



**Gijima GTS**  
SAP on Azure

Gold  
Microsoft Partner



**Gijima**  
Technology People

**Gijima** Technology Solutions

# MICROSOFT | Service Offering Overview

## Digital Organisation

- Cloud Modernisation
- Enterprise Modernisation
- Digital Journeys



## Optimise Digital Operations

- Reduce Maintenance
- Increase Agility and Scalability
- Governance and Compliance



## Customer Centric

- Engage Customers
- Natural Connect



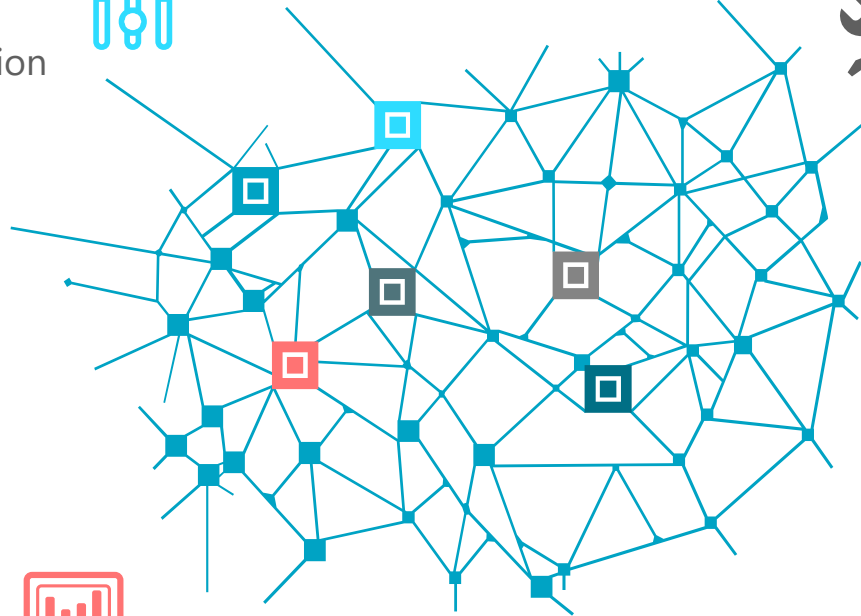
## Empower Workforce

- Modern Workplace
- Integrated Collaboration
- Work Effectively



## Transform Services

- Legacy Transformation
- Reinvent Services
- Accelerate Products



Every company is a software company. You have to start thinking and operating like a digital company. It's no longer just about procuring one solution and deploying one. It's not about one simple software solution. It's really you yourself thinking of your own future as a digital company."

Satya Nadella, Microsoft CEO



# Gijima Microsoft | Credentials and Certifications



- Achieved Microsoft Azure Advanced Specialization for Windows Server and SQL Workloads Microsoft to Azure
- Select Microsoft Services partner for large scale Cloud Modernisation Services (only partner outside the USA and India)
- First SAP workloads on Azure in South Africa with public case study
- Select Azure Launch Partner for Microsoft South African
- Microsoft Gold Partner with multiple locally attained Gold competencies
- Microsoft MEA Office 365 High Touch Partner (one of two in Africa)
- Extensive Office 365 experience with more than 3.5 million cloud enabled instances globally
- Microsoft Azure Stack JDP and EAI Partner
- Microsoft FastTrack Partner

 Azure | Apps | Platform | Stack | Hybrid

 Office 365

 Enterprise Mobility

 Dynamics 365

 Project Online

Rehost



Refactor



Rearchitect



Rebuild

Gold  
Microsoft Partner  


Gold Cloud Platform  
Gold Cloud Productivity  
Gold Data Platform  
Gold Data Analytics

Gold Security  
Gold Application Development  
Gold Collaboration and Content  
Gold Communications

Gold Messaging  
Gold Datacenter  
Gold Windows and Devices  
Gold Application Integration

# MICROSOFT | Service Offering Overview



## Cloud Platform

- Large Scale Infrastructure Data and Platform Modernisation to Cloud
- Public and Hybrid Cloud Solutions
- Private Cloud with Windows Azure Stack
- Datacenter Automation and Orchestration
- Cloud Operations Management

## Enterprise Applications

- BOTS and AI
- Customer Relationship Management
- Data Visualisation
- Identity and Intelligent Security
- Enterprise Project Management
- Data Platform Modernisation

## Business Productivity

- Office 365 Cloud Productivity
- Power Platform
- Teamwork
- Portal and Content Management
- Unified Voice Connect (Teams)
- Rights Management and Information Projection

## Connected Devices

- Modernised Workforce 2.0
- Corporate Application Store
- Evergreen Services
- Cloud Device Management
- Operating System Refresh
- Desktop Anywhere

 Azure | Apps | Platform | Stack | Hybrid

 Office 365

 Enterprise Mobility

 Dynamics 365

 Project Online

Rehost



Refactor



Rearchitect



Rebuild

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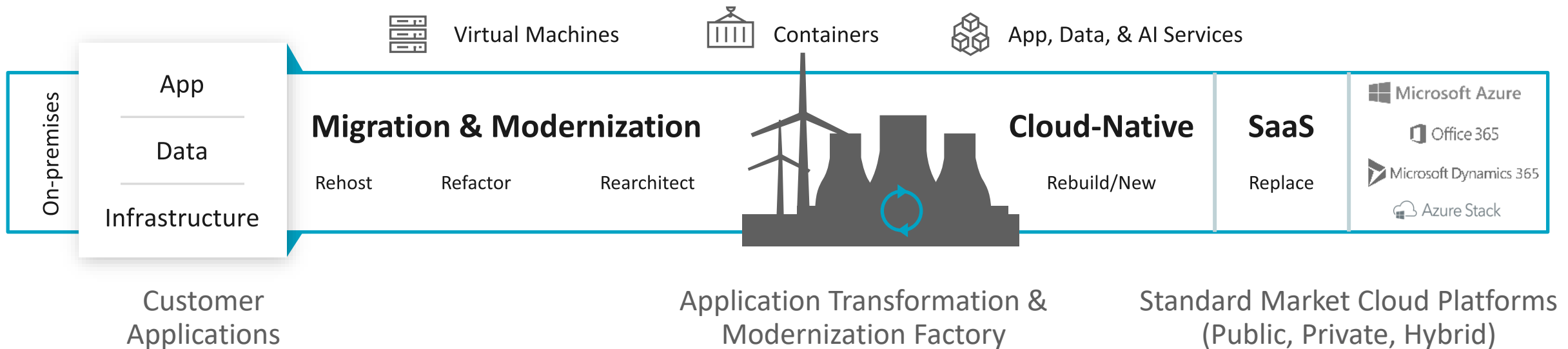

Gold Cloud Platform  
Gold Cloud Productivity  
Gold Data Platform  
Gold Data Analytics

Gold Application Development  
Gold Collaboration and Content  
Gold Datacenter  
Gold Windows and Devices

# TRANSFORMATION | With an Industrialized Approach



- End-to-end Application transformation to on premise or cloud platform destinations
- Industrialised Approach
- Predictable Cost and Duration





# SAP on Azure

## Overview

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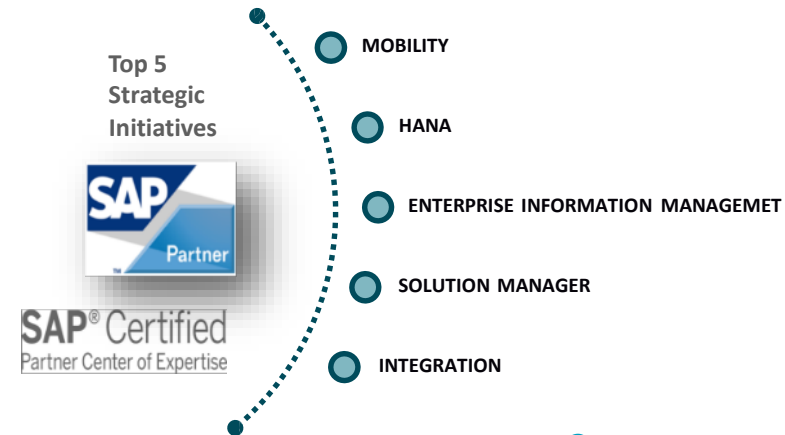
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# Core Services | SAP

## Overview

- Recognised as a leading SAP service provider in Southern Africa
- Gijima is a certified SAP Service Alliance Partner as well as a SAP VAR
- for All-in-One, SAP HANA sell and support authorised
- Gijima operates the one of the largest SAP Support Service Centre in Southern Africa (10,000+ users)
- Our clients benefit from the exceptional depth and breadth of business and product knowledge and implementation and support experience of more than hundred consultants in our employ.



## Key Offerings

### PLAN

#### Business Technology Advisory

- Strategies and Objectives
- Economic & Business cases
- Architecture & IT Domains
- Business Plan & Models
- Internal & External drivers
- Performance Measurement Models

### BUILD

#### Technology Transformation + Development Services

- Gijima develops and implements business solutions in the areas of SAP Business Suite solutions, value adding specialist solutions and also third party toolsets
- Turnkey Solutions
  - Implementation of SAP Projects
  - Upgrades (Functional and Technical)
  - Project Management
  - Change Management
  - Project Evaluation
  - SAP Audit
  - Continuous Business Improvement

### RUN

#### Application Lifecycle Management

- Support of your total SAP environment for large enterprises via remote or onsite resources or through our multi skilled SAP
- Support Hub
  - On-site SAP Support Services
  - Remote SAP Support Services
  - Full Outsource SAP Support Services
  - Co-source SAP Support Services
  - Tailor made commercial models

## Customers



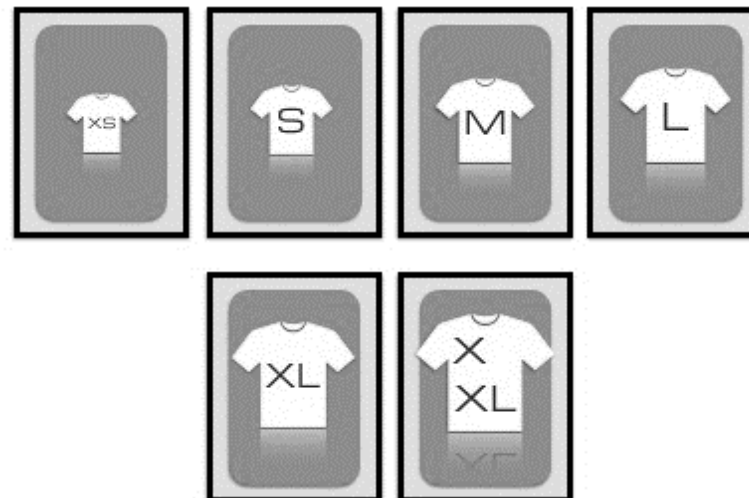
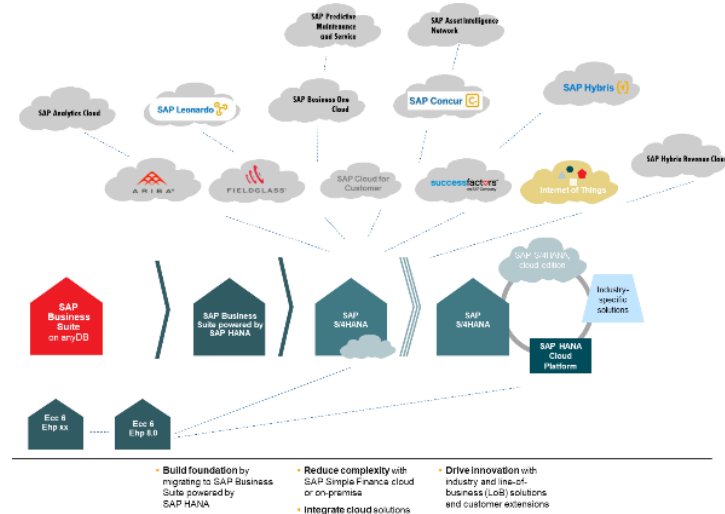
# GIJIMA CORE SERVICES | SAP

## BEYOND THE TRADITIONAL

- R/3, ECC Support
- Upgrades
- Patches

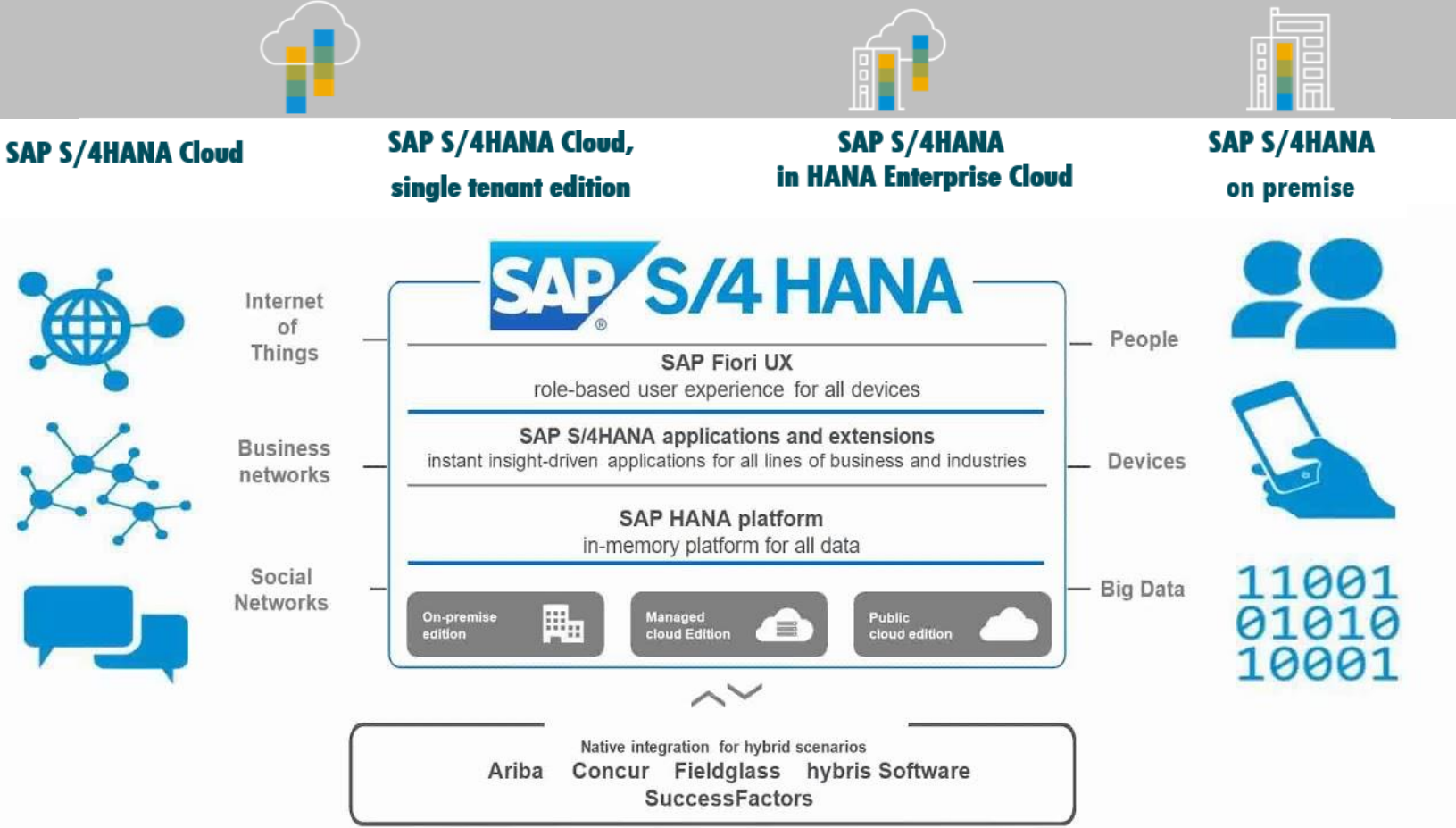
## CLOUD MIGRATION FACTORY

- Strategy & Planning
- Multi Cloud Service Integration
- "Lift & Shift"
- Best Practises
- "T-Shirt" Fit to Size





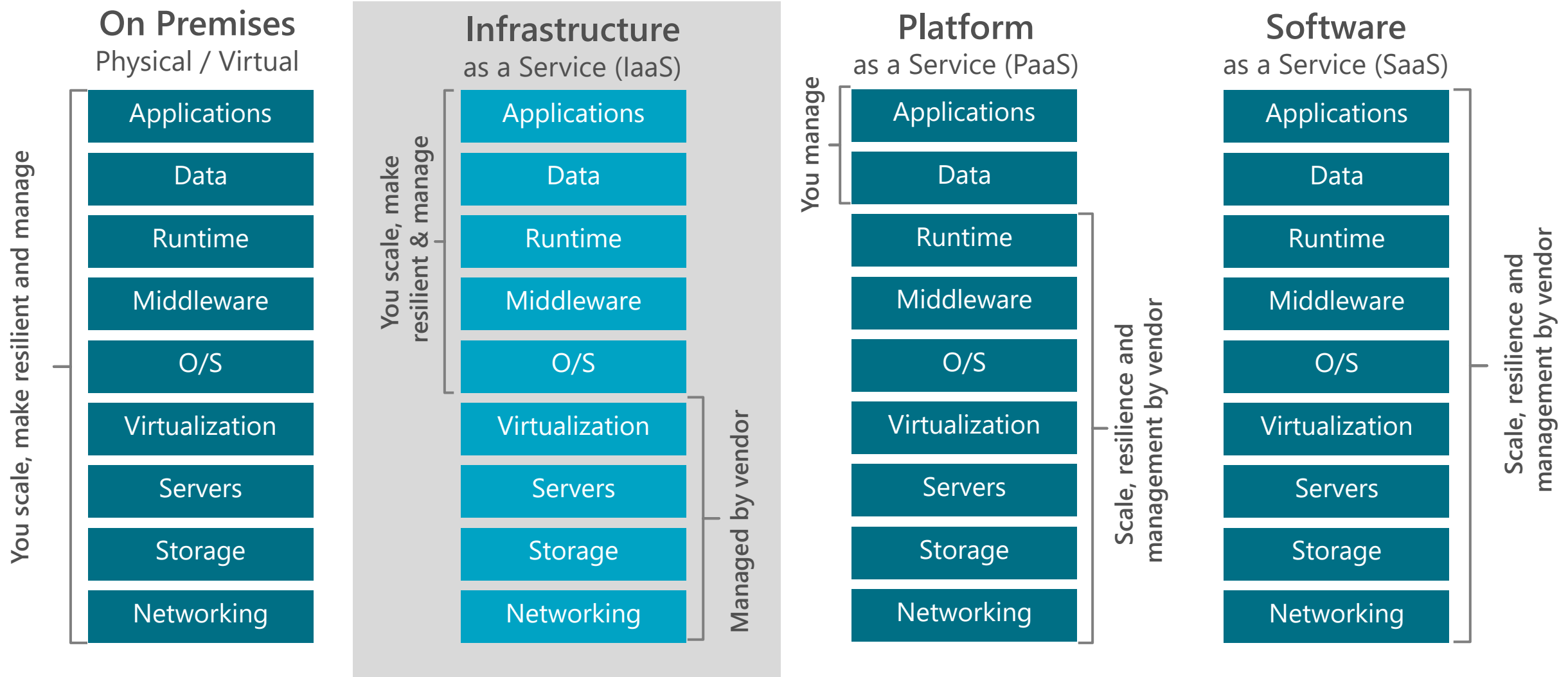
# S/4 MIGRATION | What TRANSFORMATION direction do you take?



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



# SAP on Azure | Overview





# Benefits of Replatforming SAP to Public Cloud

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# SAP on Azure | Advantages of Public Cloud Over On-Premise SAP



## Scalability

Workloads grow as quickly as demand requires without delay and can shrink or end-of-life without the worry of hardware lock-in.



## Speed of provisioning

Since infrastructure is in place and operational, provisioning time is vastly reduced.



## Partner and services ecosystem

Whole ecosystems of vendors offering technology and services are available.



## Built-in tooling

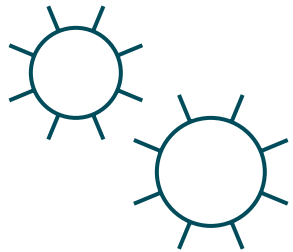
Robust tools for implementing and managing workstreams reduce management overhead for IT teams.



## Pay for use

Only pay for the capacity you actually use, delivering budget efficiency and flexibility to respond to changing competitive and market conditions.

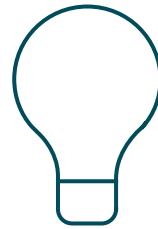
# SAP on Azure | SAP in the Cloud can Power Better Business Processes, Innovation and Insights



## Faster, Simpler Processes

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Azure offers a high performance infrastructure for SAP



## Accelerated Innovation

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Accelerate innovation by removing barriers and time to set up systems, enabling fast experimentation –accelerating the build, measure and learn cycle



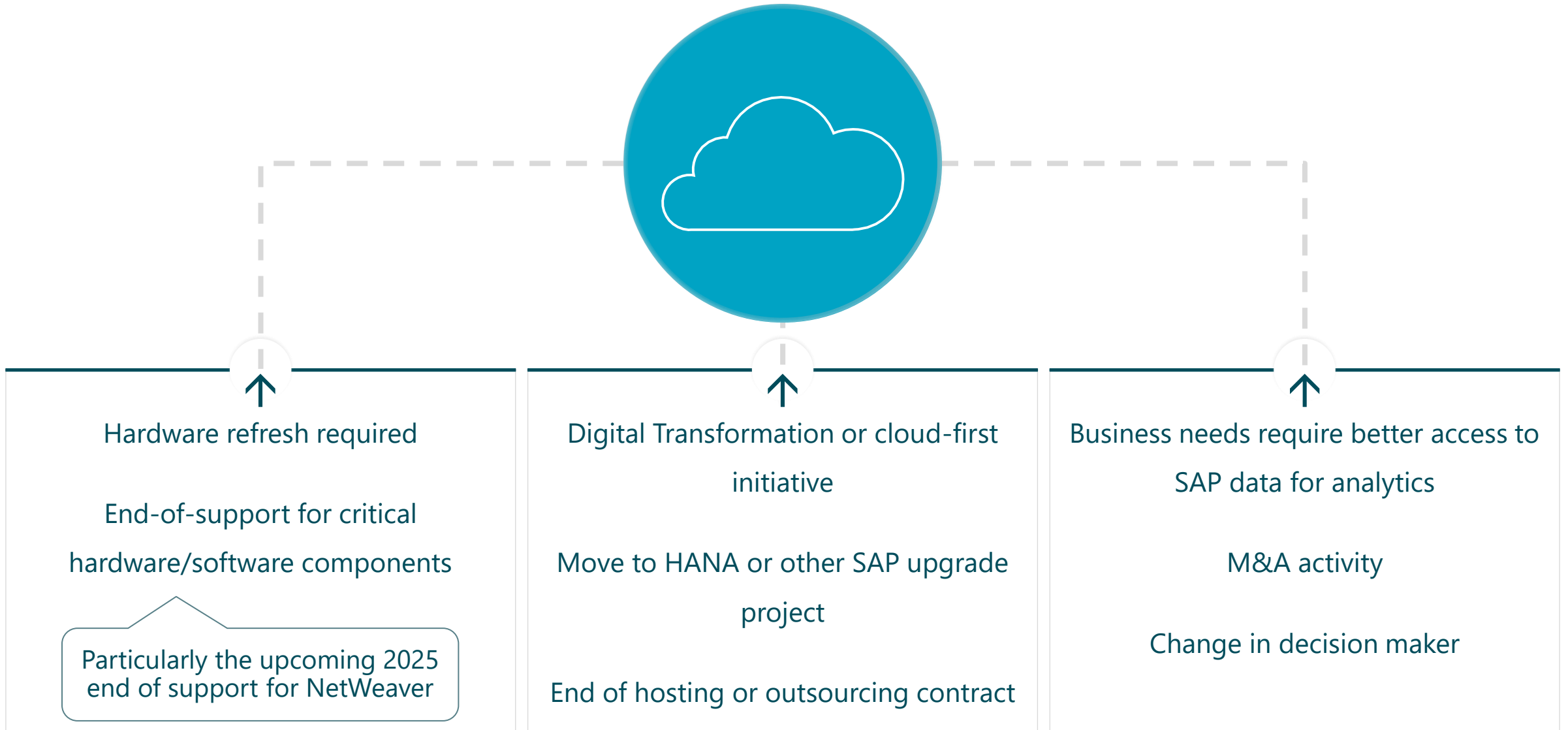
## 360 Insight

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Generate compelling insights by aggregating SAP and non-SAP data to provide a 360° view of markets, transactions and customers



# SAP on Azure | Opportunities for moving SAP to public cloud



Microsoft Azure  
The best cloud platform  
for SAP

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# SAP on Azure | Microsoft and SAP Deliver a Modern IT Foundation



We are committed to empowering digital transformation and innovation for our customers



**Optimized:** Roadmaps and innovation by design

- ✓ Co-located developers
- ✓ Unique capabilities and experience



**Trusted:** Not just partners, but customers as well

- ✓ SAP runs on Microsoft and Microsoft runs on SAP
- ✓ 85% of Fortune 500 have SAP and Microsoft Cloud

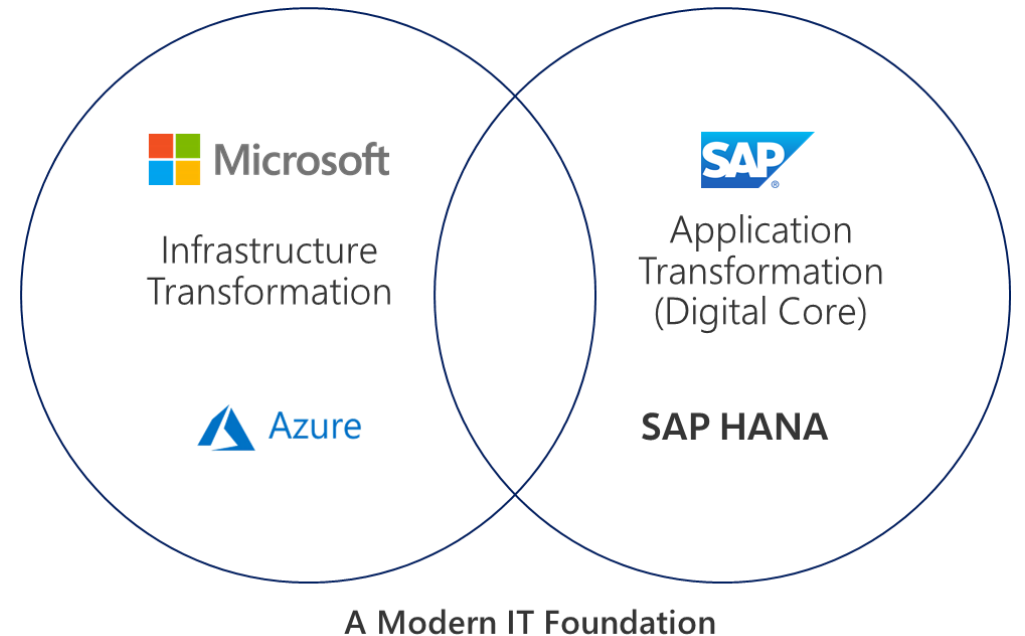


**Seamless:** Integrated enterprise-class support

- ✓ Seamless support provided by co-located support staff
- ✓ Co-located engineering & aligned sales and marketing teams



A 20+ Year Partnership





# SAP on Azure | Why SAP on Azure?



## **Leverage built-in Innovation:**

Azure supports an extensive number of services to cover today and tomorrow's needs: GDPR, Big Data, Advanced Analytics, AI, Machine Learning, Chat Bots, etc.



## **Take Security to the next level:**

Microsoft is investing more than 1 Billion \$ every year making Azure one of the most secure platforms available today. Azure has more certifications than any other cloud provider (private or public).



## **Increase your Business Agility:**

Deploy new SAP systems in minutes rather than weeks. Quickly adopt changing business needs by adding/removing VMs. Leverage new generations of Azure VMs immediately after release. Full choice for HANA: From 192GB to 24TB memory.



## **Reduce cost:**

Right-size systems and don't run systems that are hardly leveraging their capacity. "Pay as you go" model with Azure allows you to snooze systems when not needed (use only what you need – Pay for only what you use). Run temporary systems for limited period of time.

STD

## **Standardize all your SAP solutions on Azure:**

Success Factor, SAP Cloud Platform and other SAP innovative services are available in Azure

# SAP on Azure | Reliable, High Capacity SAP Infrastructure on Azure

## On-demand infrastructure

E-series VMs  
for dev/test  
and PoC

**Up to 0.5 TB RAM**  
Globally available

M-series  
VMs for most  
implementations

**192 GB to 4.0 TB RAM**  
SAP HANA certified for production

## Purpose-built infrastructure

SAP HANA  
Large Instances  
for extreme  
scale and  
performance

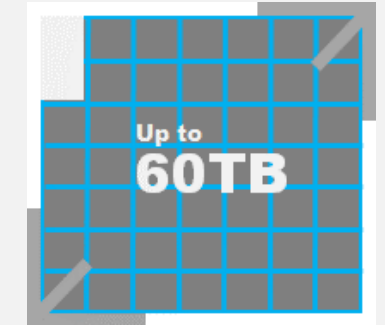
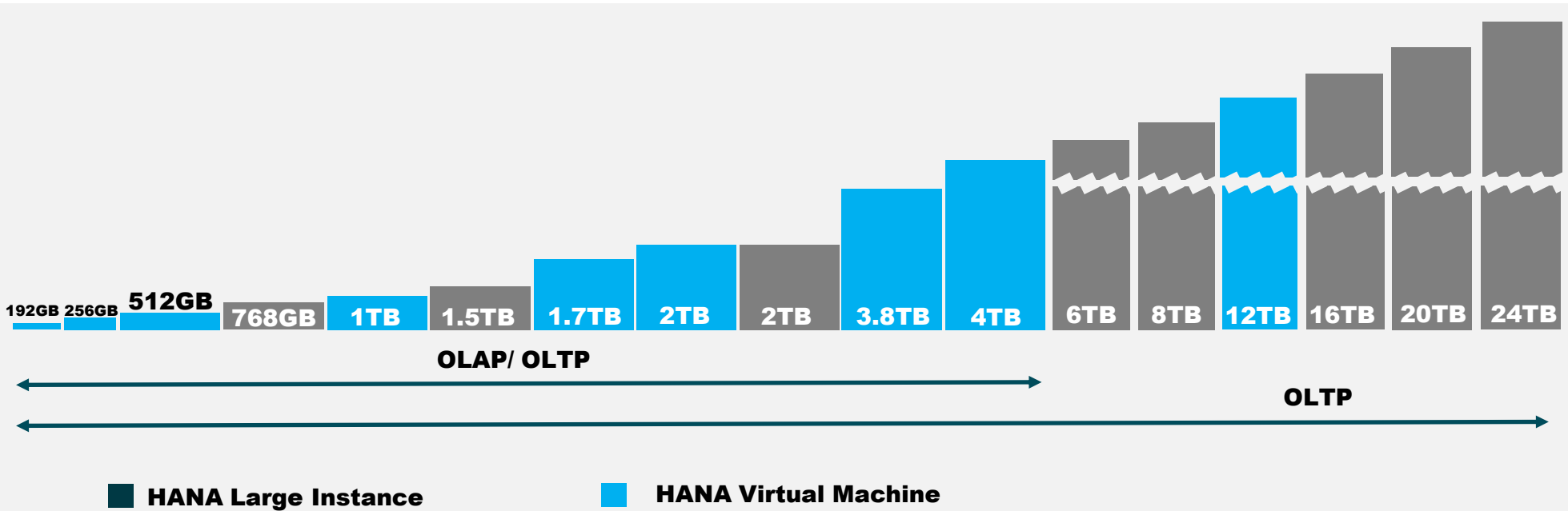
**0.7 TB to 24 TB RAM**  
SAP HANA certified for production

# SAP on Azure | Your HANA Options on Azure

## From 192GB to 24TB memory

SCALE-UP

SCALE-OUT



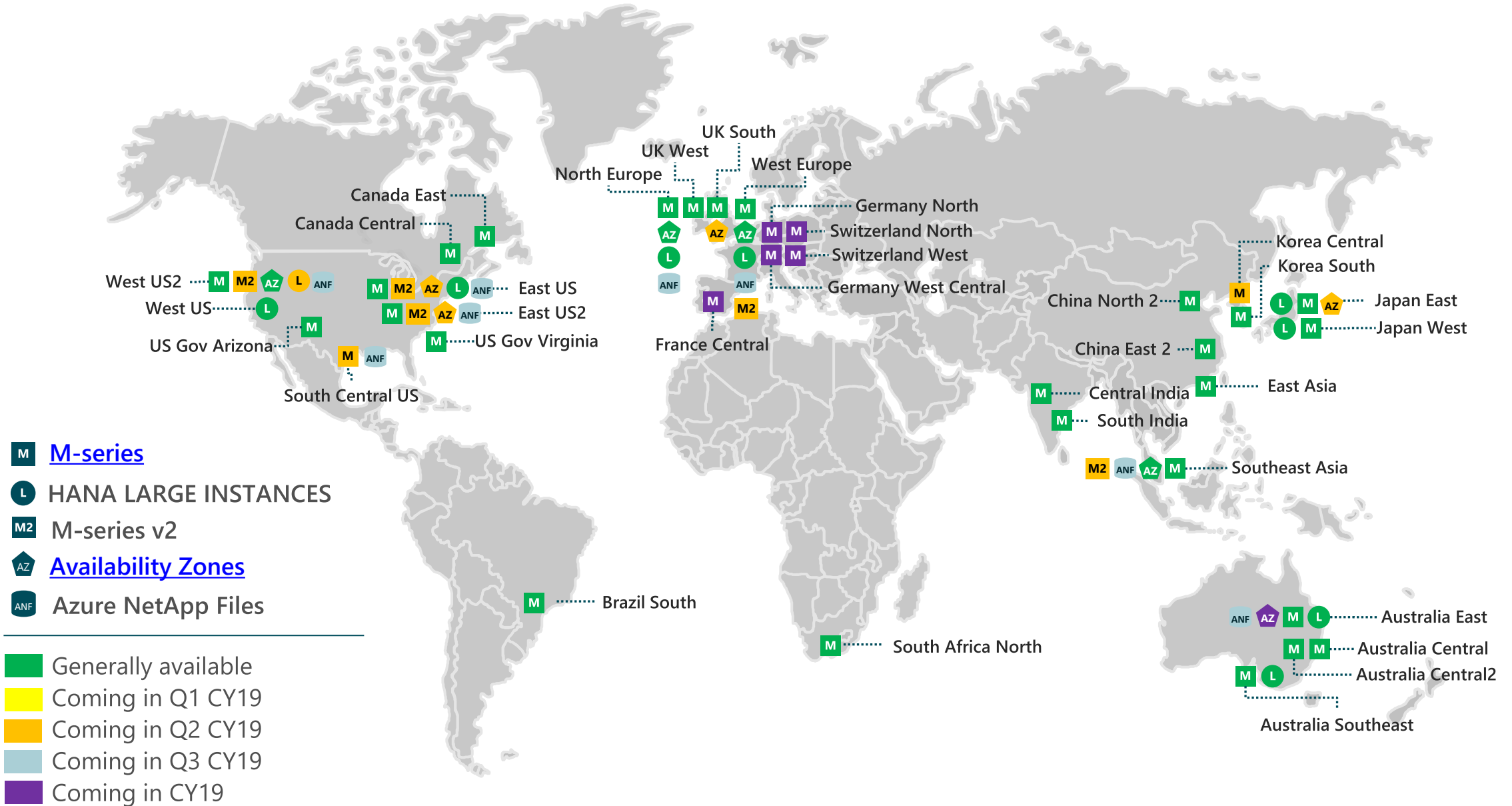
OLAP

HANA Large Instances are not separately listed in the HANA hardware directly but are part of the hardware vendor HANA TDI certification (see SAP note 2316233). HANA VM sizes are available between 64GB and 3.8TB (at this point in time, not all certified for production use).





# SAP on Azure | SAP on Azure Roadmap





2014










**2017 (3 Years Later)**


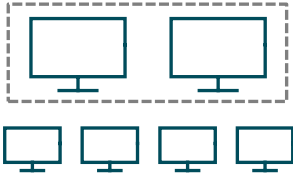
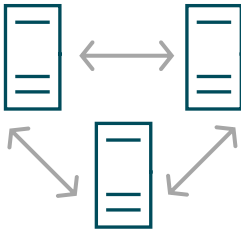
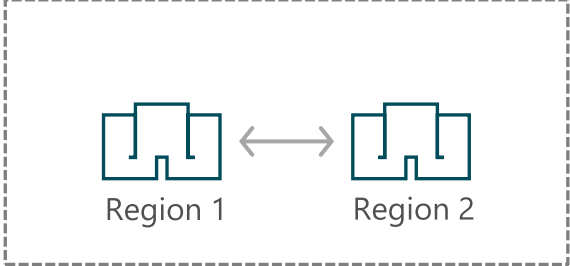




# SAP on Azure | SAP on Azure Maturity


 Hyperscale Cloud				 Enterprise DNA				 Purpose-Built for SAP			
42	Global Regions	33k Miles	Active Fiber	1989	SAP Relationship	17	Enterprise Apps SAP runs on Azure	20/60 TB	SAP Certified	2 Prong	Pioneers of Virtual & Bare Metal
\$1 B	Spent on Security Annually			50TB	Microsoft SAP estate in Azure	220+ SIs	WW focused on SAP on Azure	30-70%	Cost Savings	HA+DR+Backup Integrated	
8k+	ISP Sessions	71 Compliance Certifications		SCP and HEC on Azure				Secs	Full 60TB backup	99.99 % SLA	OLAP & OLTP
>100k Cores	Elasticity	>4K	Ready Market Place Offerings	82%	License mobility and HUB Savings	Joint Support with SAP		192GB -24TB	Widest range	26 Sizes/22 Regions	For every purpose


# SAP on Azure | Most Comprehensive Resiliency and Best SLA


INDUSTRY-ONLY	INDUSTRY-LEADING HIGH AVAILABILITY SLA		INDUSTRY-LEADING DISASTER RECOVERY
VM SLA 99.9%	VM SLA 99.95%	VM SLA 99.99%	REGIONS 52
			
<b>SINGLE VM</b> Protection with Premium Storage	<b>AVAILABILITY SETS</b> Protection against failures within datacenters	<b>AVAILABILITY ZONES</b> Protection from entire datacenter failures	<b>REGION PAIRS</b> Protection from disaster with Data Residency compliance

# SAP on Azure | Microsoft Runs SAP on Azure



## Completed 50TB data migration to Azure in Feb 2018

 Deliver reliant and agile ERP platform

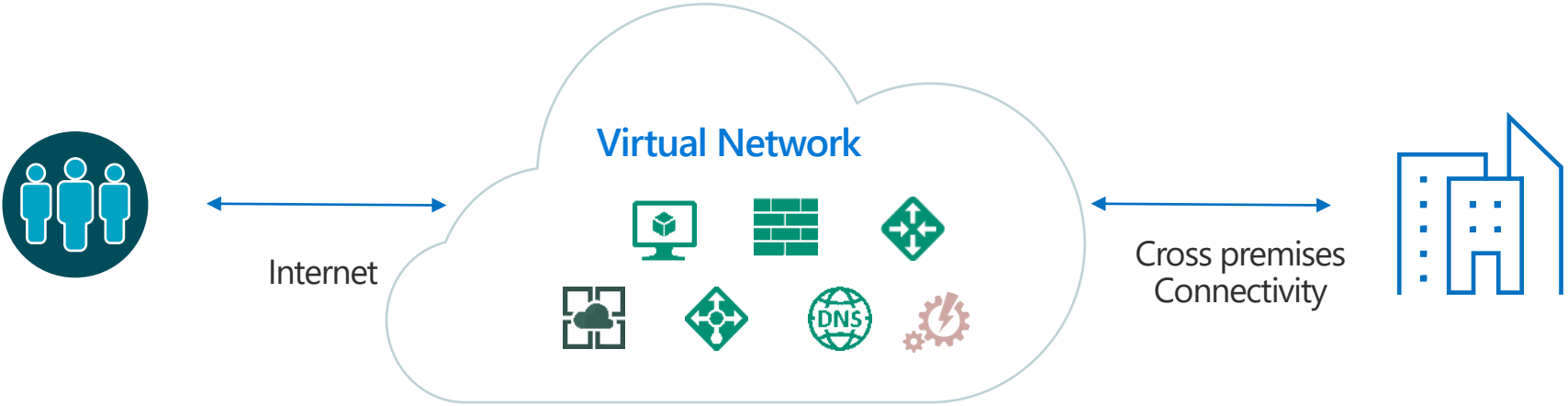
 Enable modern experiences

 Provide real-time processes



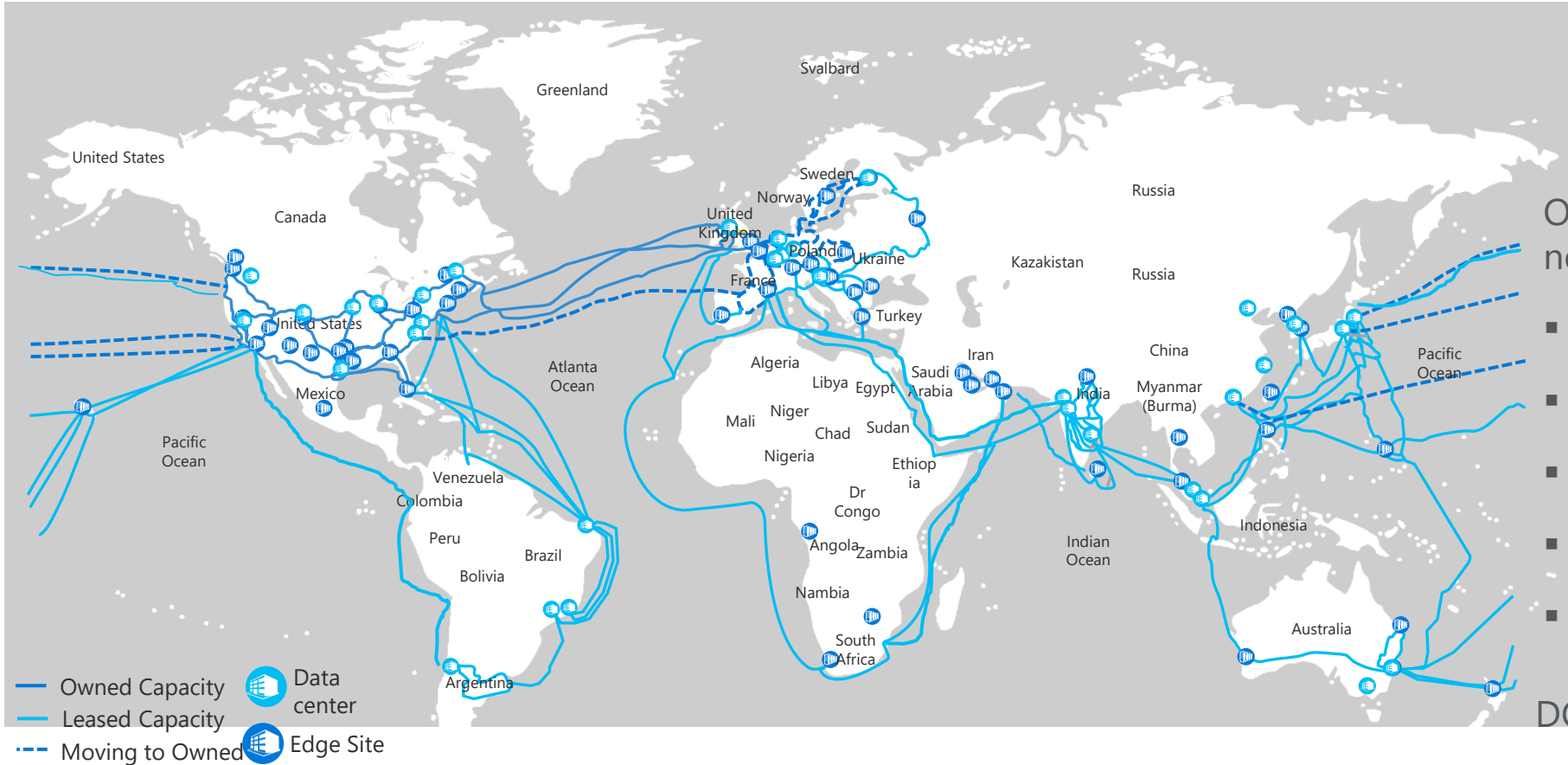
<p><b>16TB</b> Highly compressed database</p>	<p><b>300K</b> Monitored batch jobs/month</p>	<p><b>4M</b> Dialog steps/day</p>	<p><b>110K</b> Internal users (Mostly Indirect Access to SAP)</p>
<p><b>6K</b> Named user accounts</p>	<p><b>99.998%</b> Raw SQL/Win uptime</p>		<p><b>0.4</b> Seconds user response time</p>
	<p><b>170M</b> Transaction steps/month</p>	<p><b>5-7 % yearly</b> Incident ticket reduction</p>	<p><b>2X</b> System growth in past 2 years</p>
<p><b>≈600</b> Servers</p>	<p><b>250TB</b> Compression storage savings</p>	<p><b>2X</b> Transaction volume over 18–24 months</p>	<p><b>96%</b> Non-SAPGUI users</p>

# SAP on Azure | Your Network in Azure





# SAP on Azure | Microsoft Global Network



One of the largest private networks in the world

- 8,000+ ISP sessions
- 130+ edge sites
- 44 ExpressRoute locations
- 33,000 miles of lit fiber
- SDN Managed (SWAN, OLS)

DCs and Network sites not exhaustive

# *Gijima Microsoft Services*

*Technology People*

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