A Collaboration of SAP and SAPinsider

SAP Enterprise Architect Global Summit

Virtual Event - March 1-3, 2022

Deep Dive on RISE with SAP – EA Edition

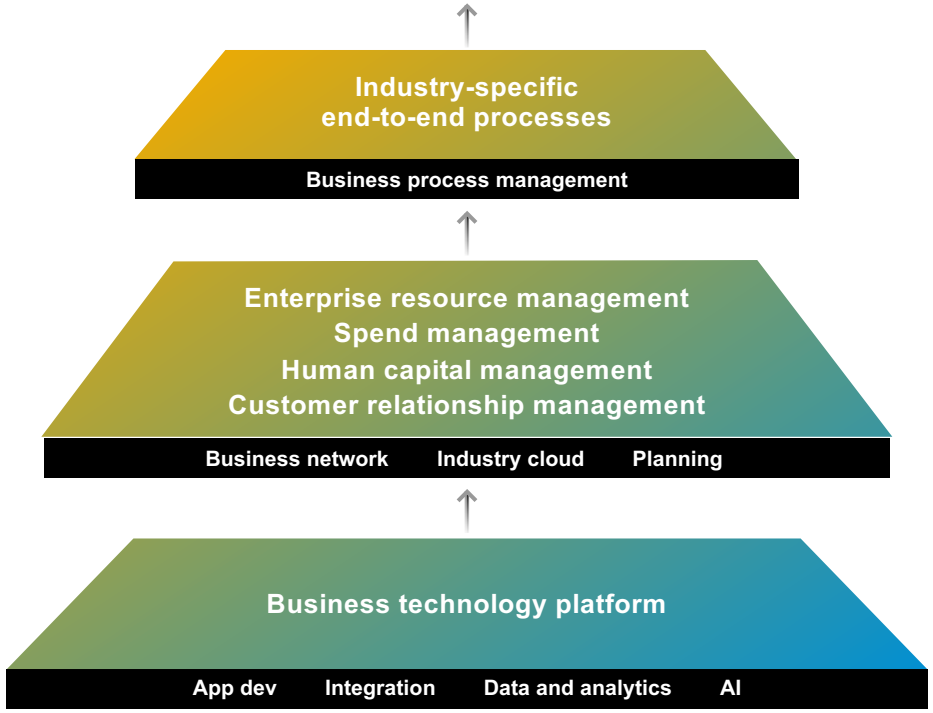
Damien Johnson – Chief Architect Global RISE with SAP, Ecosystems, SAP Americas
Laz Uriza – Business & Sales Strategy Director - WW SAP on Azure Strategy Lead, Microsoft

RISE with SAP : Architectural Deep Dive

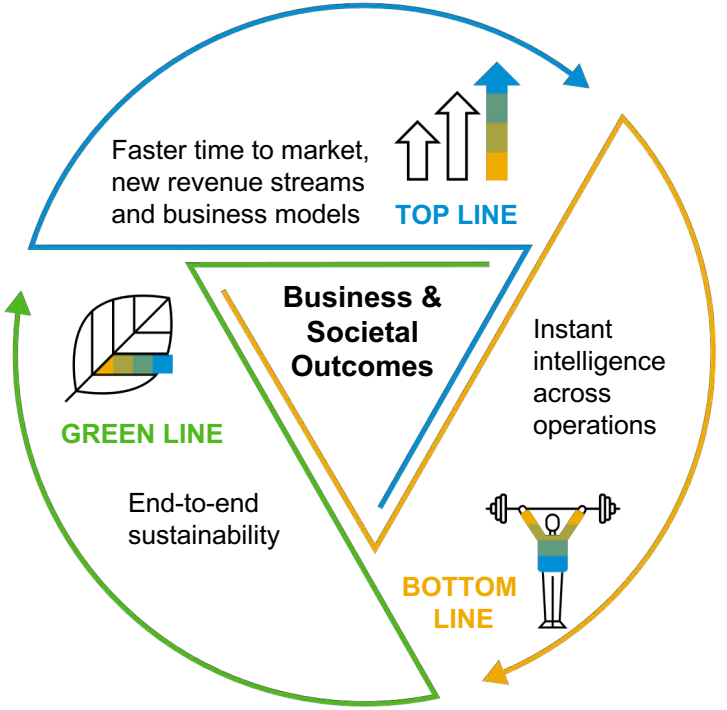
1. RISE with SAP Architecture
2. Architectural Components:
    - Integration Design
    - Data Architectures
    - Security Frameworks
    - Performance & Resiliency
3. RISE with SAP on Microsoft Azure

SAP's vision is to enable intelligent, sustainable enterprises that deliver business and societal outcomes …

Intelligent, sustainable enterprises …



… delivering business and societal outcomes



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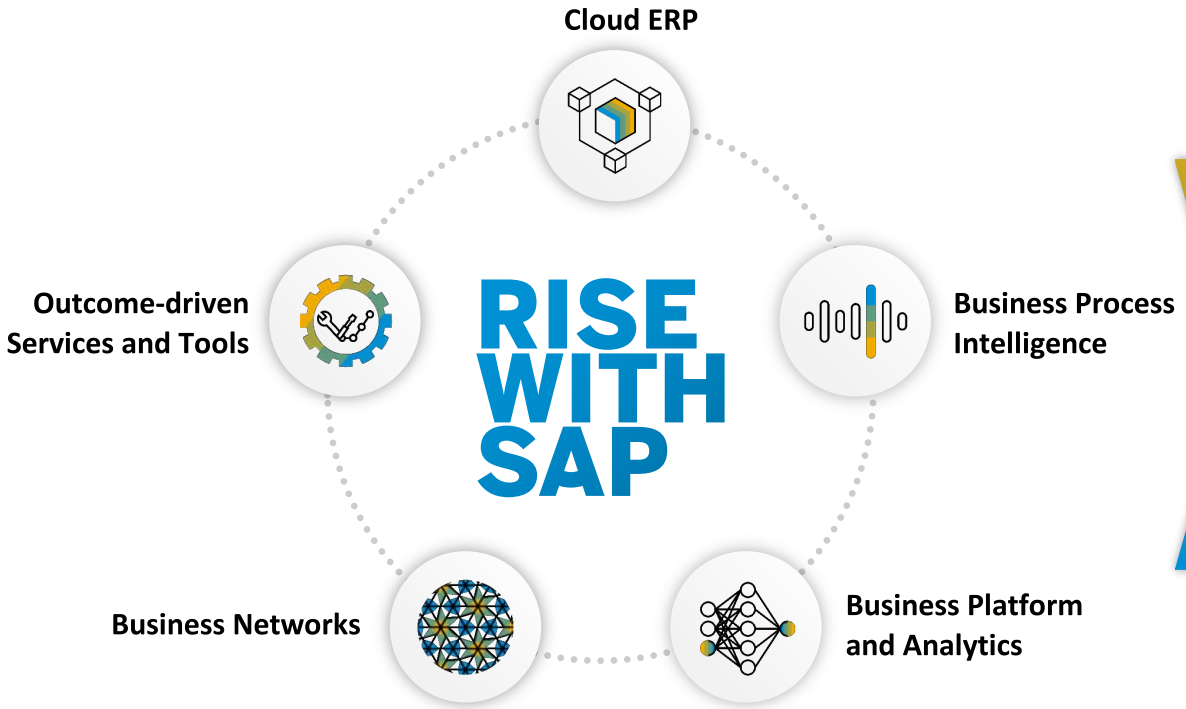
… unlocking three sources of value



Take the lead

with industry innovation for top-line, bottom-line, and green-line growth

Leverage differentiating business capabilities and industry next practices that create new revenue streams, improve efficiency, enhance employee engagement and allow for running sustainably

+

Never stop improving

with continuous insight to optimize business processes

Identify and prioritize optimization opportunities with instant process analysis, benchmarking against industry peers, and tailored insights to automate with AI

+

Secure your success

with a trusted partner for your business needs, at every step of the way

Benefit from cloud delivery capabilities that accelerate time-to-value, reduce overall TCO, and mitigate risk while simplifying technology consumption through 'as a service' experience

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The core for your intelligent, sustainable enterprise

SAP S/4HANA Cloud is a fully integrated core ERP system, that provides modular connectivity across all lines of business to enterprises globally.

“Out-of-the box” core processes

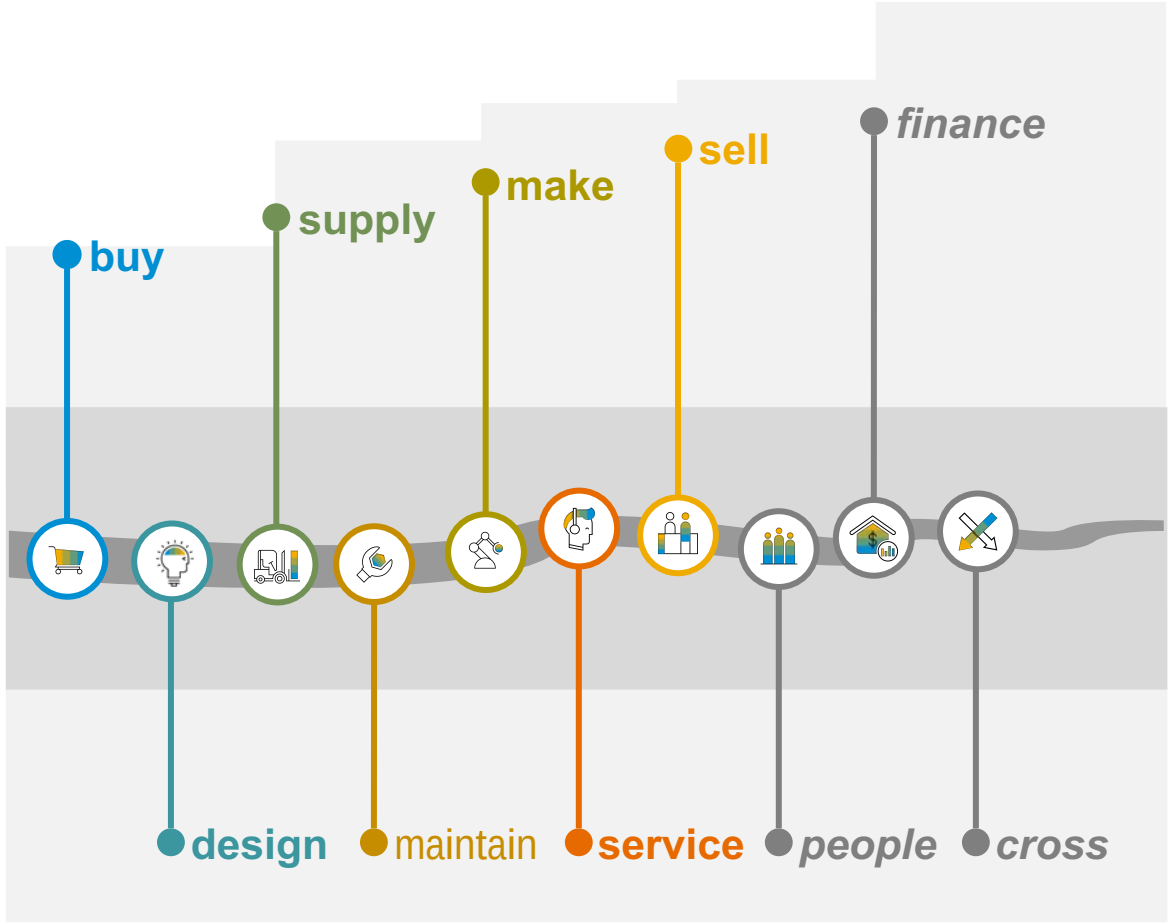
- Lowest TCO
- Highest integration
- Fastest adoption path (industry best practices)

Additional configuration and integration

- Maximum flexibility
- Maximum collaboration
- Decoupled accelerated innovation

Vibrant partner ecosystem

- Industry–leading partner offerings
- Maximum geographical coverage



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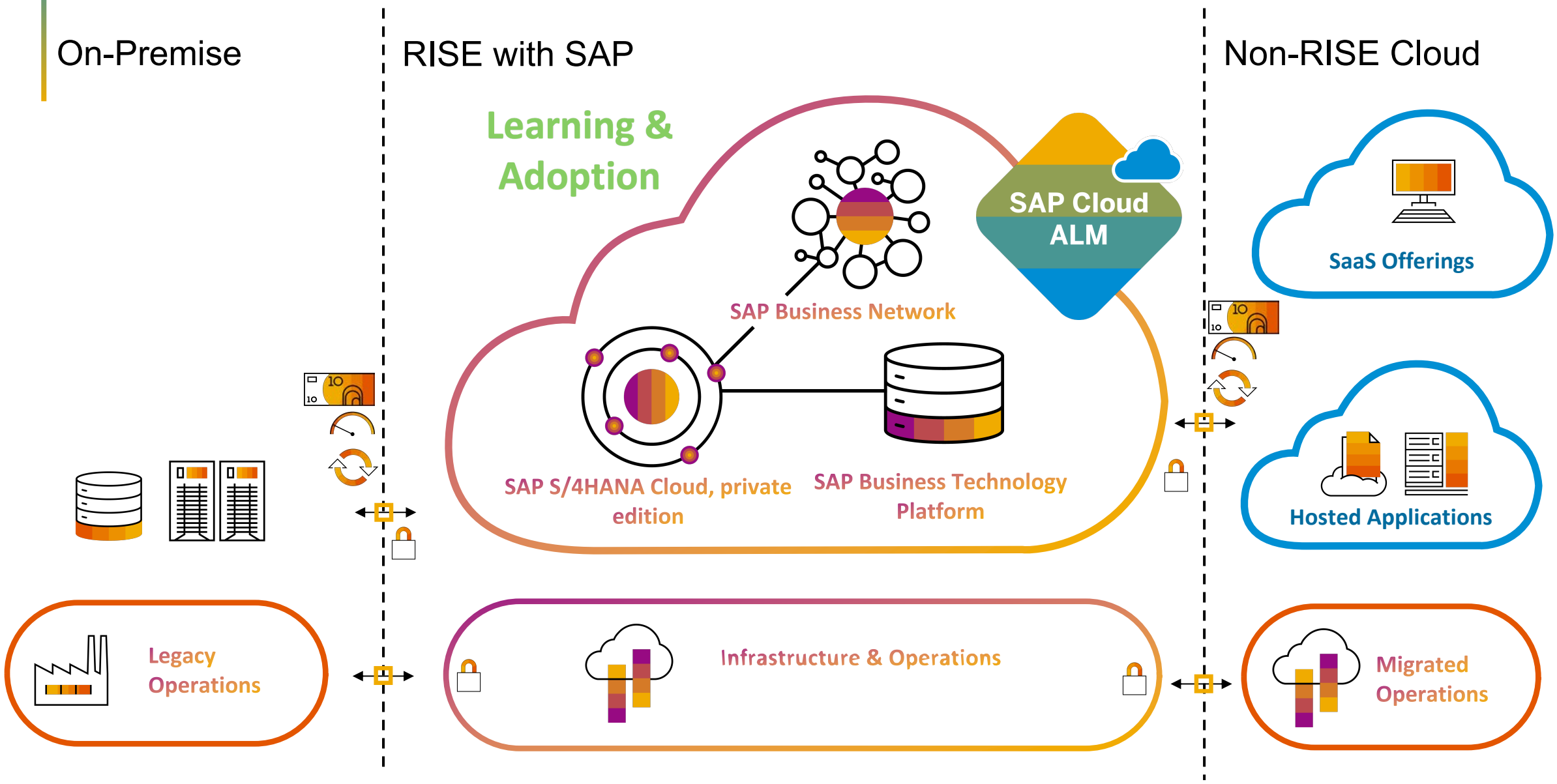

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What the pundits say about cloud…

Operational Excellence
Security
Reliability
Performance Efficiency
Cost Optimization
Sustainability

https://aws.amazon.com/blogs/apn/the-6-pillars-of-the-aws-well-architected-framework/

Cost Optimization
Operational Excellence
Performance Efficiency
Reliability
Security

https://docs.microsoft.com/en-us/azure/architecture/guide/

Design for Automation
Be Smart with State
Favor Managed Services
Practice Defense in depth
Always be Architecting

https://cloud.google.com/blog/products/application-development/...

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Crossing the chasm…again..

Traditional on-premises

Monolithic
Designed for predictable scalability
Relational database
Synchronized processing
Design to avoid failures (MTBF)
Occasional large updates
Manual management
Snowflake servers

Modern cloud

Decomposed
Designed for elastic scale
Polyglot persistence (mix of storage technologies)
Asynchronous processing
Design for failure (MTTR)
Frequent small updates
Automated self-management
Immutable infrastructure

*https://docs.microsoft.com/en-us/azure/architecture/guide/

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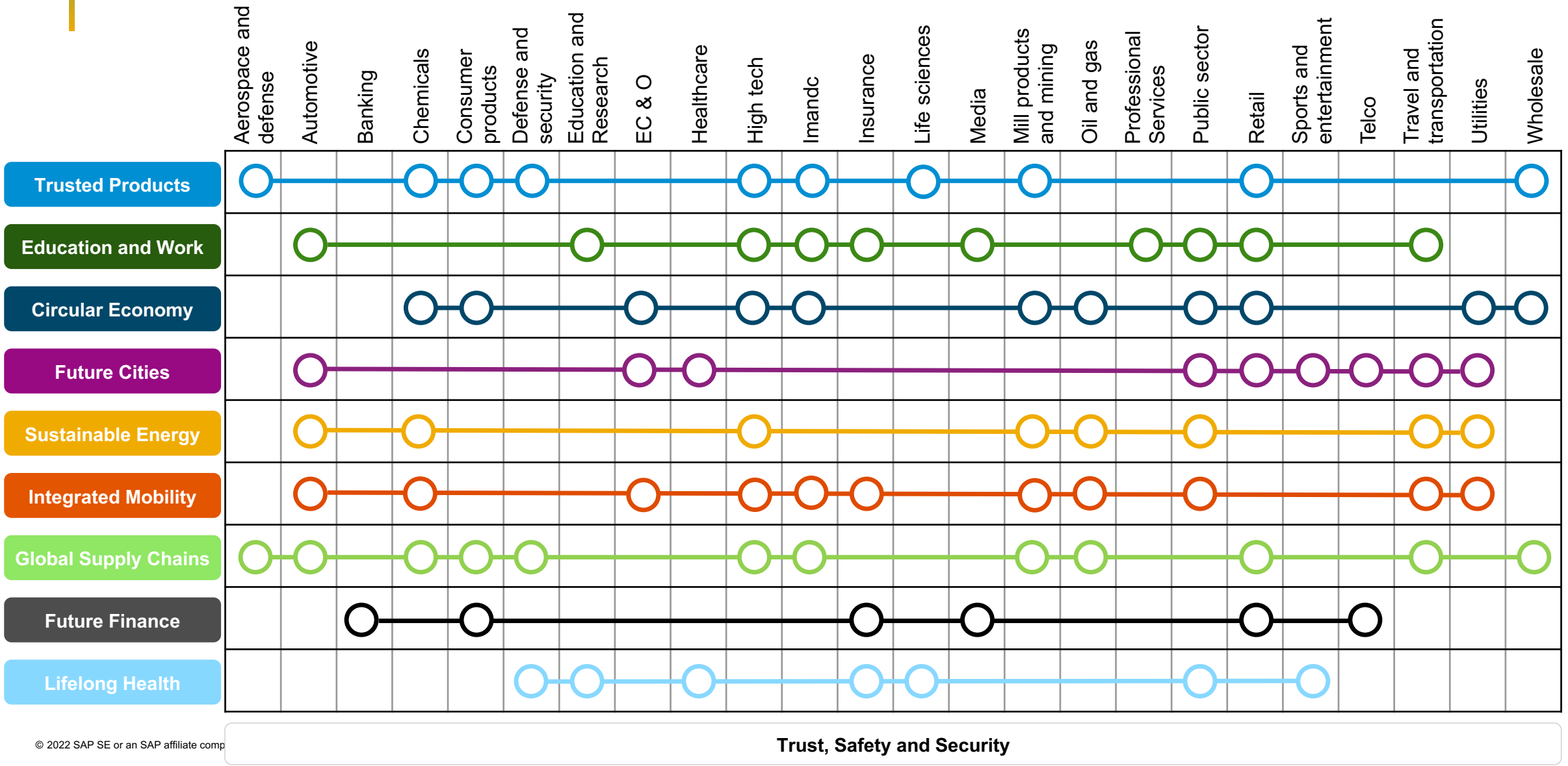
Mega transformation these go across multiple industries



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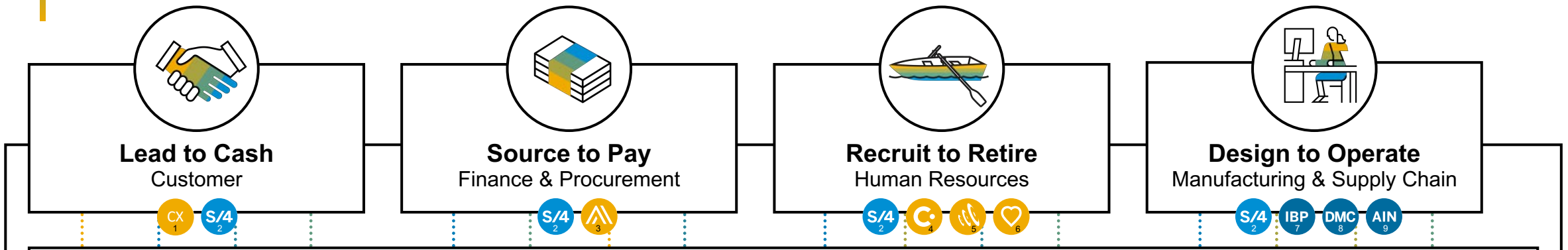
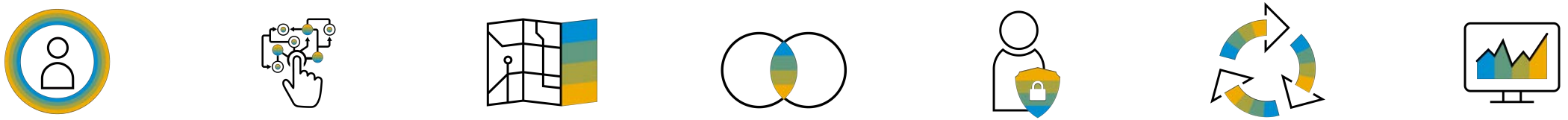
Intelligent Enterprises are Connected Enterprises via Suite Qualities



Business Applications

Suite Qualities



Seamless user experience

Harmonized look & feel and navigation patterns

One workflow inbox

Central task management

End-to-end process blueprints

Implementable reference architectures

Aligned domain models

Aligned business objects across applications

Consistent security & identity mgmt

Central identity provisioning & authentication

Coordinated lifecycle mgmt

Harmonized provisioning setup & operations

Embedded & cross-product analytics

Holistic 360° business and customer view

Business Technology Platform

1 SAP Customer Experience, **2** SAP S/4HANA, **3** SAP Ariba, **4** SAP Concur, **5** SAP Fieldglass, **6** SAP SuccessFactors, **7** SAP Integrated Business Planning, **8** SAP Digital Manufacturing Cloud, **9** SAP Asset Intelligent Network

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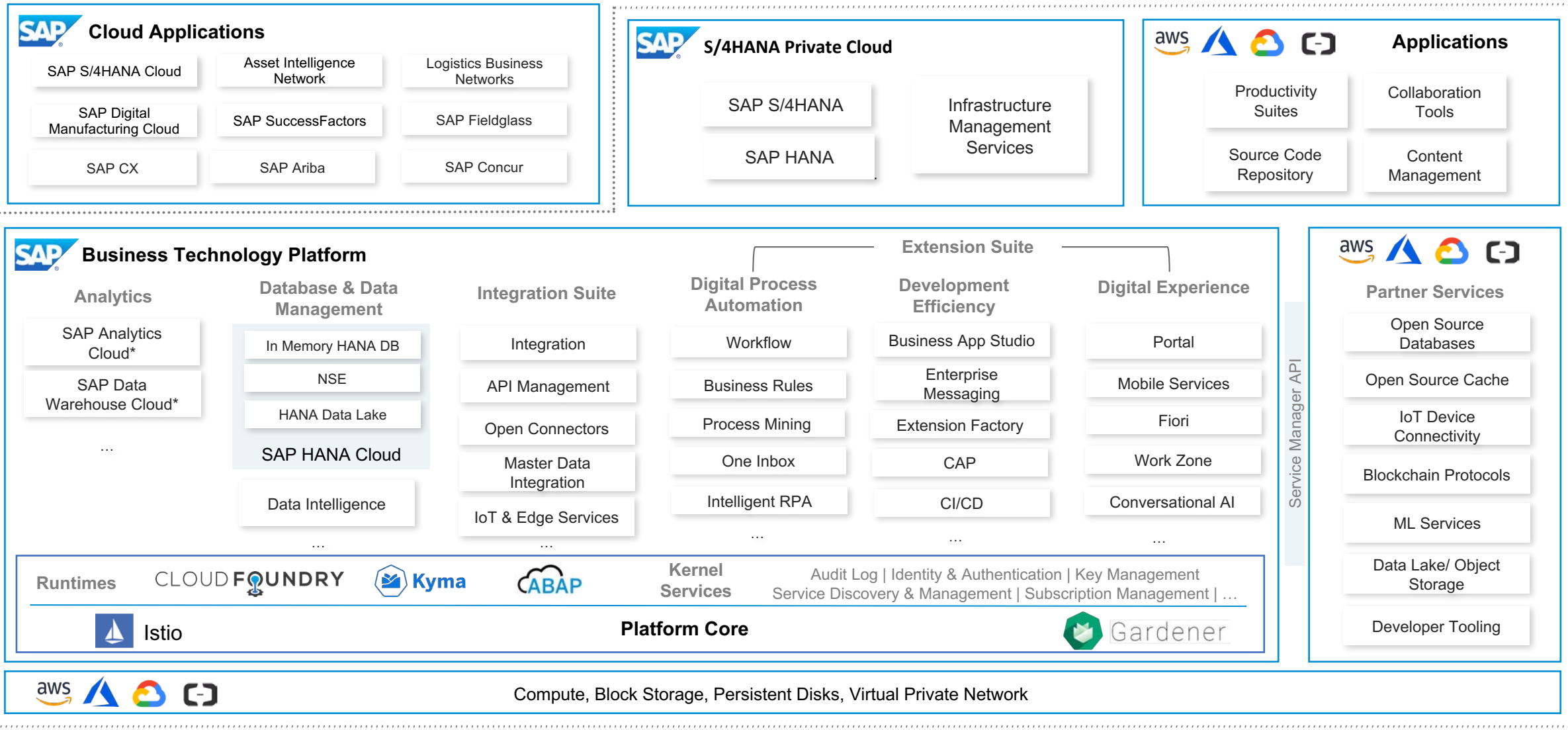
SAP Essential Architecture



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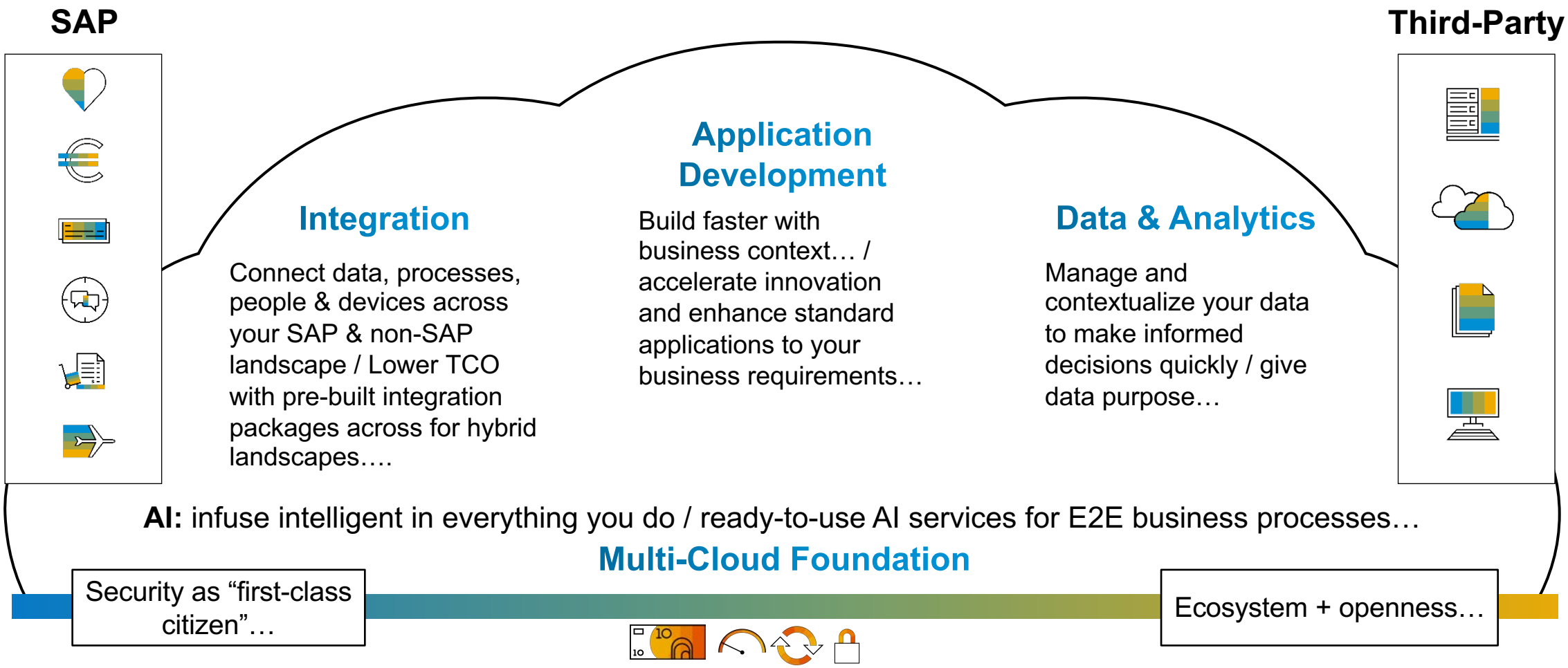
*SaaS Offerings

Key capabilities for enterprise architecture



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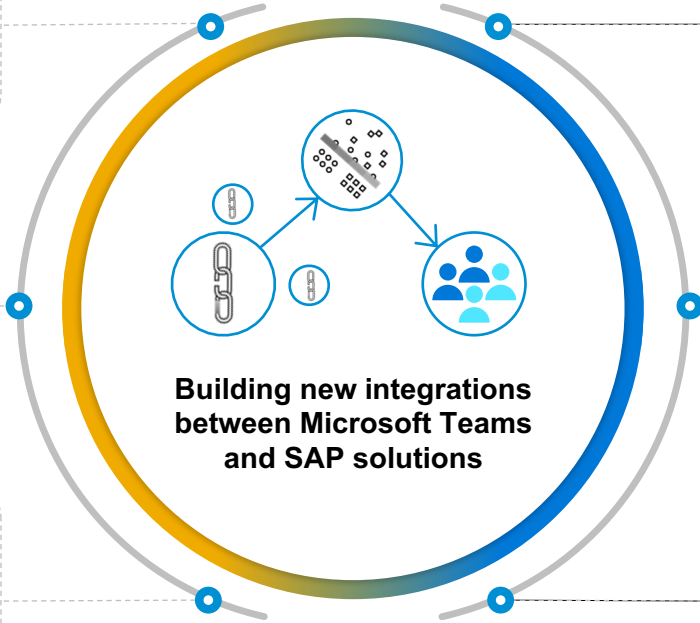
Leverage collaborative productivity across your organization

SAP Solutions

SAP SuccessFactors

SAP S/4HANA

SAP Sales Cloud



Microsoft Teams

Engage employees and connect to the pulse of your organization with integrated experiences

Allow people across your organization to to chat, meet, manage, engage and collaborate in context and inline

Frictionless collaboration and productivity in the flow of work

Seamlessly and quickly share critical line of business information with your colleagues and customers

Engage and connect sales teams with customers

With direct Teams and SAP Sales Cloud integration for critical customer meetings

Make Microsoft Teams your hub for collaborative productivity, linking core SAP business processes with your user's everyday Teams environment

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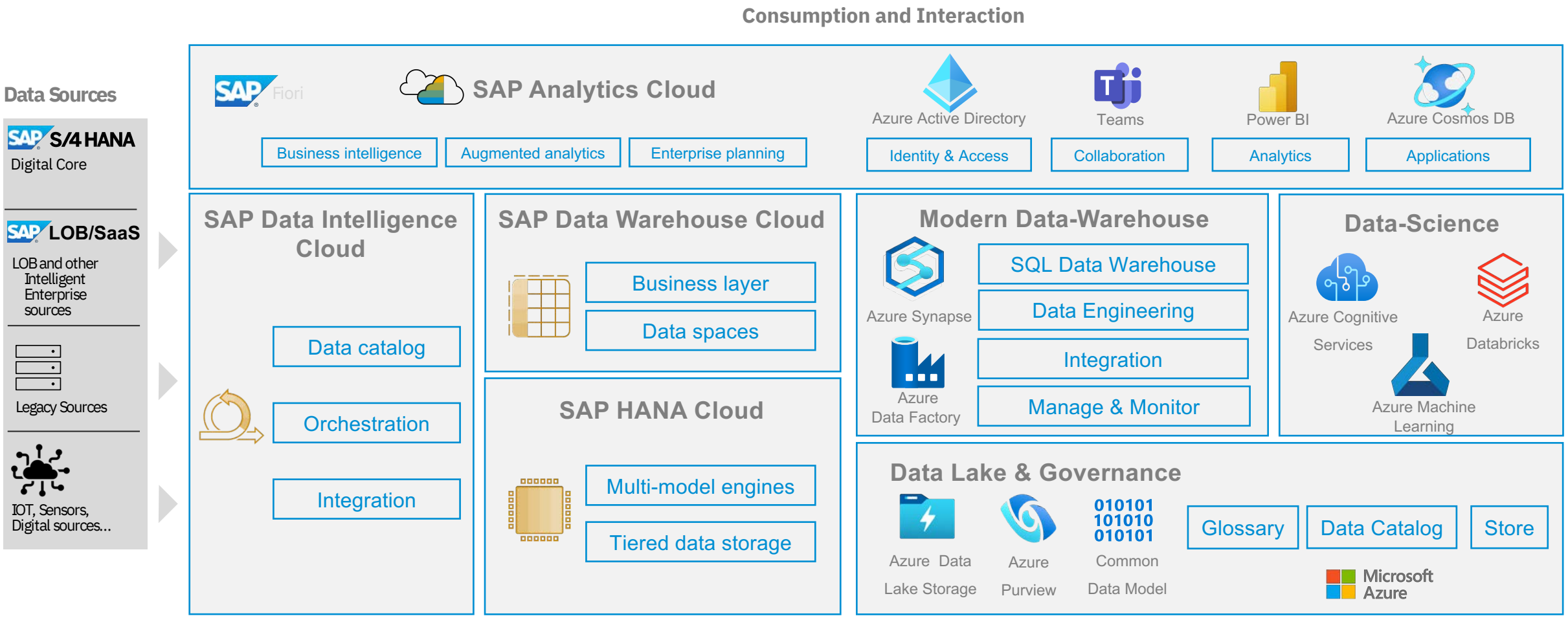
Sample unified data architecture constructs



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Further information

RISE with SAP: https://www.sap.com/products/rise.html

SAP on Microsoft: https://azure.microsoft.com/en-us/solutions/sap/

SAP Discovery Center: https://discovery-center.cloud.sap/missionssearch/RISE/

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SAPinsider

THANK YOU

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SAP America

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A Collaboration of SAP and SAPinsider

SAP introduced RISE with SAP to address such challenges and turn every business into an intelligent, sustainable enterprise in the cloud

RISE WITH SAP

Driving business innovation together

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RISE with SAP brings together the necessary components to help customers deliver on their digital transformations …

Outcome-driven Services and Tools

- Leverage services and tools offered by SAP and Partner ecosystem to enable your business innovation journey
- Check the readiness of your processes and get technical guidance on moving to SAP S/4HANA Cloud
- Analyze custom code & add-on compatibility

MORE INFORMATION …

Cloud ERP

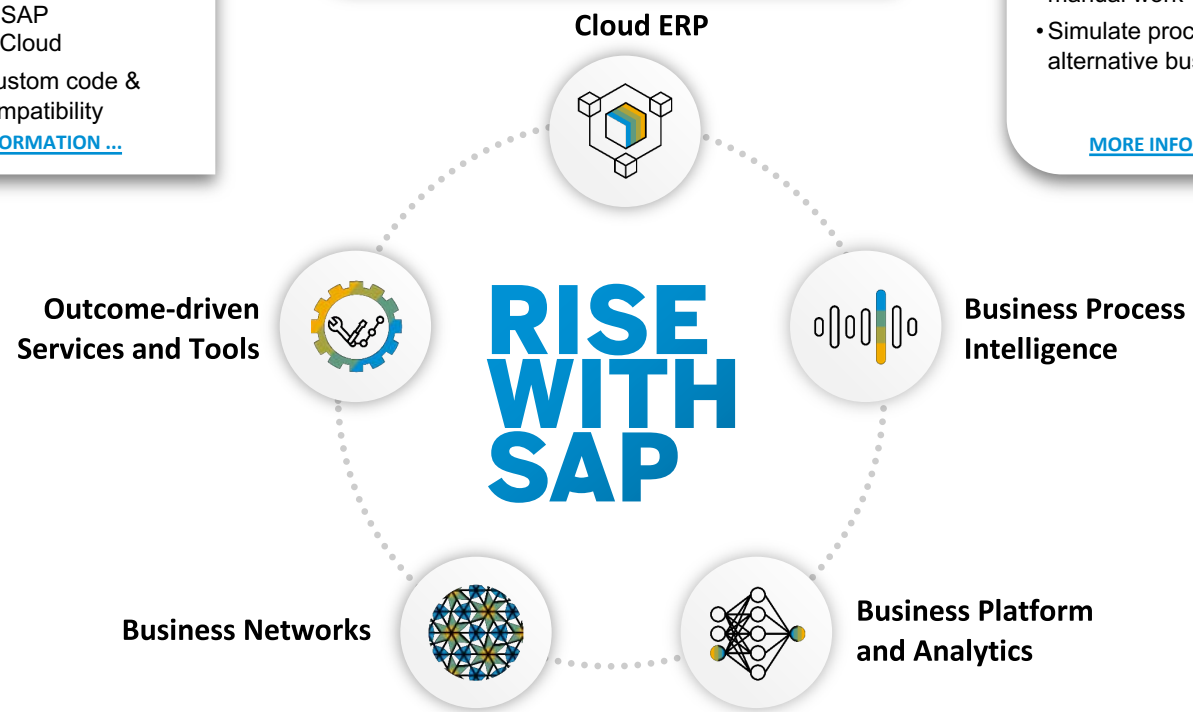
- Leverage the latest and best practice business processes with SAP S/4HANA Cloud
- Innovate with industry-specific next practices using SAP and partner industry solutions
- Drive differentiation with best-in-class line-of-business solutions

MORE INFORMATION …

Business Process intelligence

- Get tailored recommendations for tangible process improvements
- Run business profitably by removing process inefficiencies
- Reduce process variations and manual work
- Simulate processes for alternative business scenarios

MORE INFORMATION …



Business Networks

- Collaborate between manufacturers, dealers, service providers and vehicle owners
- Build a resilient supply base with access to the world's largest supplier network
- Collaborate with logistics partners to manage freight transactions and exchange documents

MORE INFORMATION …

Business Platform and Analytics

- Migrate and maintain relevant master data and keep the core clean
- Optimize, extend and automate processes
- Leverage intelligent technologies and predictive analytics to generate differentiated business

MORE INFORMATION …

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