SAP Enterprise Architect Global Summit

Virtual Event - March 1-3, 2022

Cloud ERP and Modular ERP

Beyond the Hype and Buzzwords

The Enterprise Architect's Challenge

REINVENT
HOW BUSINESSES RUN

SAP

EA Word Puzzle

C L O U D

- Cloud ERP vs. ERP in the Cloud?

- Multi-Tenant vs. Single-Tenant?

- Public Cloud vs. Private Cloud?

- SaaS / PaaS / IaaS ?
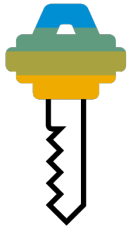
Why You Care

- Deployment Model

- Governance
  - Proliferation of Solutions & Data
  - Process Fragmentation
  - Customization / Best Practices
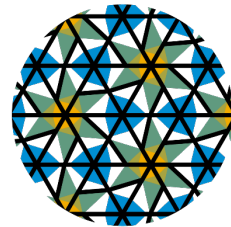
- Adoption of Innovation

V A L U E

(Cloud Qualities)

Beyond "Cloud ERP" = Cloud Qualities

On Demand Self-Service

Broad Network Access
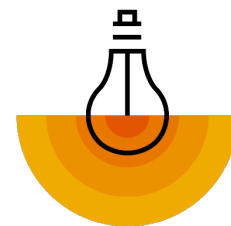
Resource Pooling

Rapid Elasticity

Measured Service

Standards Adoption

Rapid Innovation Adoption

Beyond "Cloud ERP" = Business Network

Creating a unified, collaborative, and intelligent network that delivers:

A global network of partners to better meet your business needs.

Network-wide process orchestration that redefines collaboration.

Integrated intelligence to deliver predictability.

One platform to easily connect with SAP and third-party networks.

Intelligence

Collaboration

Business Community

Supplier Network

Logistics Business Network

Asset Intelligence Network

Other Networks
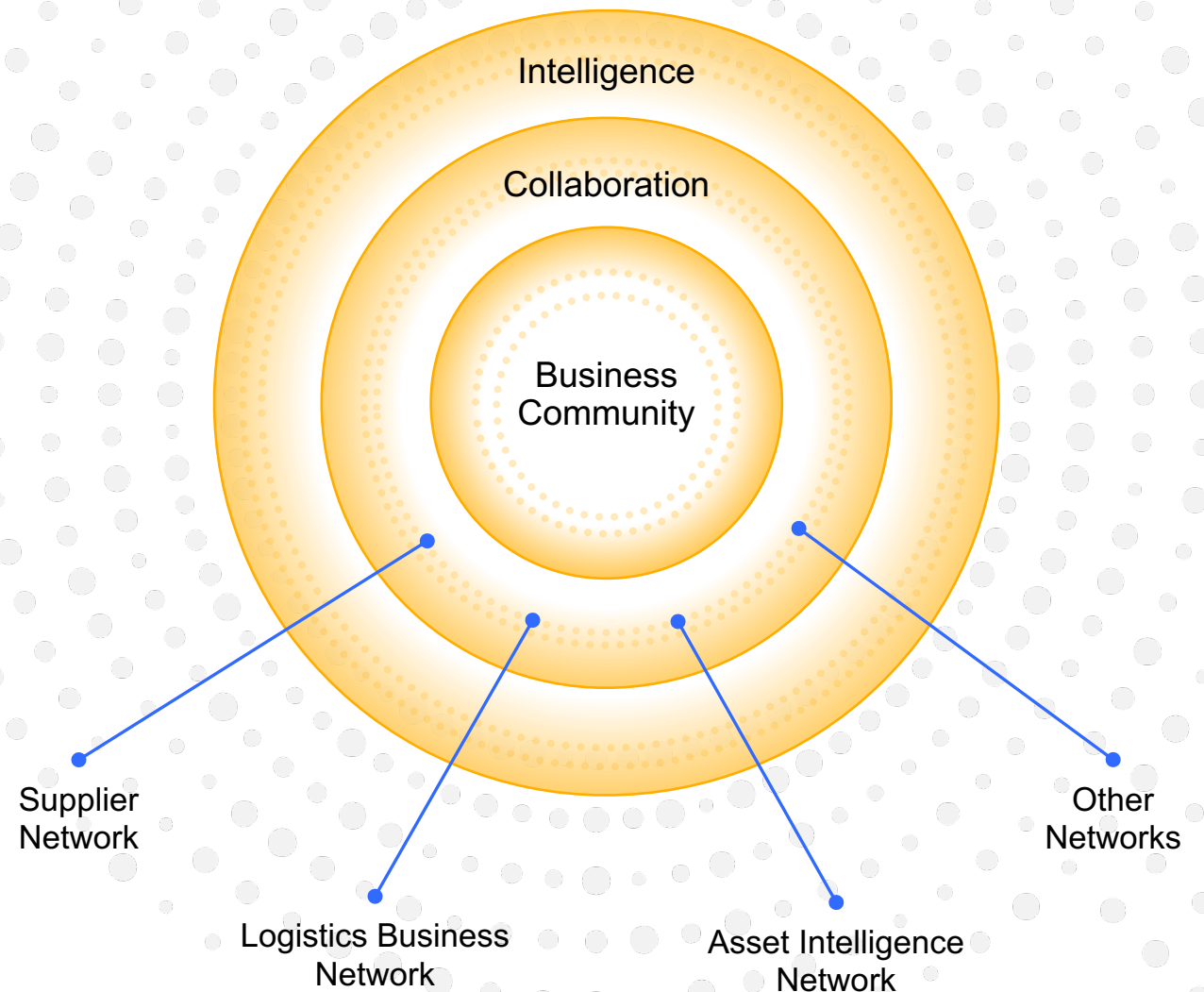
From Cloud Qualities to RISE

Cloud ERP

Business Process Intelligence

Business Platform and Analytics

Business Networks

Outcome-driven Services and Tools

RISE WITH SAP
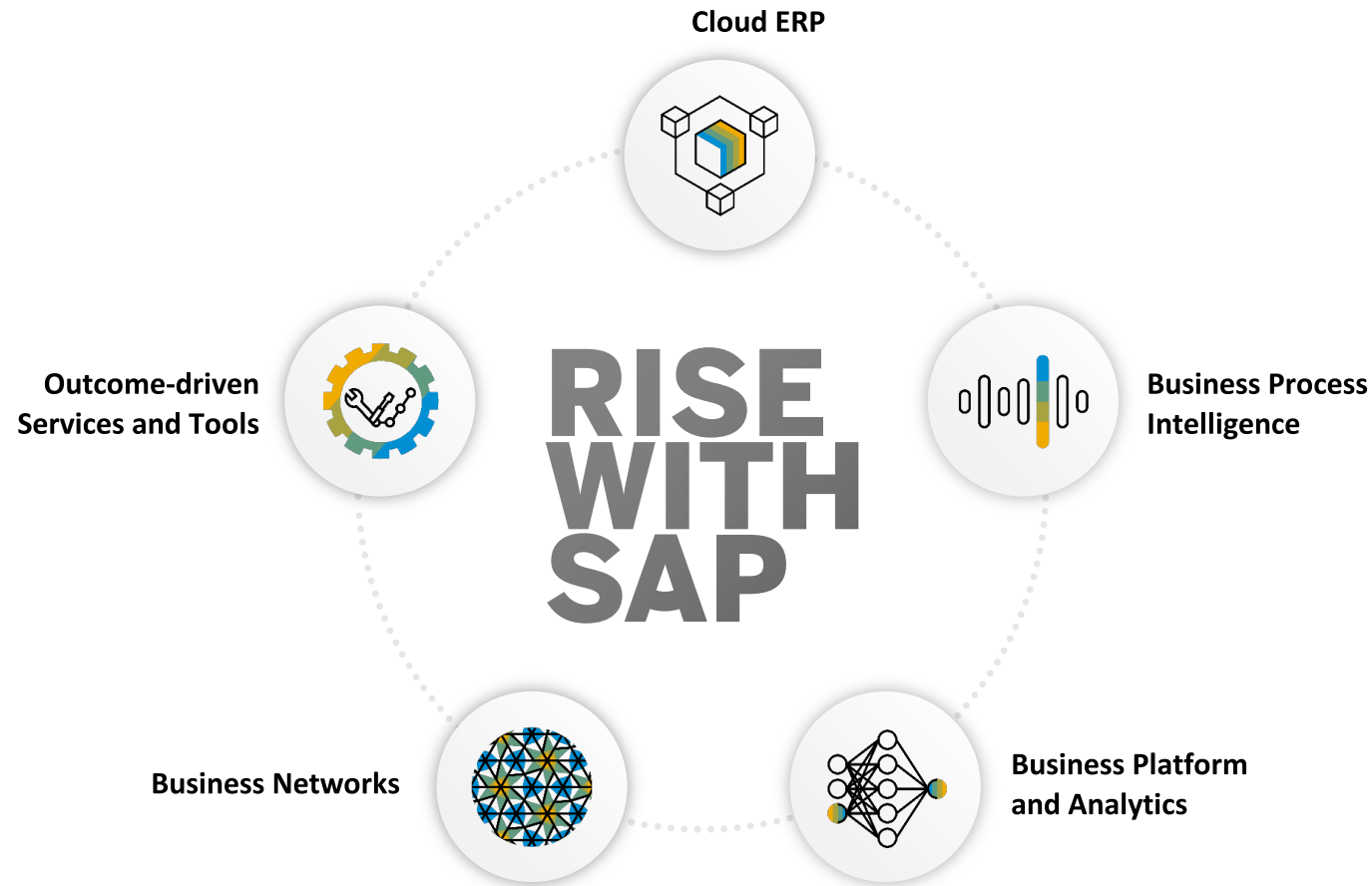
EA Word Puzzle

M O D U L A R

- Monolithic vs. Modular

- Composable Processes

- Post-Modern ERP

- Best of Breed vs. Integrated

- Centralized vs. Decentralized

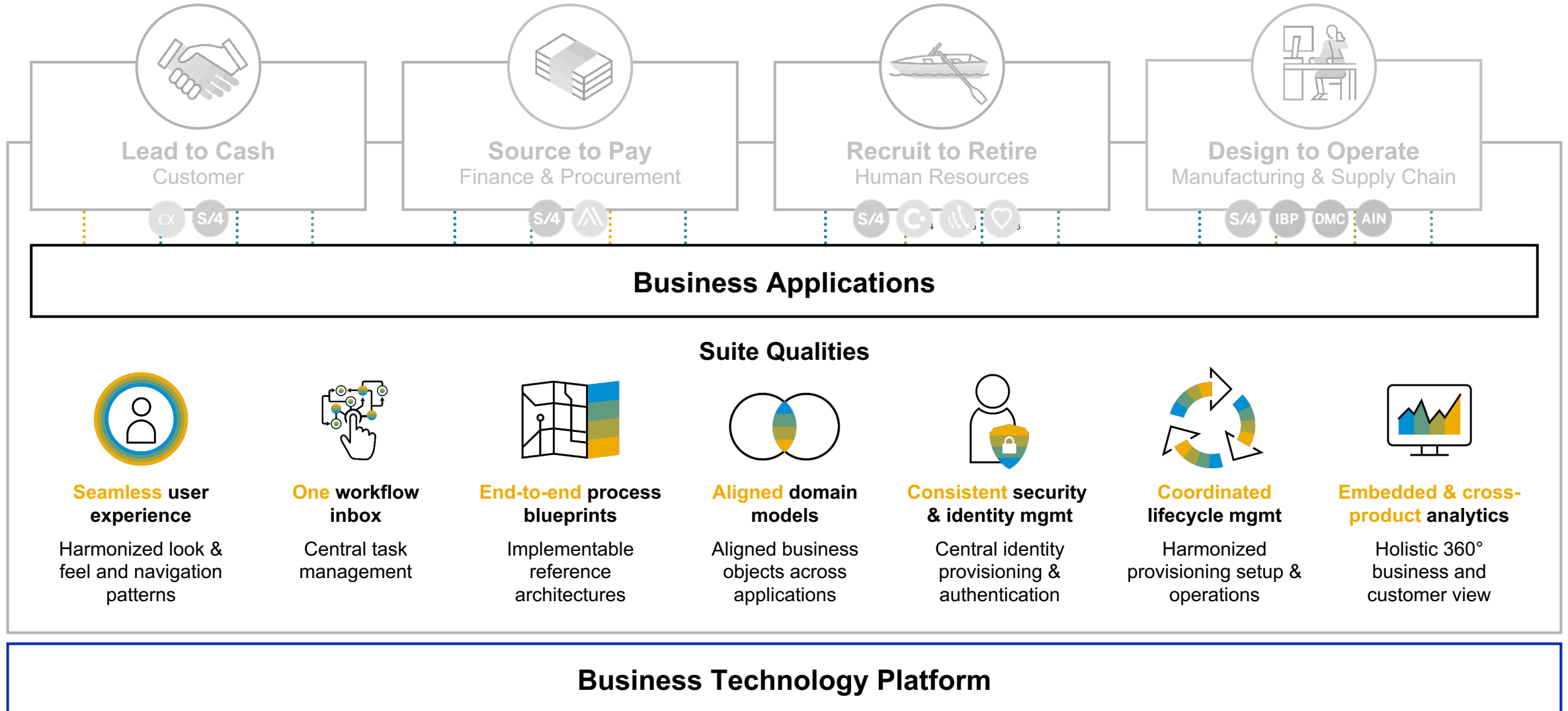- Global Template vs. Local Independence

Why You Care

- Agility
  - Global BP vs. Local Differentiation
  - Sense & Respond

- MD&A Speed

- Seamless Experience

S U I T E

(Suite Qualities)
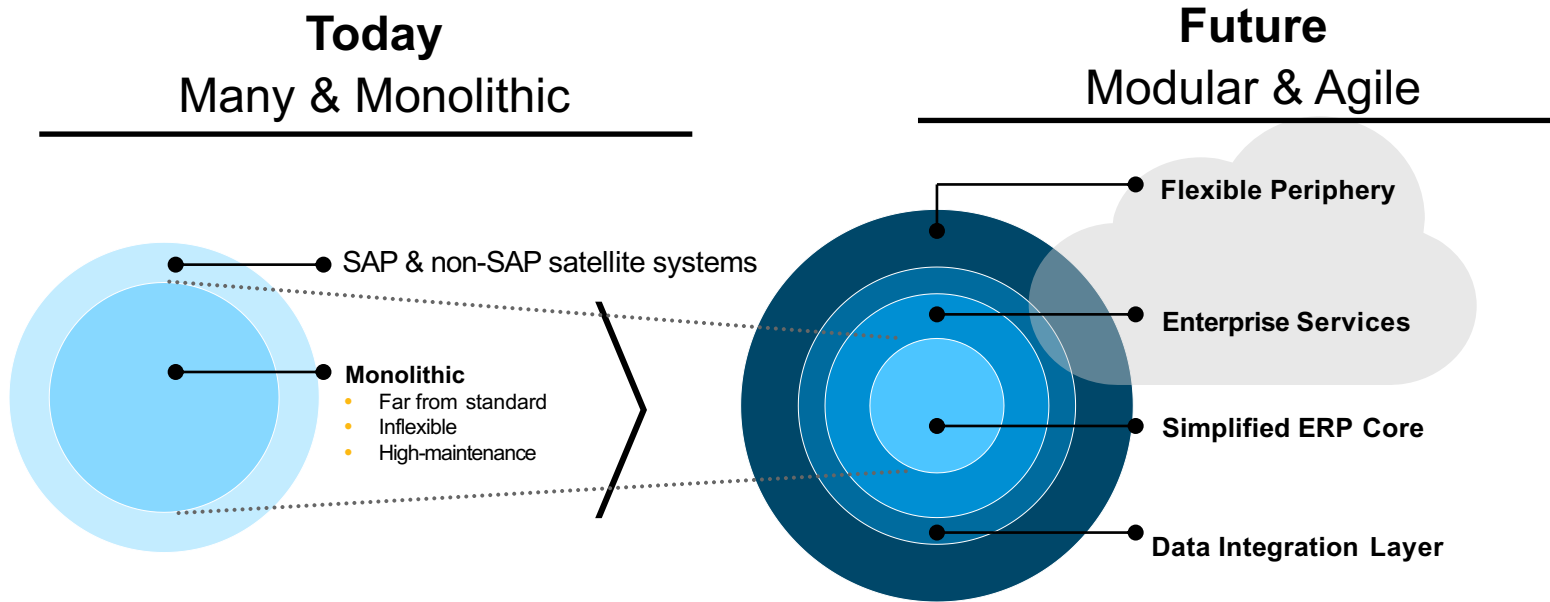
INTELLIGENT ENTERPRISES ARE CONNECTED ENTERPRISES VIA SUITE QUALITIES

Lead to Cash	Source to Pay	Recruit to Retire	Design to Operate
Customer	Finance & Procurement	Human Resources	Manufacturing & Supply Chain
CX · S/4	S/4 · M	S/4 · C · M · ♥	S/4 · IBP · DMC · AIN

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

Simplify the Core and Unlock Agility

Today
Many & Monolithic

SAP & non-SAP satellite systems

Monolithic
- Far from standard
- Inflexible
- High-maintenance

Future
Modular & Agile

Flexible Periphery

Enterprise Services

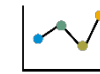**Simplified ERP Core**

Data Integration Layer

Global Harmonization without Local Compromise

Today's Accelerators

Move to Cloud
Scale technologies

Fit to Standard vs. Fit to Gap
Model Company & Activate Methodology

Common Platform as a Service
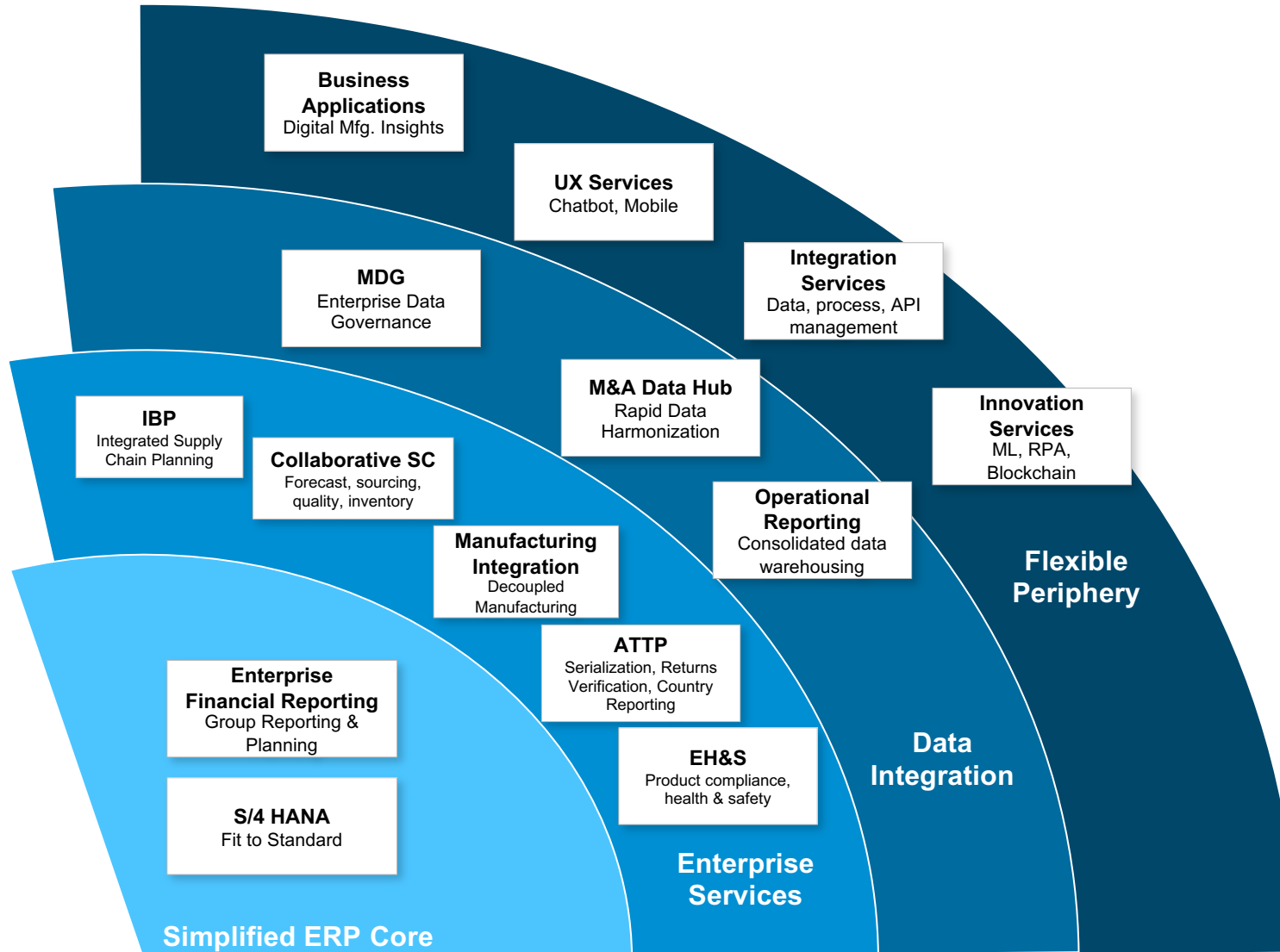Integration, Extension & Innovation

Integrated Analytics
Create visibility

Data Strategy
Harmonized data transparency

Modular Architecture Provides Flexibility and a Simplified Core

Business Applications
Digital Mfg. Insights

UX Services
Chatbot, Mobile

Integration Services
Data, process, API management

MDG
Enterprise Data Governance

M&A Data Hub
Rapid Data Harmonization

Innovation Services
ML, RPA, Blockchain

IBP
Integrated Supply Chain Planning

Collaborative SC
Forecast, sourcing, quality, inventory

Operational Reporting
Consolidated data warehousing

Manufacturing Integration
Decoupled Manufacturing

ATTP
Serialization, Returns Verification, Country Reporting

Enterprise Financial Reporting
Group Reporting & Planning

EH&S
Product compliance, health & safety

S/4 HANA
Fit to Standard

Flexible Periphery

Data Integration

Enterprise Services

Simplified ERP Core

Flexible Periphery
- Agile development
- Customizations & Differentiations
- Platform-as-a-Service

Data Integration Layer
- Model and data governance
- Linking of data across all levels
- Harmonization prior to integration

Enterprise Services
- Plug & Play – zero friction
- Software-as-a-Service

Simplified ERP Core
- Efficient & Fast
- Close to standard
- Centralized governance

FIT FOR FUTURE TECHNOLOGY STRATEGY

W H A T (vertical, left margin)

H O W (vertical, right margin)

Business Specific
Competitive advantage, tuned to business and customer needs

Principles
- Fit for purpose → Customer Focus
- Agile → Flexible, adapt to change
- Speed → Deliver Value early

Examples
- R&D development
- Verticalization differentiation
- Price determination
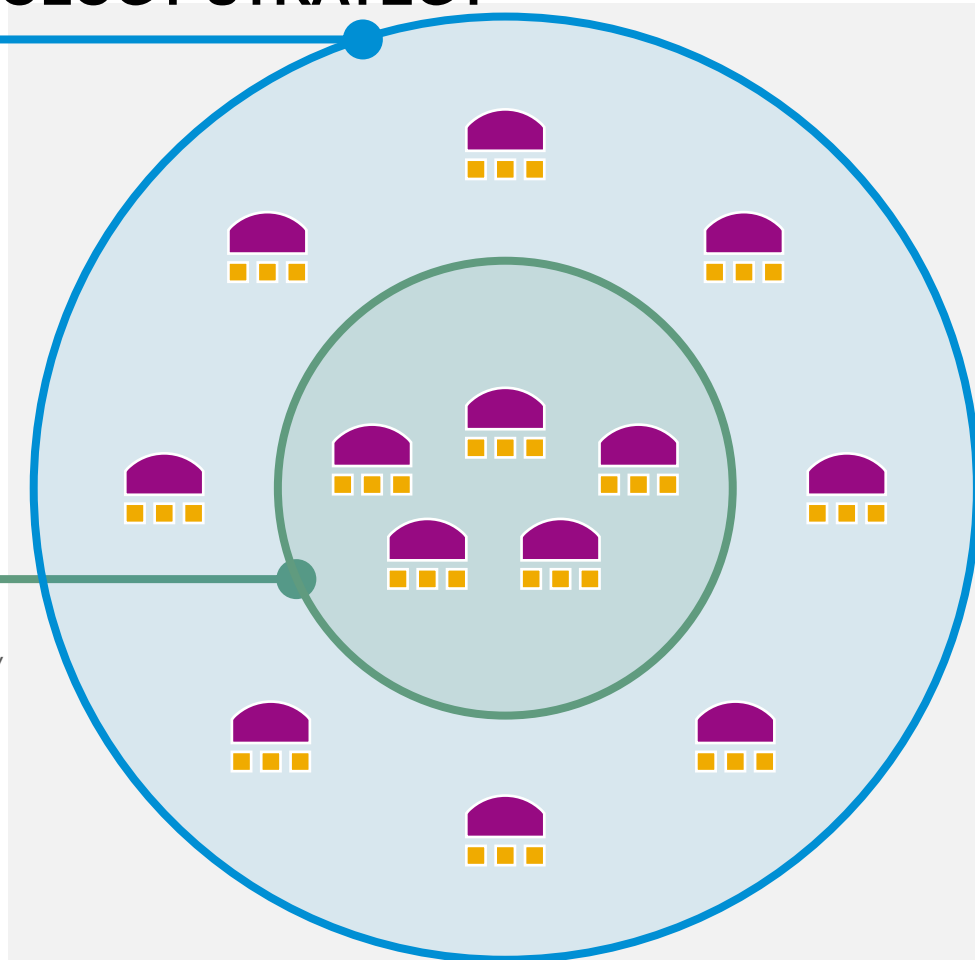- Produce Product

Enterprise Core
Competitive necessity, driving operational effectiveness, across your company globally

Principles
- Standardized → Out of the box functionalities
- Quality and Cost optimized → Max automation
- Clearly governed → One decision maker

Examples
- Manage account receivables & payables
- Inventory planning & forecasting
- Manage Payroll

Composable Architecture
Modular technology to enable business resilience

Principles
- Modularity – packaged business capability
- Discovery – easy to find, integrate and (re)use
- Autonomy – easy to change, replace, remove
- Orchestration – secure by design and ready to be used

Examples
- A 'Pricing Engine' used for price determination for a wide variety of products by different business lines

Connected Enterprise via Suite Qualities
Easy access to technology capabilities

Principles
- Commoditization of connectivity
- Accessibility and usability
- Innovation enabled through zero friction

Examples
- Every (business) capability is digitally published
- Exposed capabilities may be consumed, combined and innovated upon without consent of the owner

Data
Structured, organized quality data for the enterprise

Principles
- Data Governance
- Data Management
- Date Models

Examples
- Democratized data
- Ownership, Quality
- Trusted Reporting, AI supported decisions

BUSINESS CAPABILITIES

FIT FOR FUTURE TECHNOLOGY

SAP's Intelligent Enterprise Framework Helps Build Agility, Responsiveness and E2E Visibility Across the Value Chain

SAP "Metro Map" for E2E Business Processes

Seamlessly connecting your customers, partners, suppliers and employees across each end-to-end process, while providing complete enterprise-wide transparency

Not Here

Start Here
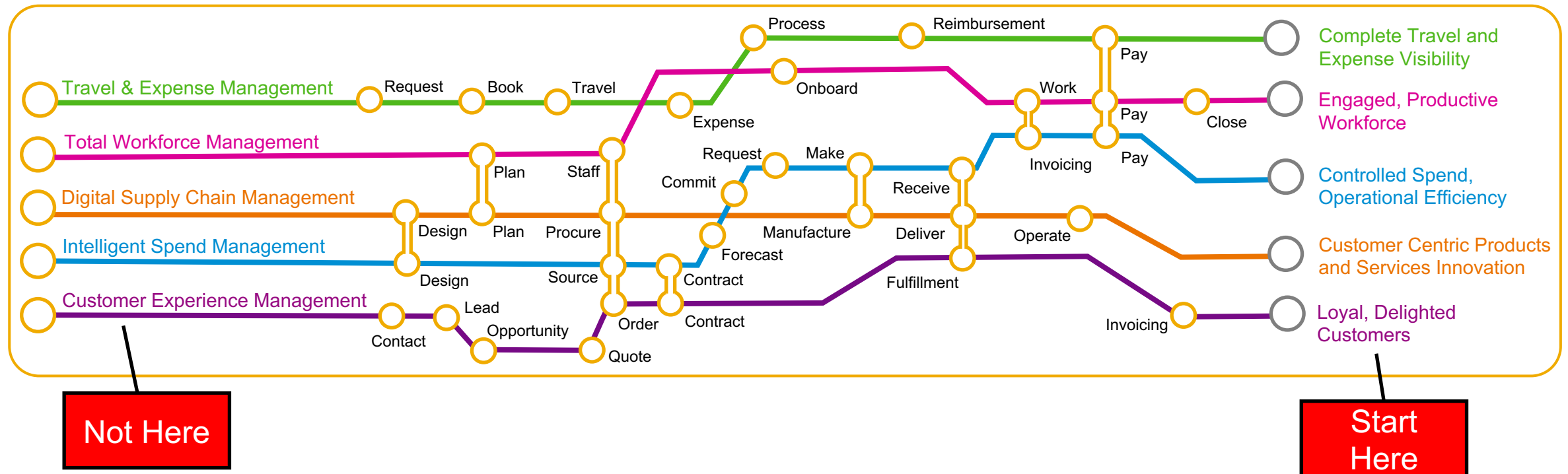
SAP Signavio Process Transformation Suite

A cloud-based **process management platform** that gives companies **the ability to understand, improve, and transform all their business processes** – fast and at scale
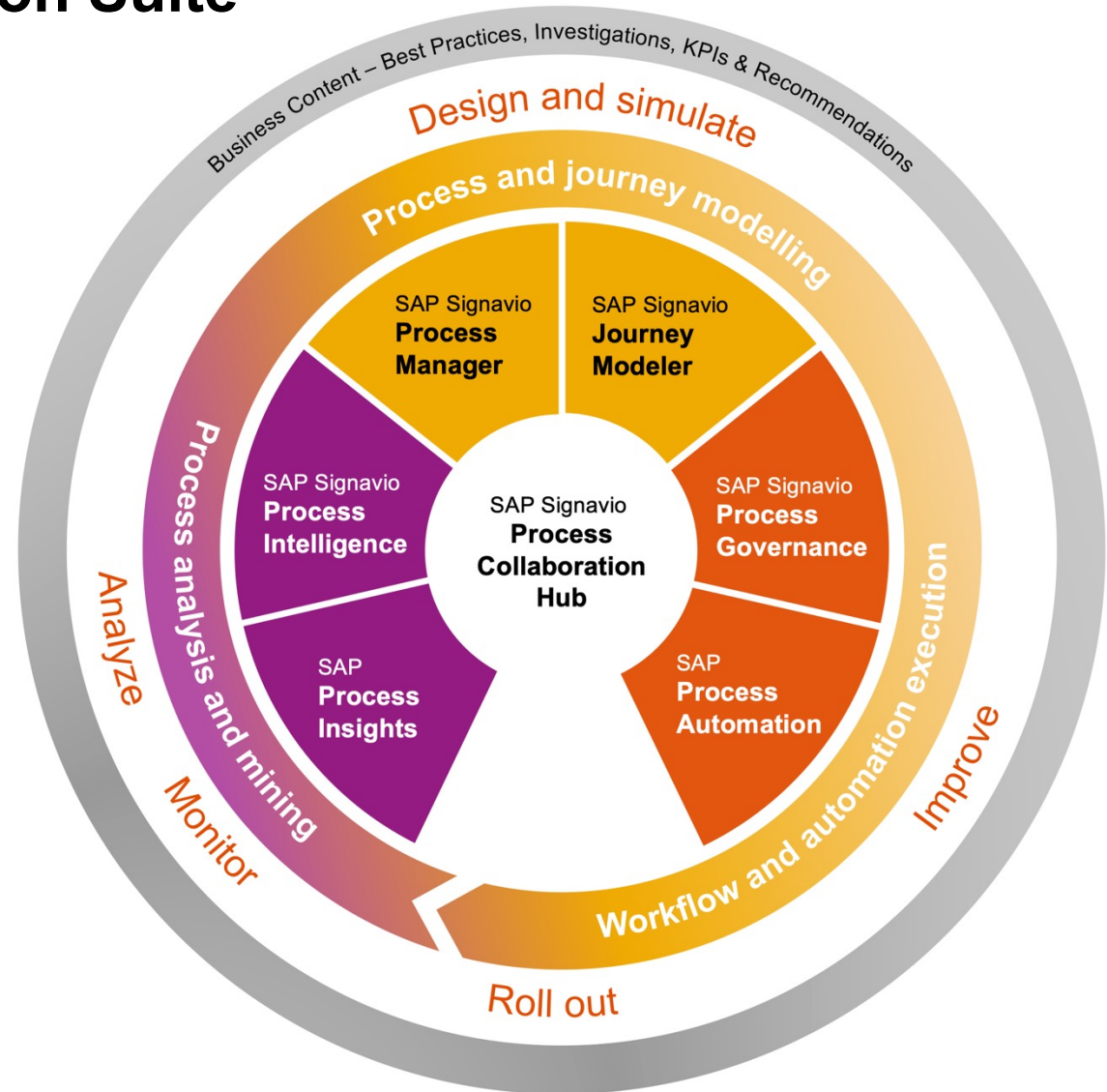
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THANK YOU

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A Collaboration of **SAP** and **SAP**insider