



HOW TO FULLY TRANSFORM YOUR BUSINESS IN 12 MONTHS

A CASE STUDY: CLOUD TO S/4HANA TO ANALYTICS



Protera



Microsoft Azure

LIVE FROM ASUG



How to Fully Transform Your Business in 12 Months

From cloud, to S/4HANA, to analytics



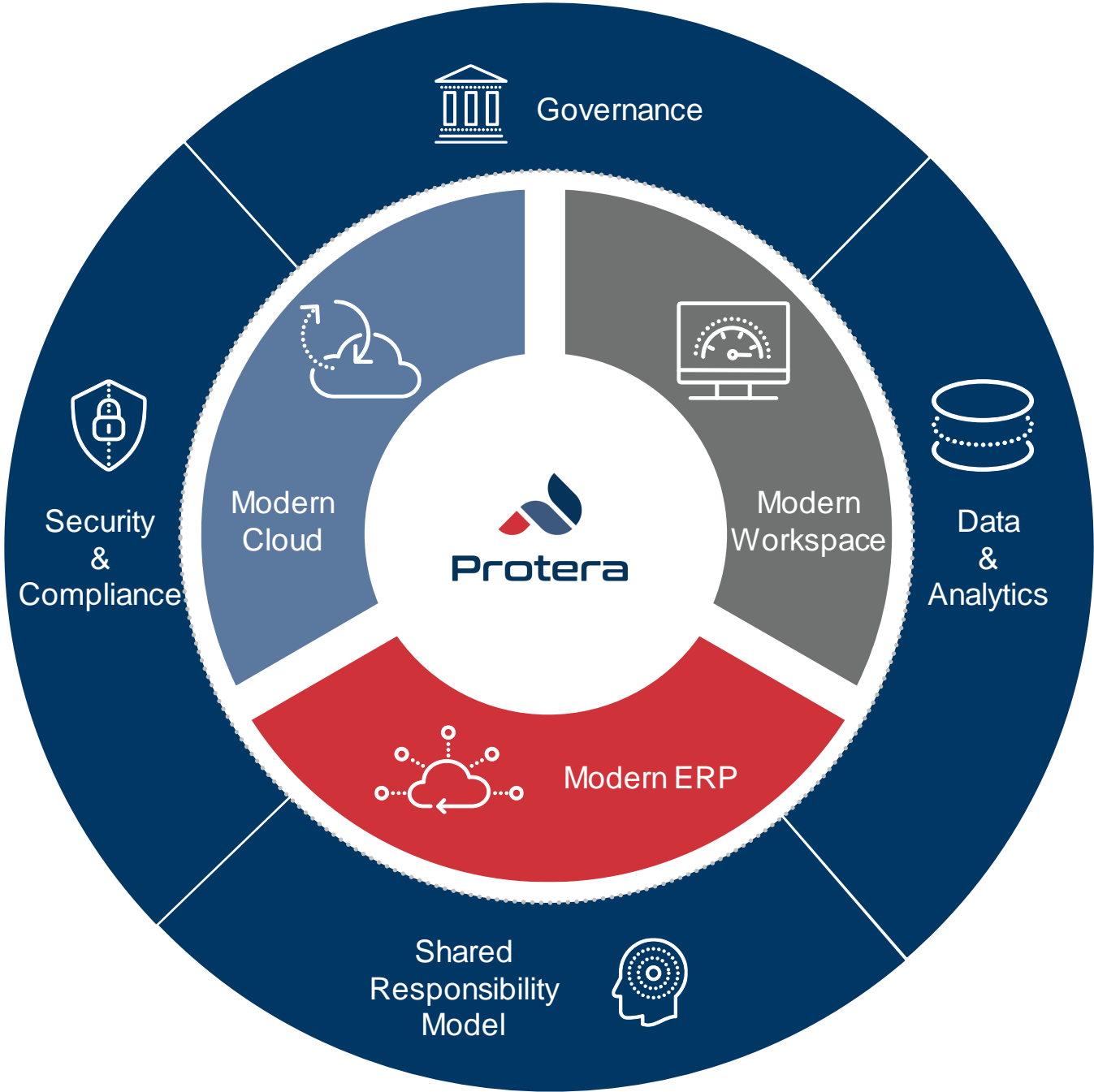
Doug Gilkey
SVP Sales
Protera



Mohammed Siddiqui
Director SAP on Azure,
Microsoft

What we do

We **modernize**, **optimize**, and transform enterprise workloads with a **proactive** services and support model



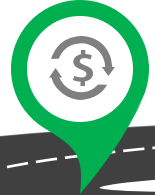
Example of Cloud Modernization Roadmap

Data Intelligence

Integration with Cloud Native analytics tools



FinOps
Advanced Cost Management



DevSecOps
Continuous integration, continuous development, integrated security



Data Analytics - AI / ML



Modern Workspace
Secure access to data from a hybrid environment



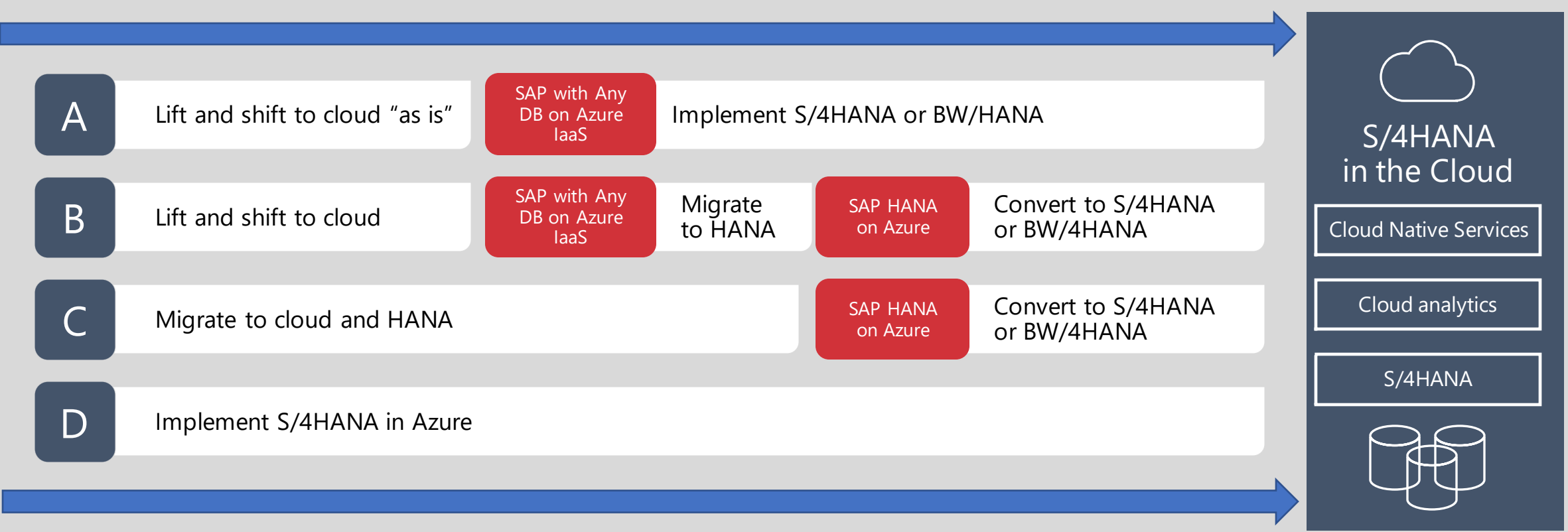
Cloud Migration
Move IaaS to the cloud



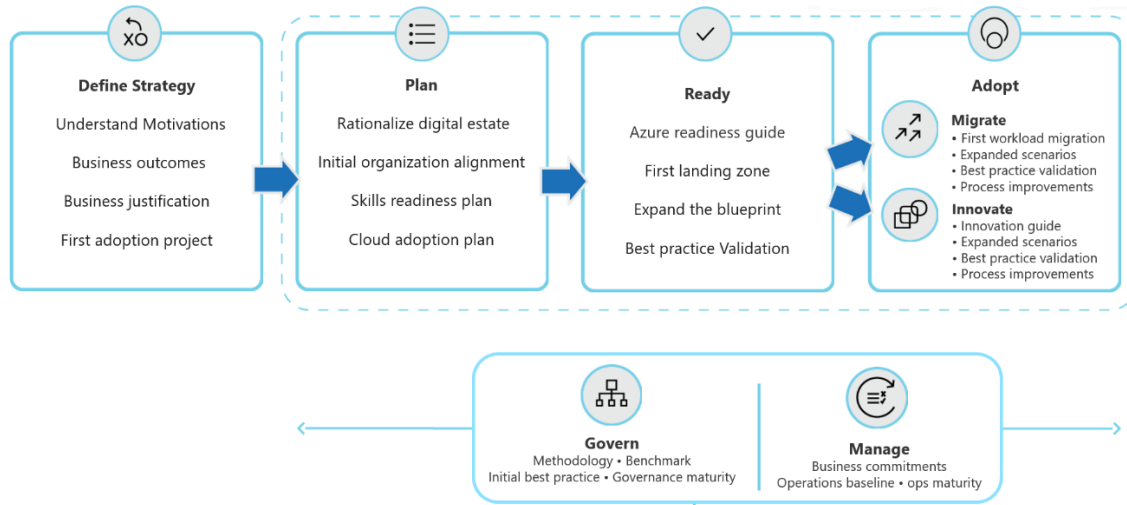
Optimize (IaaS)
Rightsized workloads, reservations, refining operational model

Different paths for moving SAP to the Cloud

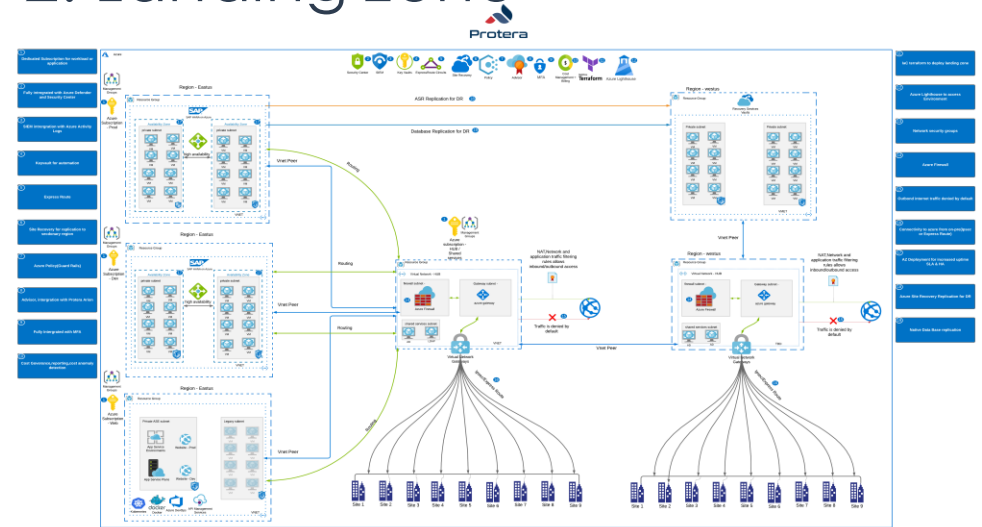
Moving your SAP landscape to the Cloud



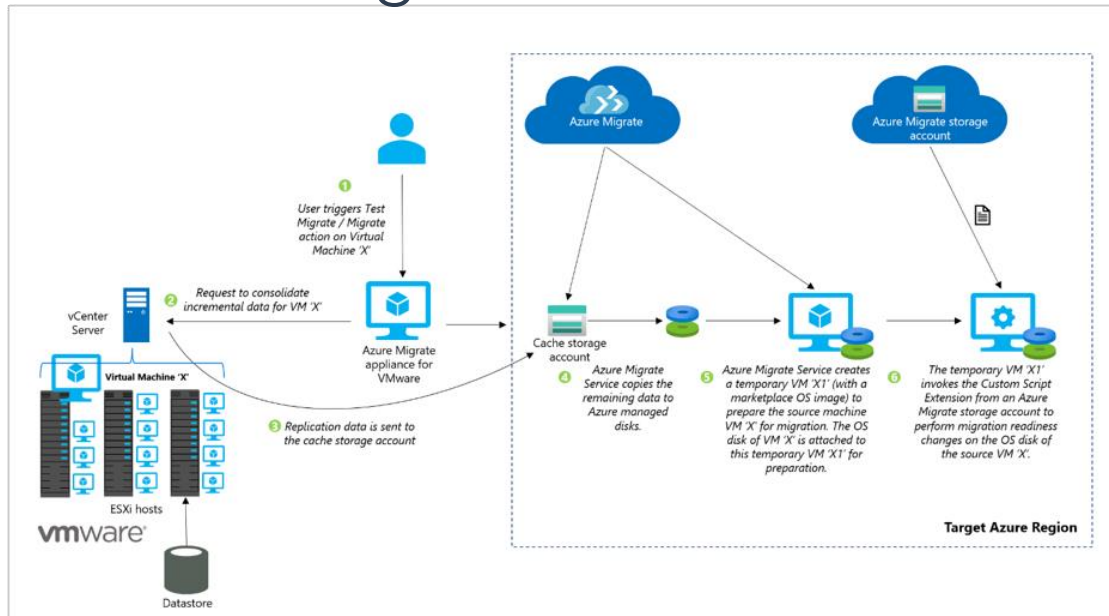
1. Cloud Adoption Framework



2. Landing Zone



3. Azure Migration Execution

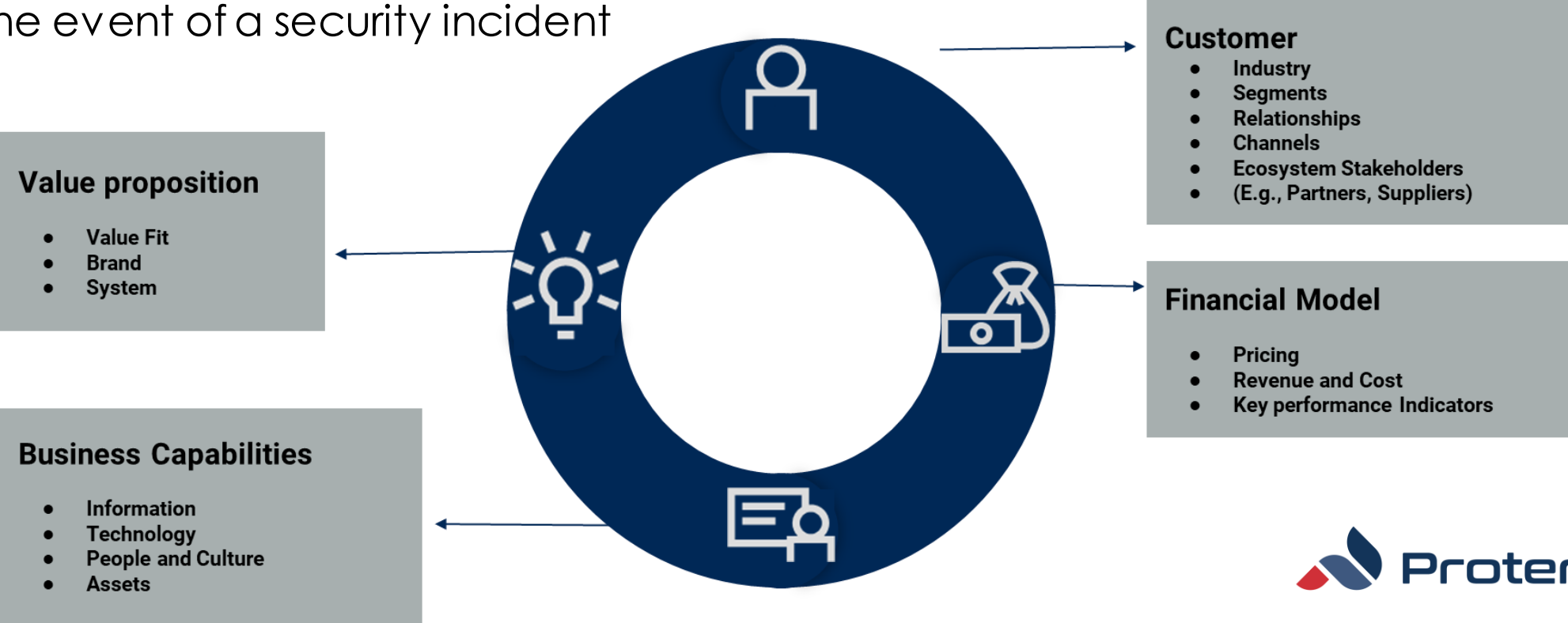


Systems and Applications Portfolio

- SAP
 ECC, S/4, BW, PO, SCM, Livcache, BOBJ, Data Services, Cloud Connector, EHS/WWI, GTS, MII
- SAP Connected
 OMP Supply Chain, OpenText Suite, Bartender Label & Print, Vertex Tax, Tivoli Workload Scheduler
- VDIs
 Citrix
- System Applications
 SCCM, Symantec Endpoint Protection, PKI, Exchange Hybrid, Palo Alto Panorama, RSA Replica, PrintLogic, Proficy, Ccure, DM5, KMS, McAfee, Psync, SMB, ERP Maestro, Wannacry Web Server

IT Business Acumen

- IT moves from supporting the business to **being** the business
- Modern IT management becomes more aligned with driving business outcomes utilizing Cloud, SaaS, and Strategic Service Providers
- Increased importance of understanding risk and impact of business in the event of a security incident





About Client

Headquartered in Charleston, SC, manufactures and sells specialty chemicals and carbon materials in the United States and internationally



Challenges

- Reduce overall cost and complexity of SAP and non-SAP landscape
- Improve scalability, resiliency and performance
- Manage IT sprawl
- Review and reduce custom code



Solution

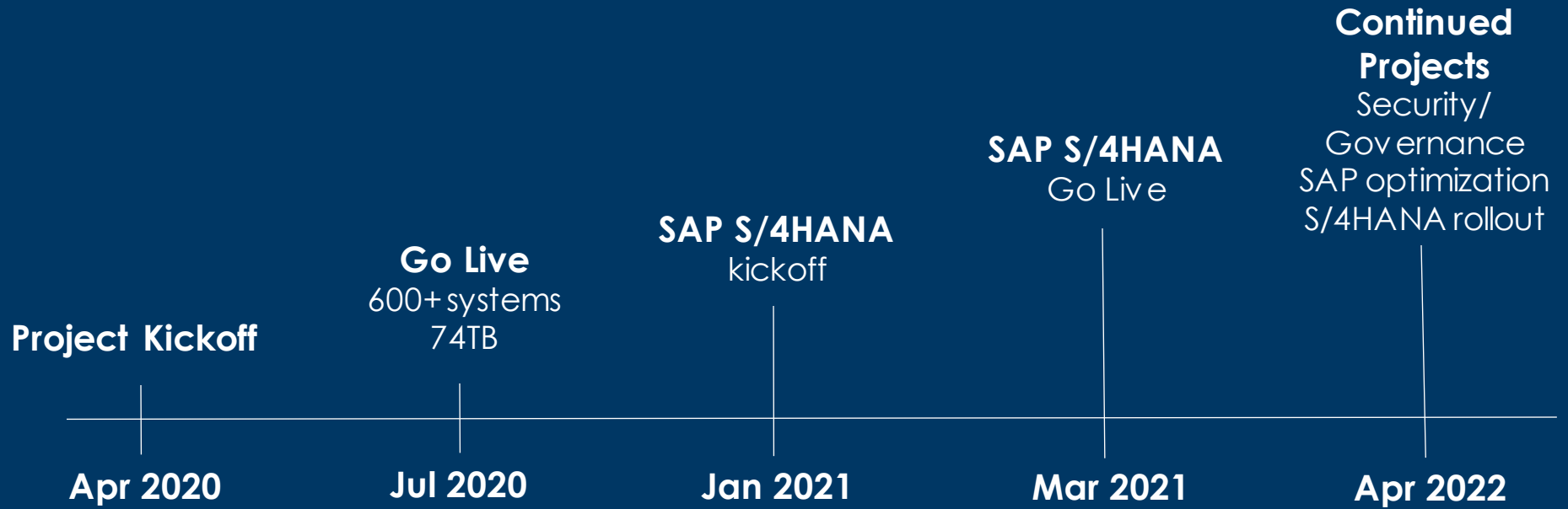
- Landscape designed and sized on Azure
- Ongoing managed services

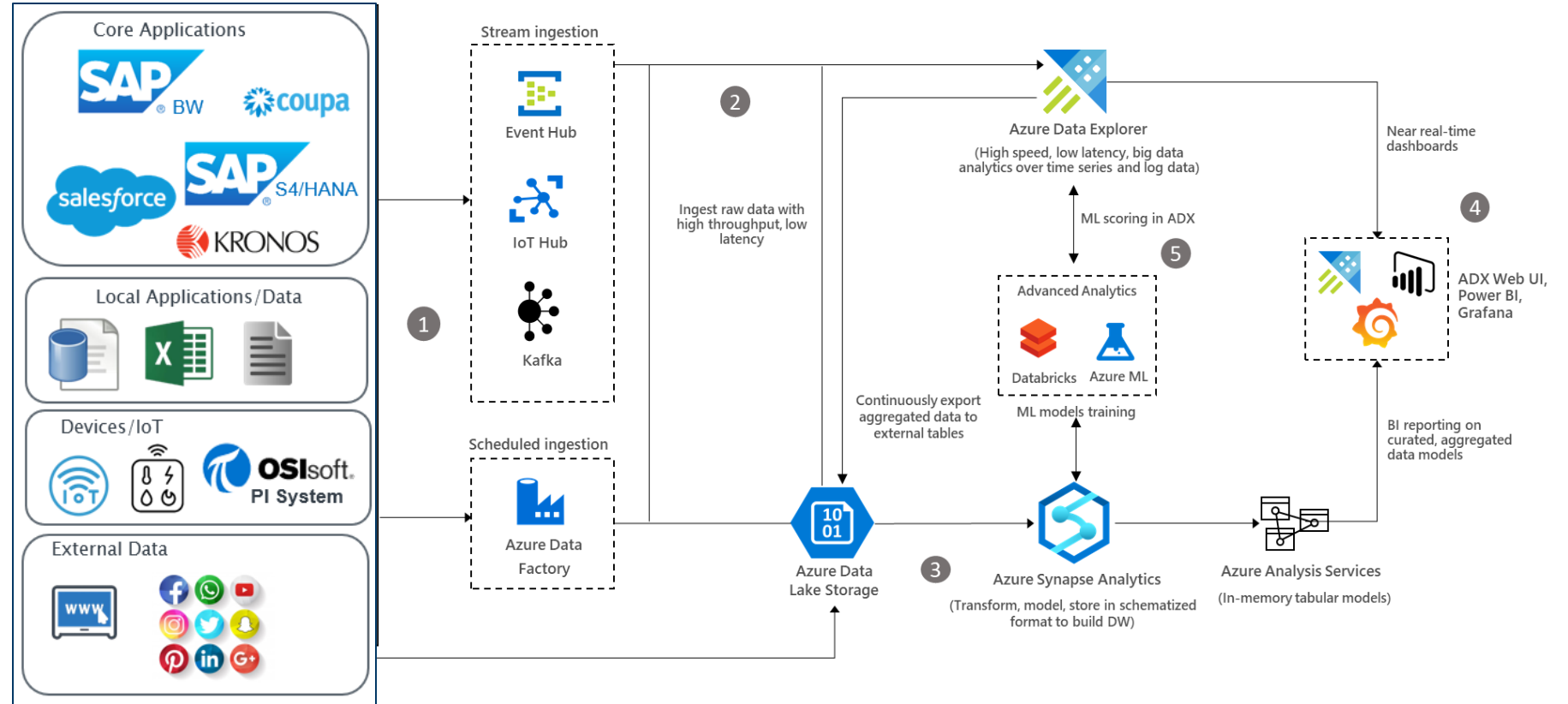


Results

- 74TB migrated to Azure in four months
- Easily scale environment to meet business demands
- 12-month modernization from migration, to SAP S/4HANA, to analytics

Case Study



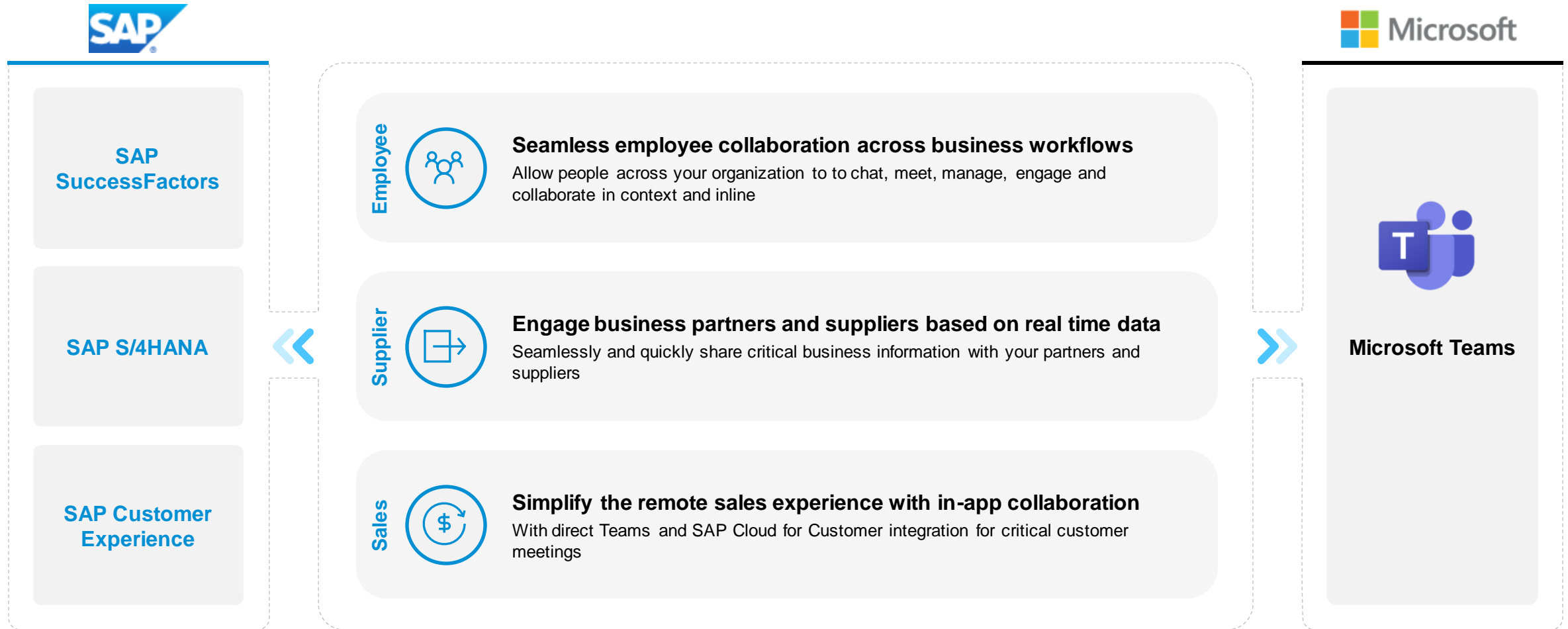


Azure Capabilities and Tools

- Azure Synapse
- Azure Data Factory
- Azure Gateway Connectors
- Azure LogicApps
- Power BI

Drive Collaboration with Microsoft Teams Integration Across SAP Solutions

Create a seamless collaboration experience without switching applications



A long-term partnership between you, Microsoft, Protera and SAP

Unique Customer / Microsoft partnership

Tackle the hardest business and technical problems

A plan to focus your CAPEX on your business

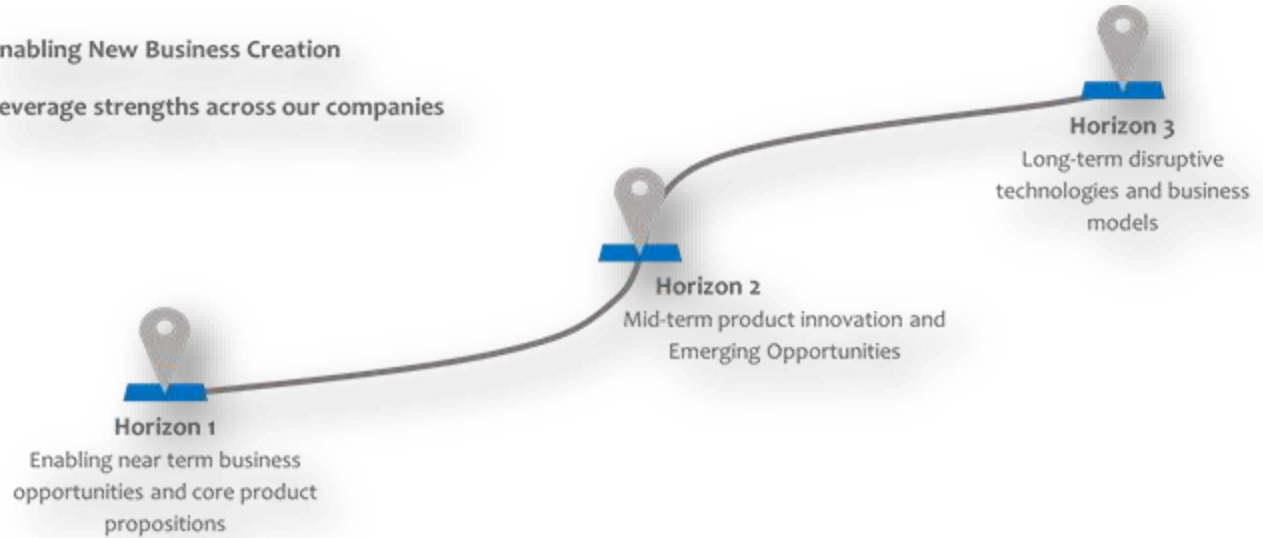
Mutually beneficial risk sharing

Skills development, adoption assistance, and

Joint R&D and innovation –

Enabling New Business Creation

Leverage strengths across our companies



value creation framework across the key growth accelerators:

Horizon 1

Delivery: Offering an integrated global platform scale and growth, bringing together major categories. Global Infrastructure, Security, Productivity & SAP

Horizon 2

Digital: Drive modern capabilities into business applications to strengthen relationships by attracting, engaging and retaining customers

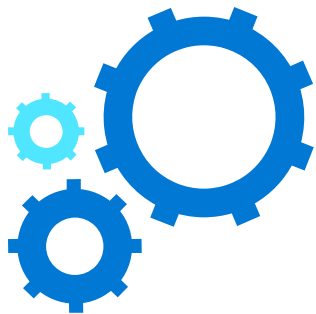
Horizon 3

Experience of the Future: Orchestration across the unique outside influences to transform the customer experience and enhance the brand in the eyes of the customer

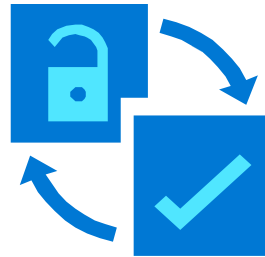
Azure Center for SAP solutions

Complete experience to deploy and manage SAP in the cloud

Guided SAP
deployment



Intelligent, seamless
SAP management



Foundation for
innovation



Modular and extensible

Azure Center for SAP solutions

Products and services

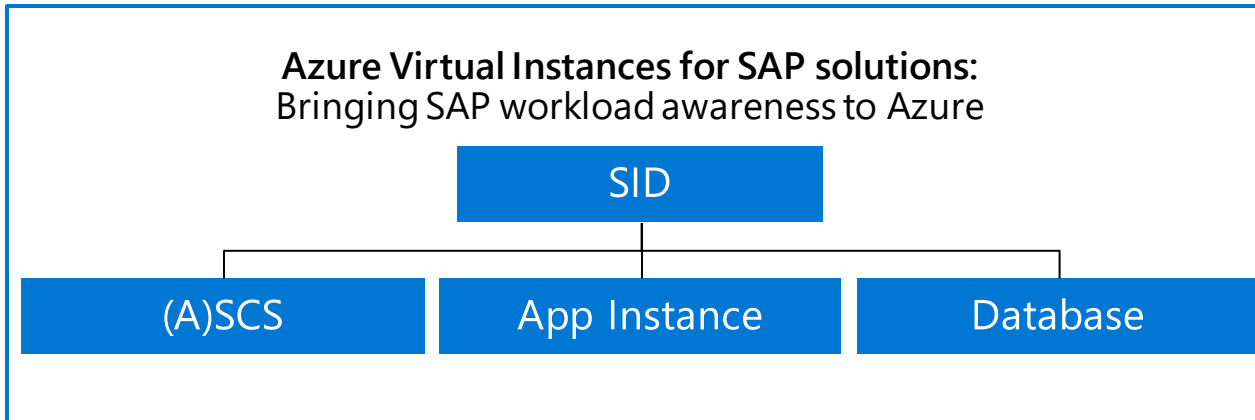
Fully integrated first-party Azure services that are fully supported, always up-to-date, and incorporate the latest cloud innovations

Tools


Ongoing integration with Products

Frameworks

Governance and guidance frameworks are updated periodically as required




Quality Check for SAP workloads on Azure




Open source


Enterprise scale for SAP on Azure Assessment




Well-Architected Framework for SAP on Azure



Deployment Checklist for SAP on Azure




SAP Deployment Automation Framework (open source)




Available

Azure Monitor for SAP Solutions (preview)




ACSS preview

Azure Backup for SAP




Integration coming soon

Azure Cost Management + Billing




Integration coming soon

Microsoft Sentinel solution for SAP (preview)



Integration coming soon

Azure Inventory Checks for SAP



Azure workbook

Seamless integration with virtual instance

Enable seamless management of your SAP system

Microsoft Azure | Search resources, services, and docs (G+)

Home > Azure Center for SAP solutions | Overview

Preview | PREVIEW

Search (Ctrl+/)

Get Started Solutions and tools

Overview

Virtual Instances for SAP solutions

Bring the intelligence, security, and reliability of Azure to your SAP applications

Azure Center for SAP Solutions is an Azure native offering that makes SAP a top-level workload in Azure. It enables end-customers and service providers to seamlessly deploy or manage their SAP systems on Azure.

Create a new SAP system on Azure

Deploy a new SAP system using Virtual Instances for SAP solutions or learn more about the open source Azure SAP automation project.

[Create a new SAP system](#)

[Learn more](#)

Register existing SAP system already in Azure

Register an existing system as a Virtual Instance for SAP solutions resource and take advantage of SAP management and monitoring capabilities of Azure.

[Register an existing SAP system](#)

[Learn more](#)

Monitor existing systems alongside new deployments

Microsoft Azure | Search resources, services, and docs (G+)

Home > Azure Center for SAP solutions >

K36

Virtual Instance for SAP solutions | PREVIEW

Start Stop Refresh Open in mobile Delete

Overview

Activity log

Access control (IAM)

Tags

Settings

Properties

Locks

Identity

SAP resources

Central service instances

App server instances

Databases

Monitoring

Azure Monitor for SAP solutions

Quality Insights

Support + troubleshooting

New Support Request

Health : Healthy

Managed resource group : mrg-k36-772fe9

App location : East US

SAP product : S/4Hana

Environment : Non-production

SAP software : Installed

Get Started Properties Monitoring

Show data for last: 1 hour 6 hours 12 hours 1 day 7 days 30 days

App + Central server VM CPU utilization

Percentage CPU (Avg) k36appm16	Percentage CPU (Avg) k36appm17	Percentage CPU (Avg) k36appm18	Percentage CPU (Avg) k36appm19
0.5877%	1.6846%	0.5974%	0.6576%

Database disk IOPS consumption

Data Disk IOPS Consum... k36dbvm1	Data Disk IOPS Consum... k36dbvm0
0%	0.0448%

Database VM CPU utilization

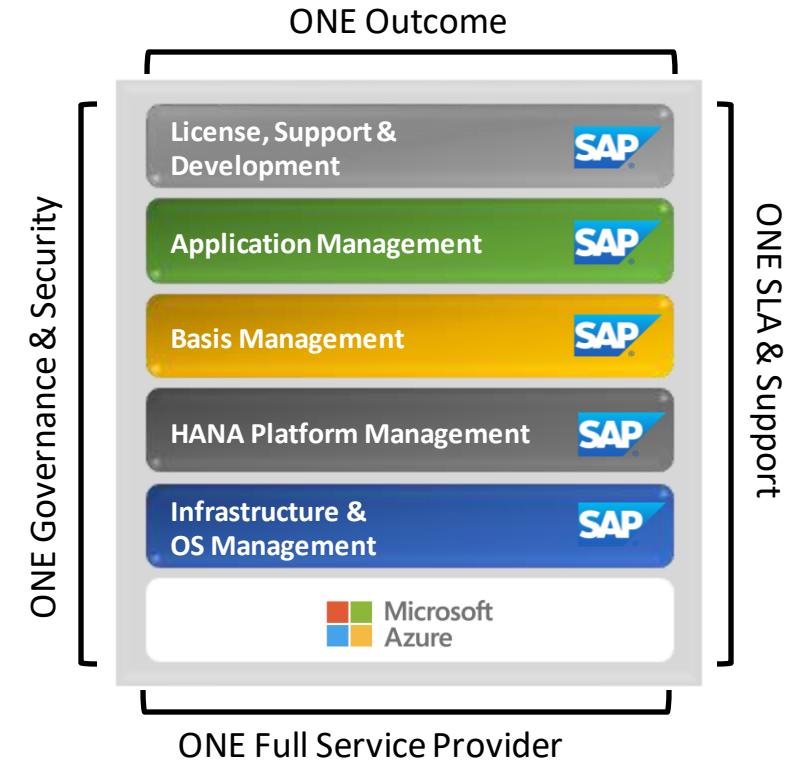
Percentage CPU (Avg) k36dbvm1	Percentage CPU (Avg) k36dbvm0
0%	0.0448%

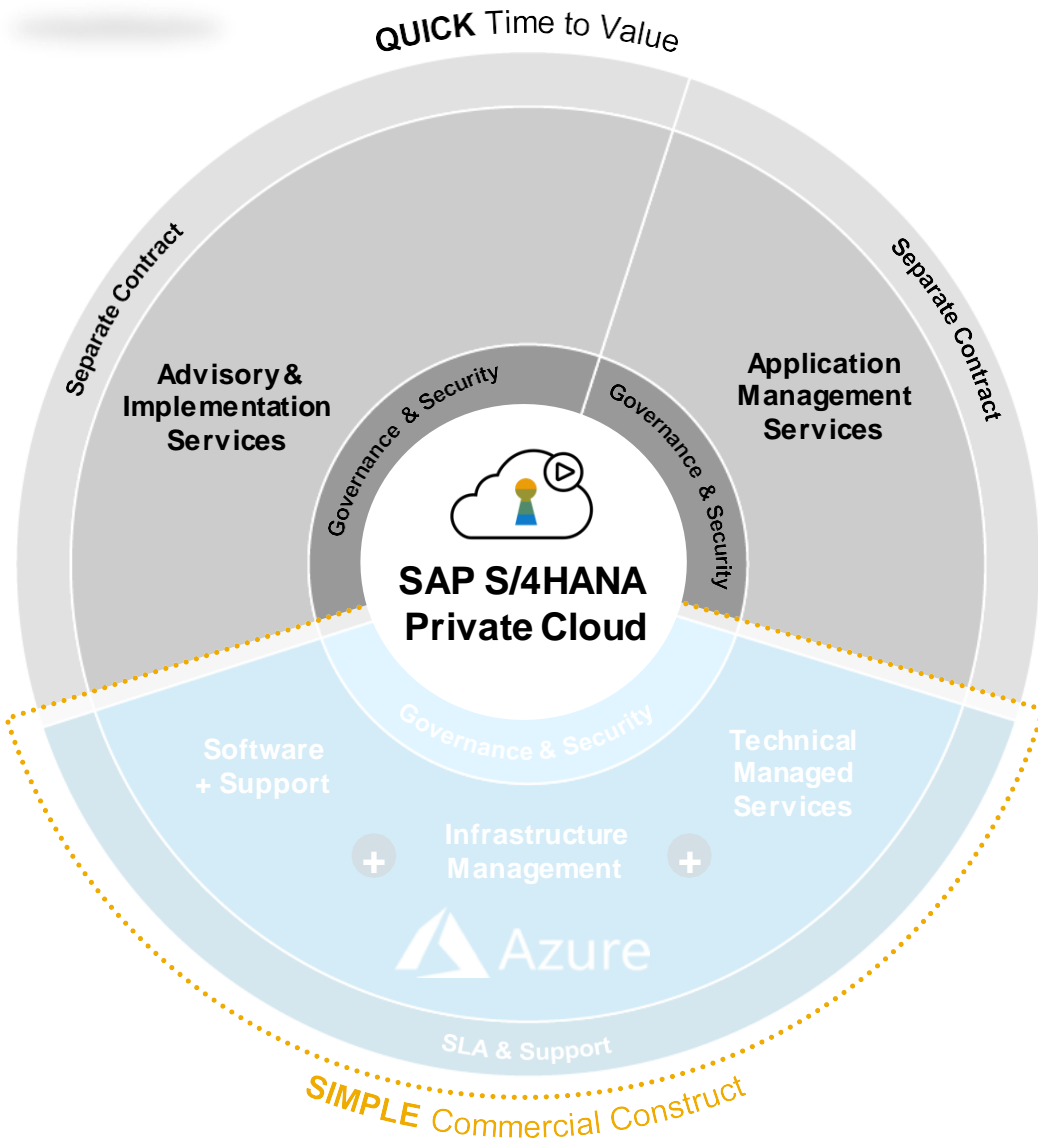
Manually start and stop your SAP application directly in Azure or continue to leverage your existing tools

One Commercial Construct: Software, Infrastructure, and Technical Services

Outcome-Focused & Results Oriented

- ✓ **SAP Accountability** across multiple control domains
- ✓ **Single SLA with uptime guarantee** tied back into product development and infrastructure management.
- ✓ **Fix first** - ask later: SAP runs customer's SAP systems with a proactive approach.
- ✓ **Single Global Service & Support group** for managing critical customer situations
- ✓ **Mature delivery** processes with certified automation components.
 - *All systems delivered on-time in 2020*
 - *Long standing hyperscaler partnership*
 - *Co-Engineered for maximized delivery and support*
 - *Tested in SAP Labs, tried & true over 6 years of history*
- ✓ **Trust:** An effective joint governance and accountability for our teams. Investments in engineering and cloud service roadmap
- ✓ **SAP hands-on:** Higher-level engineering and operations are SAP badged employees.
- ✓ **Azure Partnership:** Longstanding strategic trusted partnership with investments for support and co-engineering





Migration to RISE with SAP on Azure



Integrate bolt-on and native cloud applications.



SAP Functional Application Support



SAP Managed Basis Services



Data Intelligence Services



IT Security and Governance



START MODERNIZING NOW
**Schedule a discovery
call with us**



Doug Gilkey
SVP Sales
Protera



Mohammed Siddiqui
Director SAP on Azure,
Microsoft

Protera.com/contact-us

ASUG

Q&A



Protera



Microsoft Azure