure Cloud services

- Intended to be interactive - focusing on tooling over slides. Tangents are welcomed!

Shaping Cloud

Azure

Going Digital

1 million/hour
new devices
coming online
by 2020

12 years
average age of S&P
500 corporations
by 2020

81% businesses
running in a hybrid
environment

Microsoft Azure

Microsoft Azure is an ever-expanding set of cloud services to help your organisation meet your business challenges. It's the freedom to build, manage and deploy applications on a massive, global network using your favourite tools and frameworks

Trusted
70+ compliance offerings – the largest portfolio in the industry

Open and Hybrid
Develop and deploy where you want, with the only consistent hybrid cloud on the market.
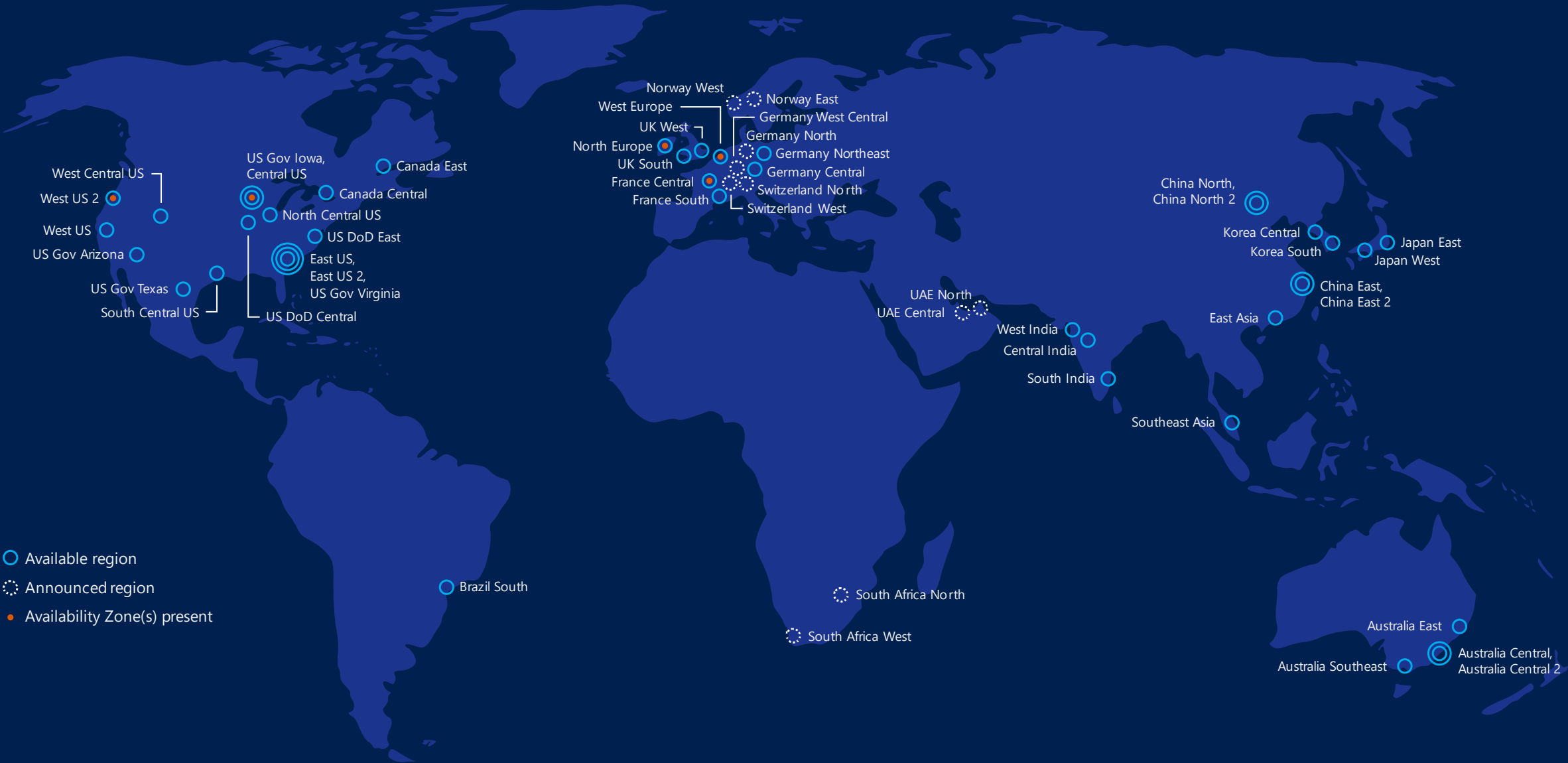
Productive Innovation
Reduce time to market, by delivering features faster with over 100 end-to-end services.

Data-Driven Intelligence
Create intelligent apps using powerful data and artificial intelligence services.

50 regions

West Central US
West US 2
West US
US Gov Arizona
US Gov Texas
South Central US

US Gov Iowa, Central US
Canada Central
North Central US
US DoD East
East US, East US 2, US Gov Virginia
US DoD Central
Canada East

Norway West
West Europe
UK West
North Europe
UK South
France Central
France South

Norway East
Germany West Central
Germany North
Germany Northeast
Germany Central
Switzerland North
Switzerland West

China North, China North 2
Korea Central
Korea South
Japan East
Japan West
China East, China East 2
East Asia

UAE North
UAE Central
West India
Central India
South India
Southeast Asia

Brazil South

South Africa North
South Africa West

Australia East
Australia Central, Australia Central 2
Australia Southeast

○ Available region
◌ Announced region
● Availability Zone(s) present

Momentum

194 billion
External Requests made to Azure App Service

340 billion
Azure SQL query requests processed/day

750 million
Azure Active Directory users

188 billion
Hits to websites run on Azure Web App Service

>90%
of Fortune 500 use Microsoft Cloud

Next Steps

Early Workloads   **Mature Workloads**

Dev/Test   SAP on Azure

Backup, Archive, DR   SharePoint on Azure

BI +Analytics   RedHat on Azure

Internal business apps   Internet of Things

Customer facing apps   High Performance Compute

Questions?

Please contact us below for more information:

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Azure