



SAP® PartnerEdge®

Partner Certification Academies for SAP BTP **Low-Code/No-Code Developer - SAP Build** **Discovering SAP Business Technology Platform**

FOR INTERNAL SAP AND PARTNER USE ONLY

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Slides: Milton Chandradas, Cindy Zhan

Discovering SAP BTP

Personas



CIO



CPO



COO



CHRO



CRO

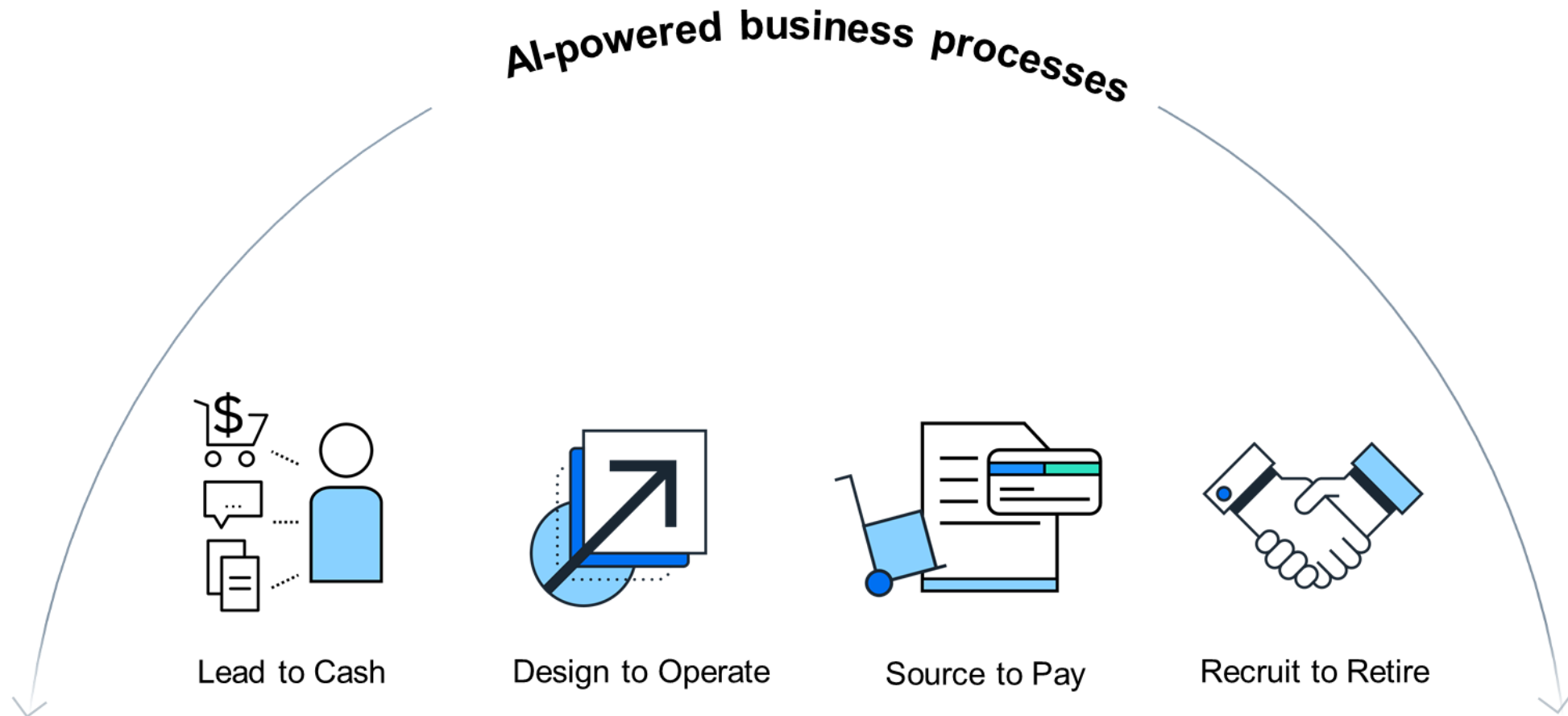


CFO

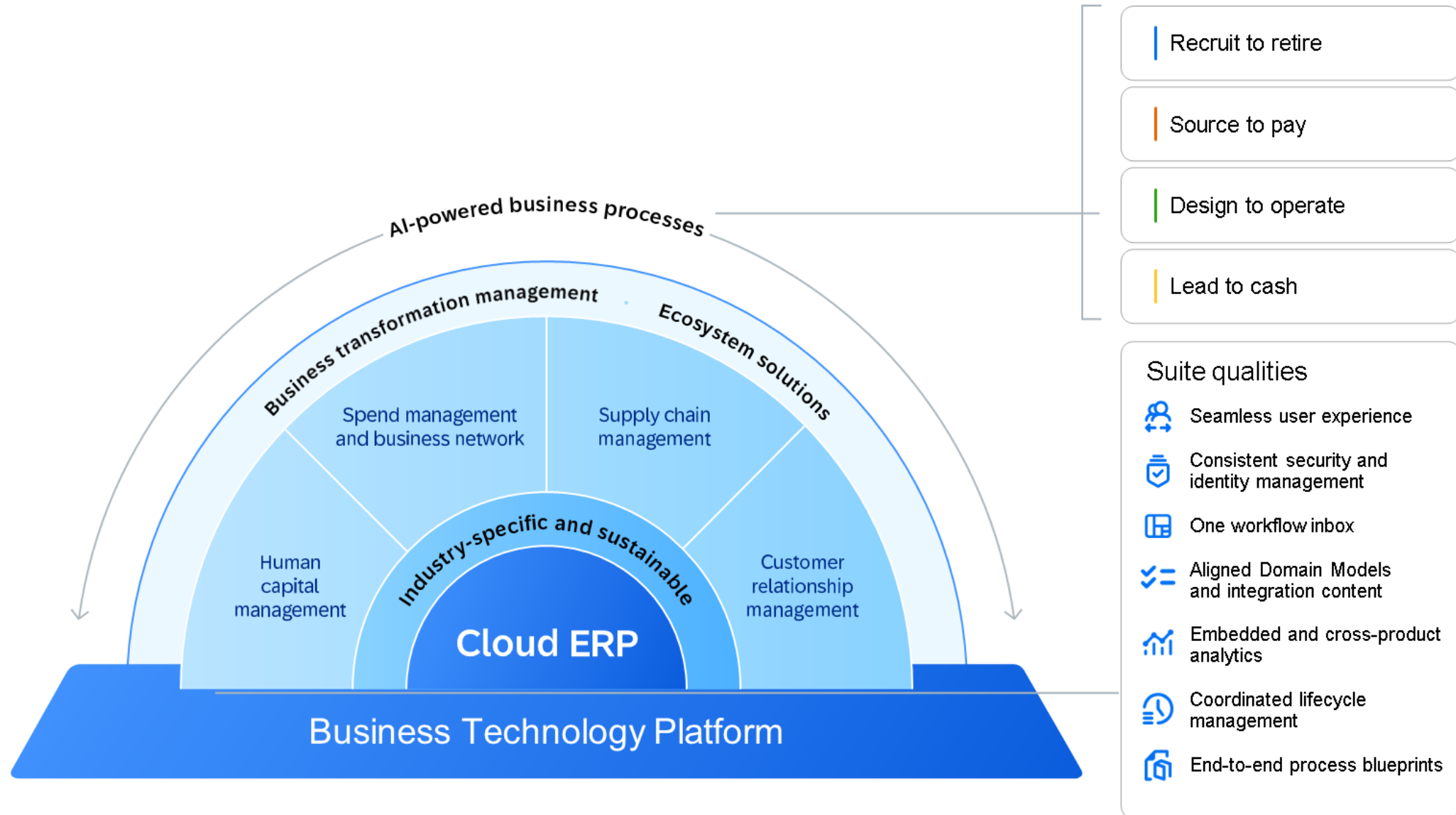
Partners with all functions across the business to support

Drives efficient spend analysis and optimization Enhances supplier risk management Supports sustainable procurement practices	Strategic supply chain planning Cost management Working capital management Compliance with trade and tax regulations	Advances workforce planning and budgeting Enables compensation analysis and optimization Ensures local regulatory compliance	Drives sales target setting and steering Optimizes pricing and bundling Supports new business model development	Drives financial insights and reporting alignment Enhances cost management and operational efficiency Supports financial planning + forecasting
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Business Processes

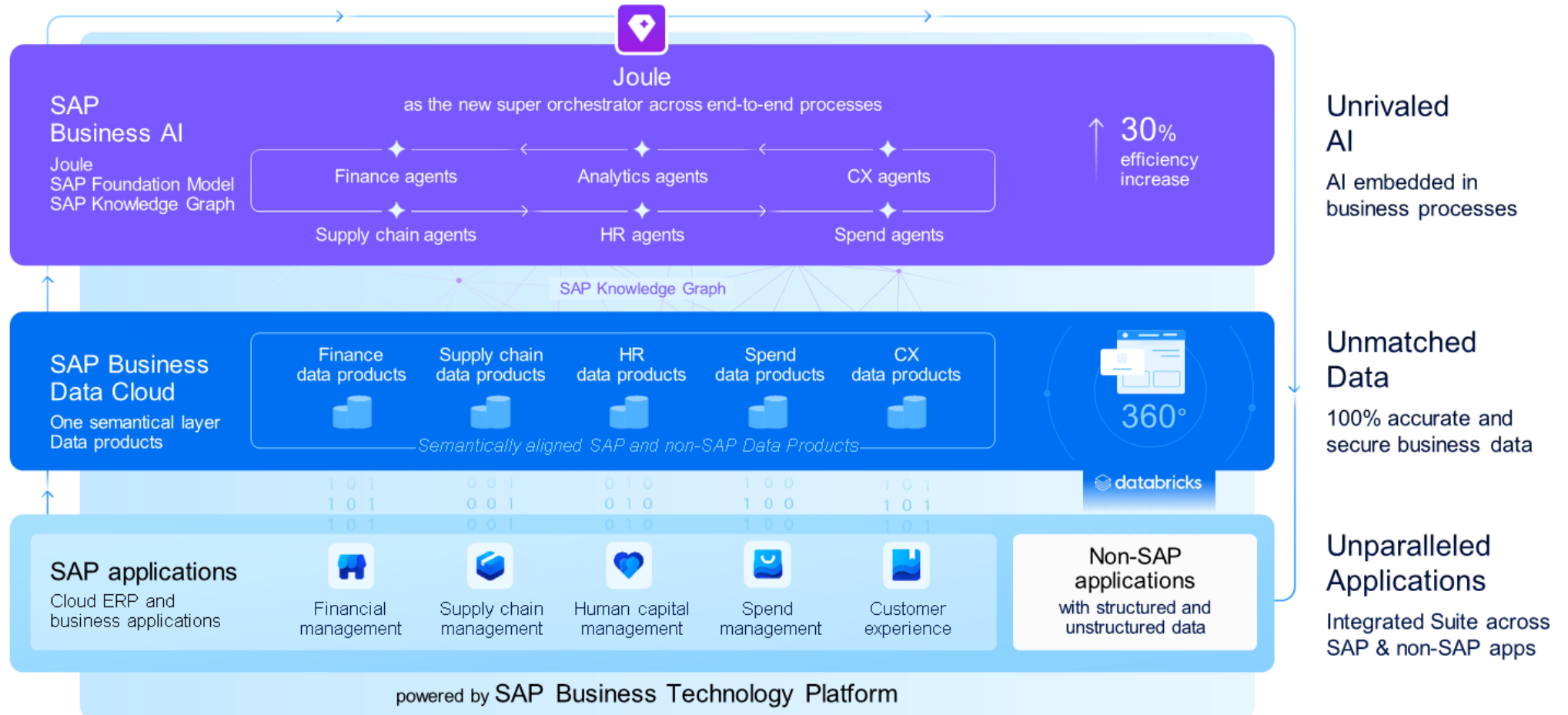


SAP Business Technology Platform



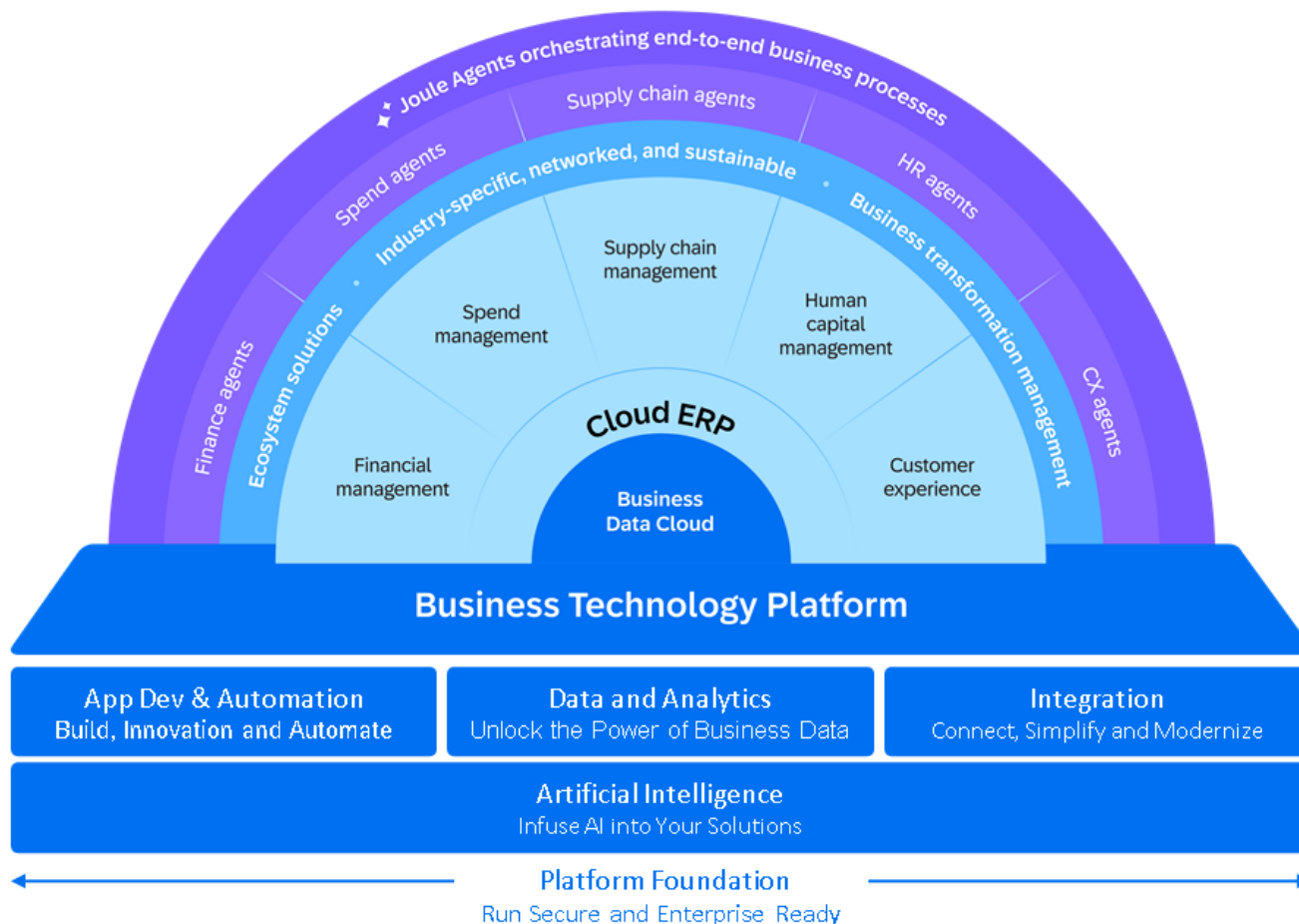
SAP Business Suite

SAP brings all components together to lead the way into the next era of enterprise management



BTP key pillars:

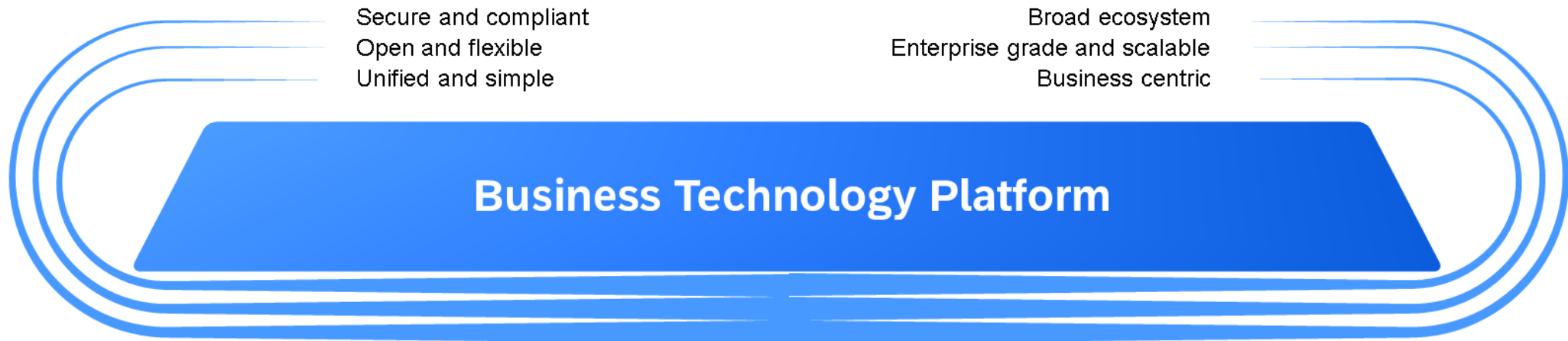
- App Development and Automation, which enables rapid development of applications and streamlining of processes;
- Data and Analytics, providing robust analytics tools that facilitate data-driven decision-making;
- Integration, ensuring smooth connections across diverse systems and processes;
- Artificial Intelligence, which infuses advanced AI capabilities into enterprise solutions, enhancing their intelligence and effectiveness.



Suite qualities

- Seamless user experience
- Consistent security and identity management
- One workflow inbox
- Aligned Domain Models and integration content
- Embedded and cross-product analytics
- Coordinated lifecycle management
- End-to-end process blueprints

Foundational Pillars of SAP BTP



App Dev	Automation	Integration	Data and Analytics	AI
<ul style="list-style-type: none">→ Visual low-code/no-code experience→ Pro-code tooling→ Digital experience→ DevOps	<ul style="list-style-type: none">→ Workflow management→ Robotic process automation→ Process monitoring and analytics→ Automated document processing	<ul style="list-style-type: none">→ Process integration→ API-led integration→ Event-driven integration→ Hybrid integration→ B2B integration→ Data integration	<ul style="list-style-type: none">→ Analytics and planning→ Data management→ Operational database→ Data warehouse and data lake	<ul style="list-style-type: none">→ Pretrained AI models→ Generative AI and AI workload management→ Business data and context→ Responsible AI

SAP BTP Suite Qualities



Seamless user
experience



Consistent security and
identity management



One workflow
inbox



Aligned Domain Models
and integration content



Embedded and cross-product
analytics



Coordinated lifecycle
management



End-to-end process
blueprints

Main use cases of SAP BTP



Accelerate the
move to the cloud



Optimize and automate
business processes



Drive decisions
based on data



Keep the
core clean



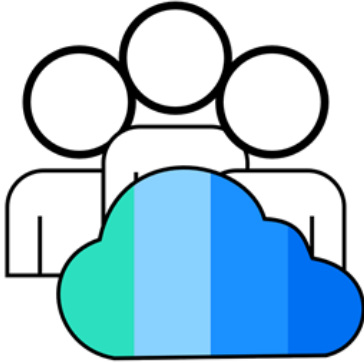
Deliver personalized
experiences



Connect applications and
processes across the
enterprise

Deployment Models

PUBLIC



Public Cloud – a cloud system assigned to many customers. The resources are shared but operative data is separated on application level.

PRIVATE



Private Cloud – a cloud system assigned to one customer. The resources of a private cloud are not shared. Not accessible for others.

HYBRID



Hybrid Cloud – a mixture of combining private and public cloud solutions to one integrated landscape. It's also possible to integrate on-premise scenarios into cloud scenarios of your choice.

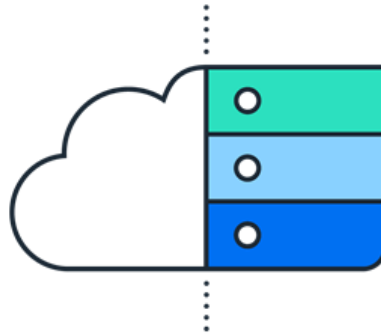
Service Models

IAAS



Infrastructure as a service –
subscribing to hardware
resources based on your
demand (for example, network
storage, databases, ...)

PAAS



Platform as a service –
subscribing to middleware
functionalities on top of your
virtual infrastructure. Adapt
functions and extend the
platform with your custom logic
and applications (for example,
SAP Business Technology
Platform)

SAAS



Software as a service –
subscribing to applications
based on your demand.
Traditional business software or
entertainment media – almost
everything today is SAAS (for
example, Netflix, SAP Analytics
Cloud, SAP S/4HANA Cloud)

SAP BTP Commercial Models



Pay-as-You-Go (PAYG) is a fast and easy way to jump start innovation with SAP BTP. *



SAP BTP Enterprise Agreement (BTPEA) allows for the consumption of cloud credits based on actual usage.



Subscription lets you choose a fixed set of services for a fixed rate, regardless of actual consumption.

* Direct channel only

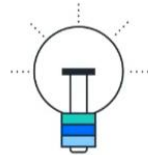
BTP free tier and trial account

Sign up for a PAYG account* and start today with our free tier service plans!

Need ideas? Check out the “Free Tier” missions on SAP Discovery Center.



Access free-tier service plans



Start developing – check out missions

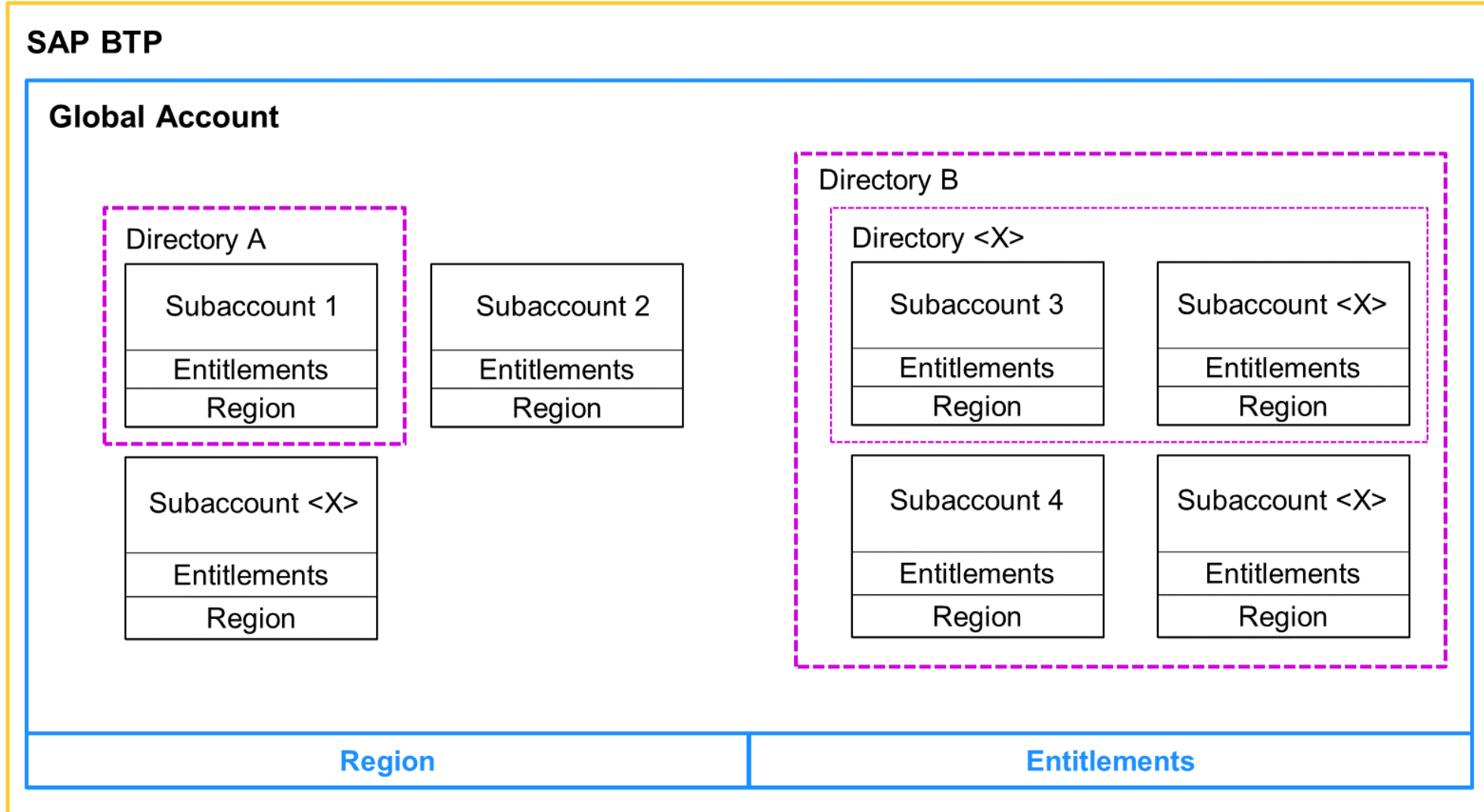


Go productive with a simple upgrade

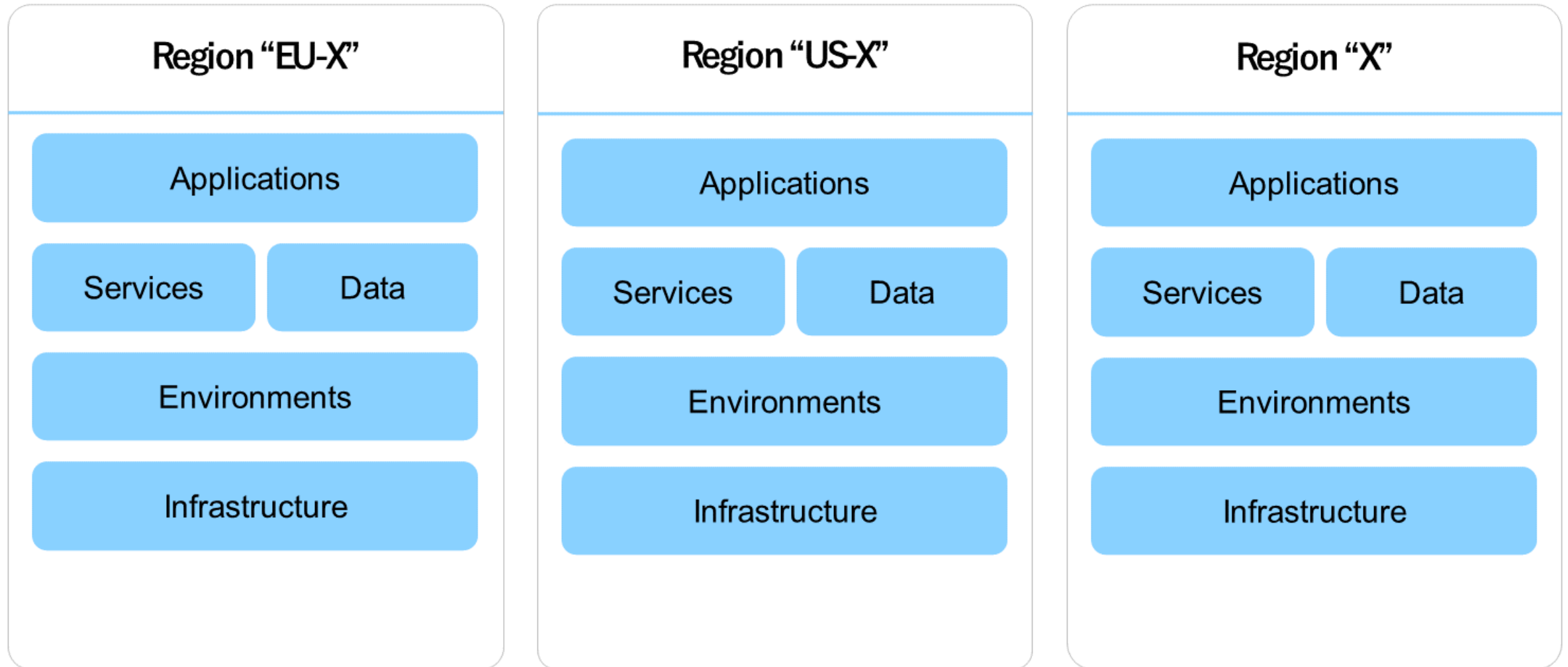


Get support from the entire SAP community

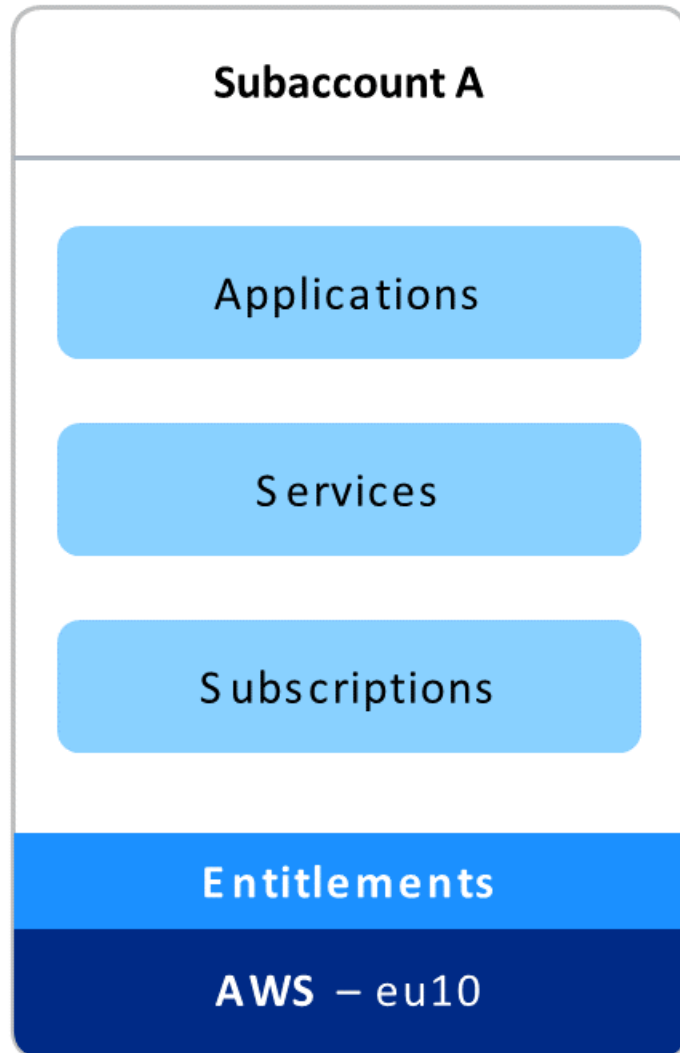
Architecture of SAP BTP



SAP BTP: Regions



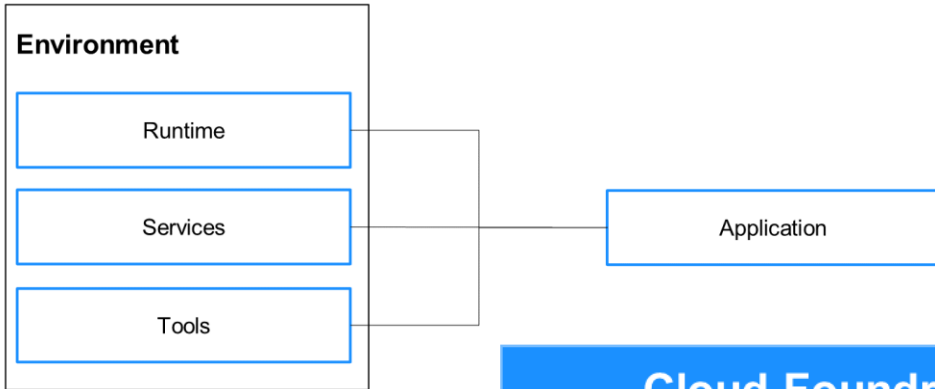
SAP BTP: Subaccount



Business **applications** or custom developments running and operating in this subaccount - they can even get bounded to services and subscriptions inside of this subaccount if needed

Service **instances** created and running in this subaccount

Service **subscriptions** and their capabilities accessible in this subaccount



Cloud Native

Cloud Foundry



- Cloud runtime
 - Development
 - Operation
- Cloud environment
 - Deployment
 - Scaling
- Open source project
- Platform-managed Load balancing, Routing, Health checks, Security Updates
- Enterprise-grade business applications and services

Kyma



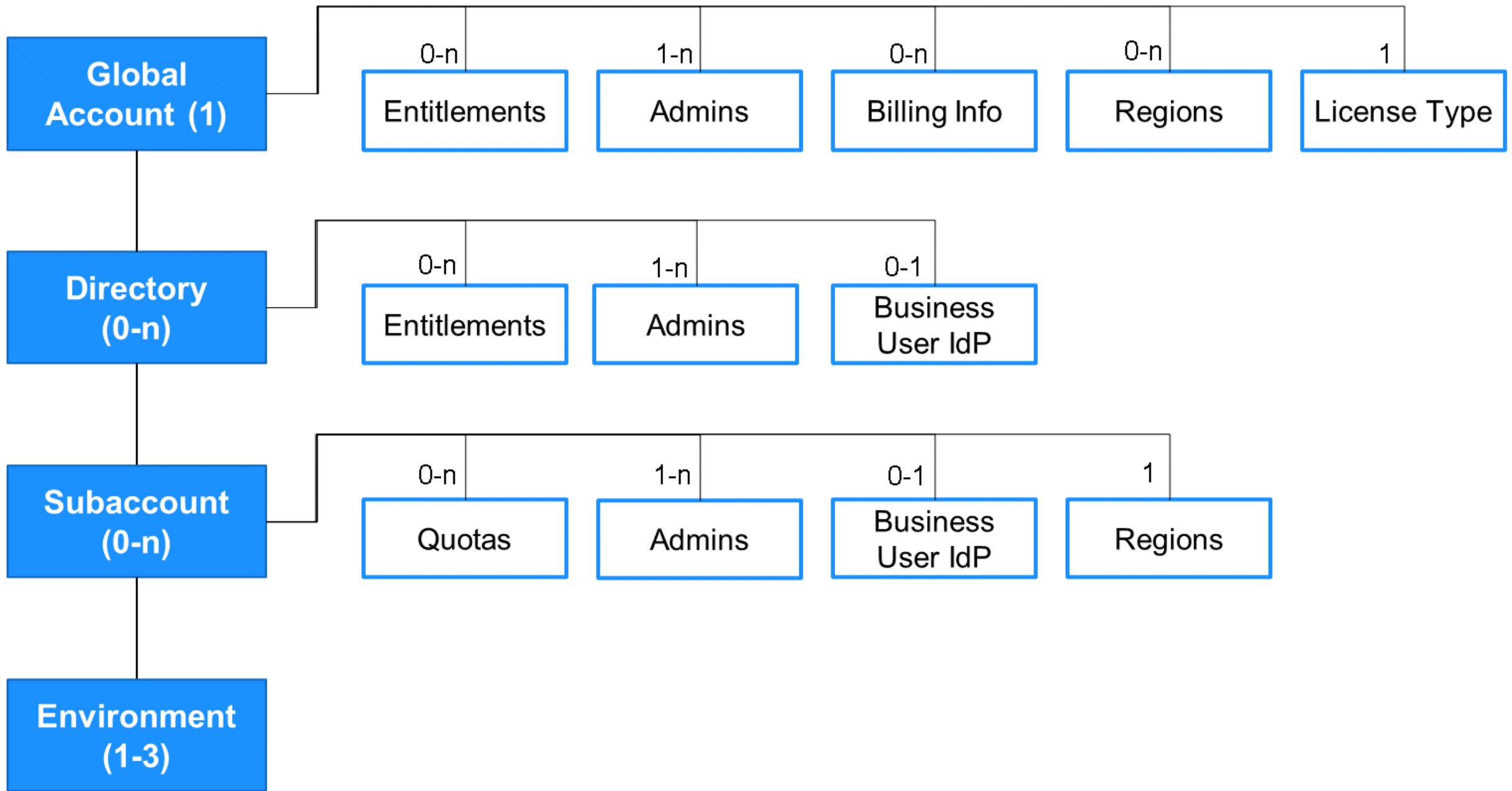
- Cloud runtime
 - Development
 - Operation
- Based on Kubernetes
- Open source project
- Cloud-native development of apps and services
- Brings built-in managed service mesh
- Highly scalable, microservice-based apps

Cloud Enabled

ABAP Environment



- ABAP runtime
 - Development
 - Operation
- ABAP environment
 - Deployment
 - Scaling
- SAP project
- ABAP RESTful programming model
- Migrate and adapt add-ons to the cloud
- Enabling ABAP developers to go to the cloud
- Fully configured applications

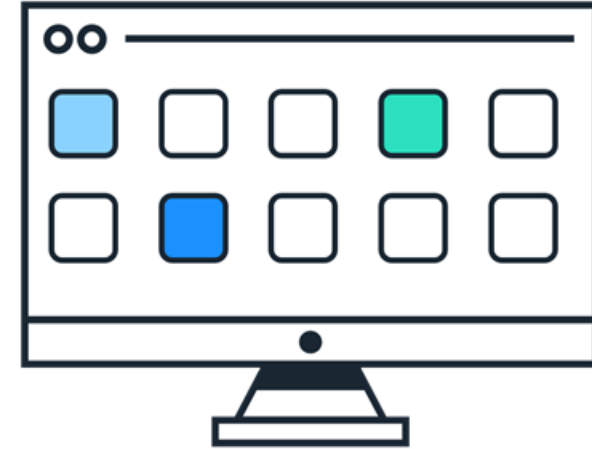


Services in SAP BTP



Instance

Service instances provide interface based access to capabilities (sometimes a user interface when created in an environment)



Subscription

Service subscriptions provide capabilities through a graphical application running in it's own environment – no additional environment is required

Connectivity Services



Destination Service

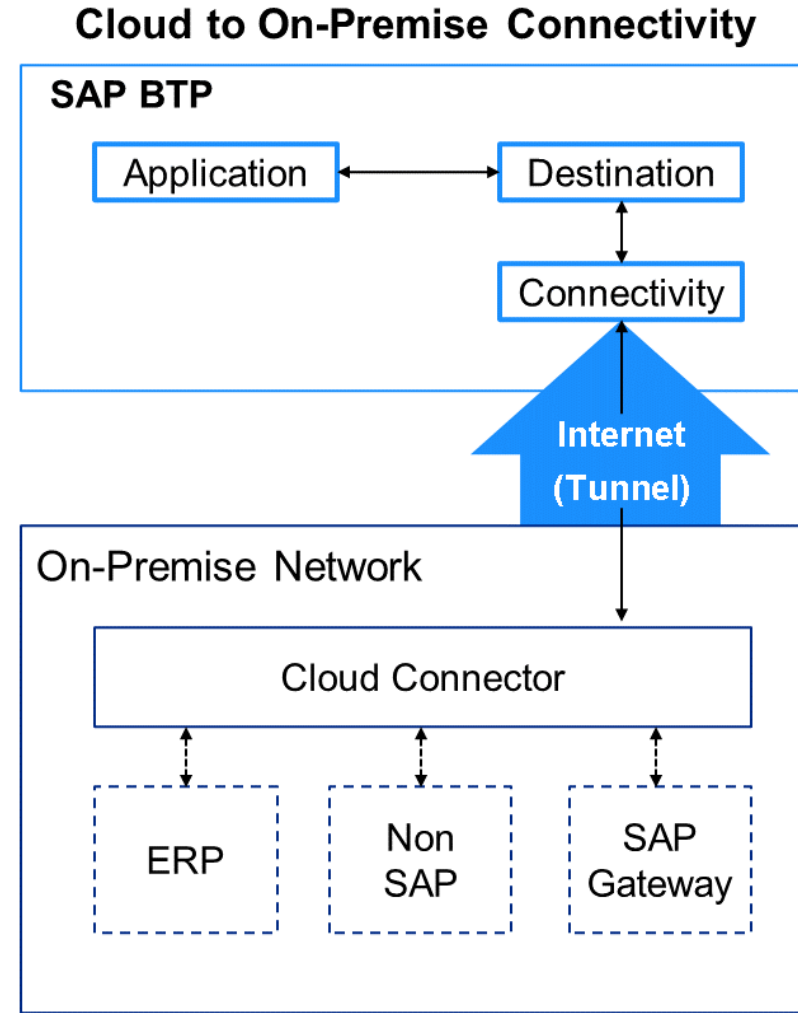
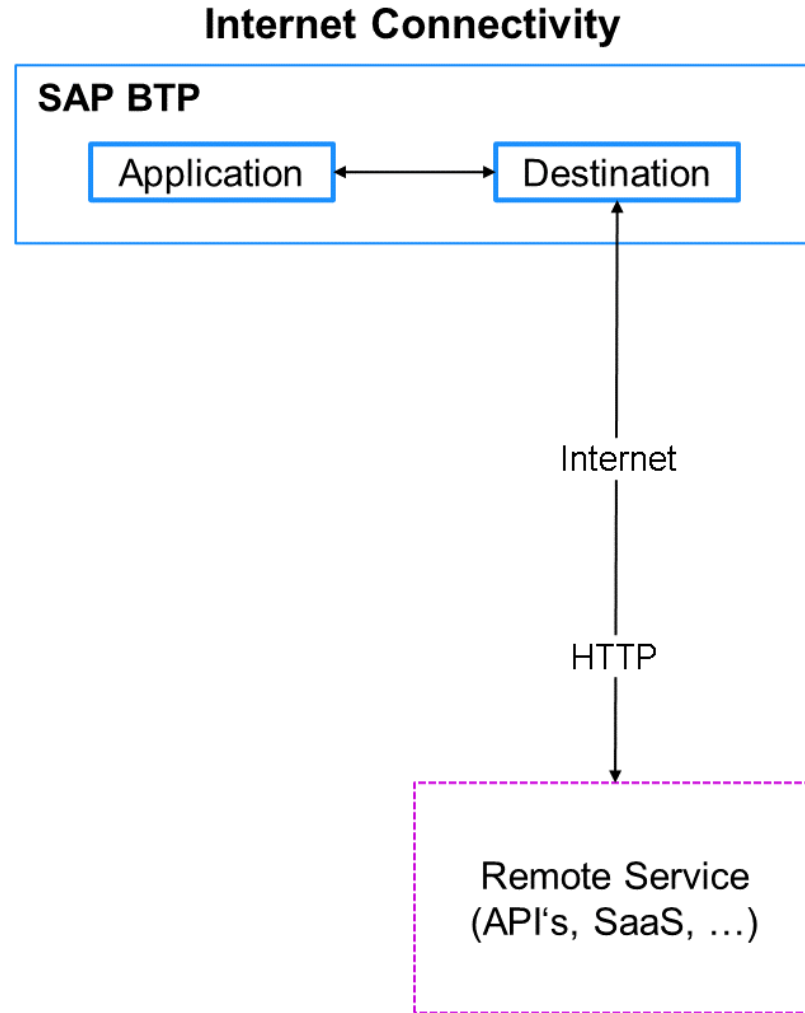
Provides a secure and reliable access to destination and certificate configuration.



Connectivity Service

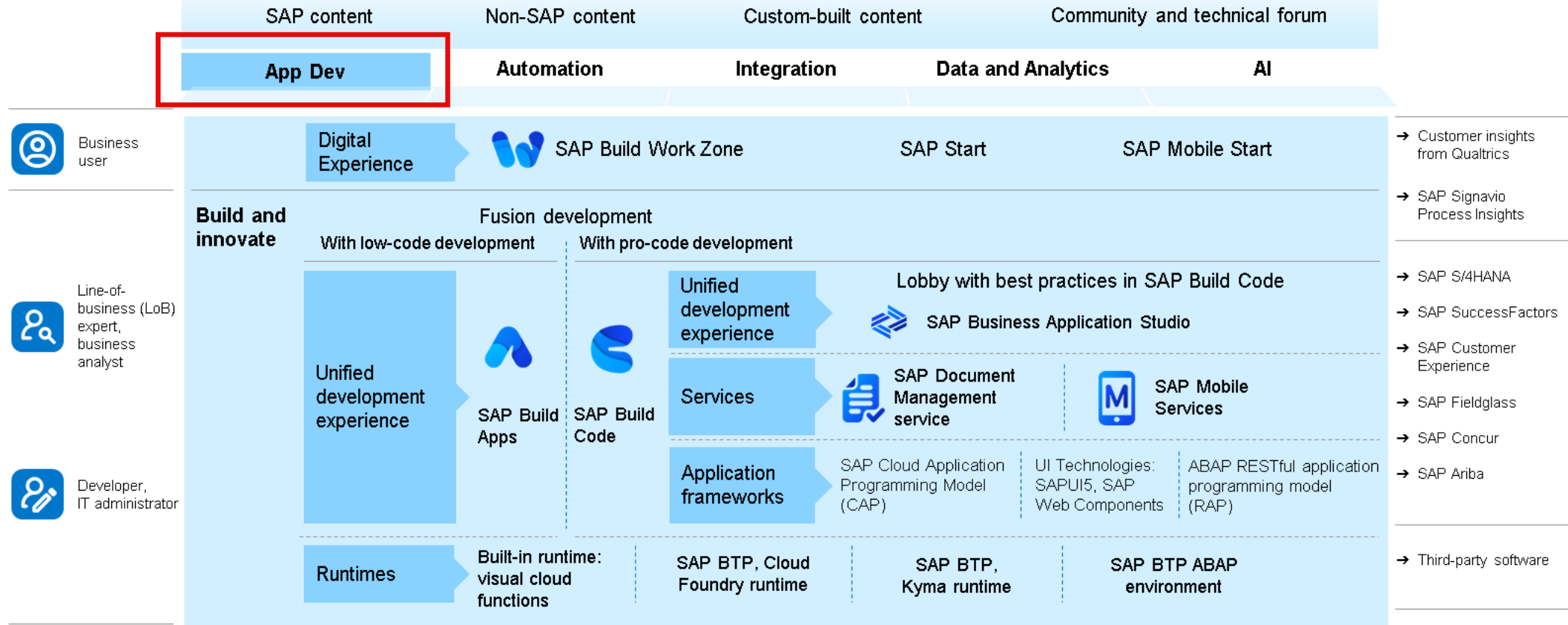
Establishes a secure and reliable connectivity between cloud applications and on-premise systems.

Connectivity Types



Business Technology Platform

Ecosystem and Marketplace



Business Technology Platform

Ecosystem and Marketplace

SAP content

Non-SAP content

Custom-built content

Community and technical forum

App Dev

Automation

Integration

Data and Analytics

AI



SAP Build Process Automation

Consume

Process UI

Forms

SAP Task Center

Process workspace

Build and automate

No-code process design studio

Process builder

Store content access through
SAP Business Accelerator Hub

Forms and approvals

Decisions

Actions

Automations

Process visibility

Process automation runtime

Workflow

Business rules

Robotic process automation

Automated document processing

Embedded AI services

→ Customer insights from Qualtrics

→ SAP Signavio Process Insights

→ SAP S/4HANA

→ SAP SuccessFactors

→ SAP Customer Experience

→ SAP Fieldglass

→ SAP Concur

→ SAP Ariba

→ Third-party software



Business user



Line-of-business (LoB) expert, business analyst



Developer, IT administrator

Business Technology Platform

Ecosystem and Marketplace

SAP content

Non-SAP content

Custom-built content

Community and technical forum

App Dev

Automation

Integration

Data and Analytics

AI

Analytics and planning

Explore, discover, and consume business events, APIs, connectors, and built-in integrations

→ Lead to cash
→ Recruit to retire
→ Source to pay

3,400+ built-in integrations*
3,800+ APIs and data graphs
600+ Business event types
250+ Connectors to SAP and third-party software
350+ End-to-end business processes

AI-assisted integrations
Automated migrations
Industry B2B standards

→ Third-party apps

→ SAP apps

→ Trading partners

→ Governments

→ Event streams



SAP Integration Suite

Integration platform-as-a-service (iPaaS) connecting processes and data across your value chain in cloud-to-cloud or cloud-to-on-premise scenarios

Hybrid integrations

API-based and event-driven integrations

B2B / B2G integration

Service composability

Low-code integration experience

Security and governance

Monitoring and operations

Integration strategy proposals

SAP Integration Solution Advisory Methodology

Migration from SAP Process Orchestration

Hybrid integration runtime

On-premise-to-on-premise integration in hybrid landscapes

Connectivity

Cloud-to-on-premise, more- secure connectivity

*Content provided by SAP, partners, and the community



LoB experts



Developers / integration experts

Business Technology Platform

Ecosystem and Marketplace

SAP content

Non-SAP content

Custom-built content

Community and technical forum

App Dev

Automation

Integration

Data and Analytics

AI



Application user

Analytics and planning



SAP Analytics Cloud

Business intelligence

Enterprise planning

Augmented analytics

→ Third-party data lakes

- Microsoft Azure
- AWS
- Google Cloud
- Alibaba Cloud



Analyst

Business data fabric



SAP Datasphere



SAP Master Data Governance

Self-service modelling & preparation

Data spaces

Business semantics

Knowledge graph

Data cataloging

Data governance

Master data consolidation

Data quality management

→ SAP applications

→ Unstructured data



Data modeler or engineer

Database



SAP HANA Cloud

Integrated multi-tier storage

Multi-model processing

Embedded data science

Intelligent data applications

Vector embeddings & RAG

→ Streaming data

→ Third-party applications



Developers and database administrators

Lifecycle management

Machine learning

Security and authorization

Data privacy and protection

Hybrid integration to on-premise

Reuse assets and skills in the SAP Business Warehouse application with the SAP BW Bridge for SAP Datasphere Extend on-premise workloads in SAP HANA to SAP HANA Cloud

Connectivity

Cloud-to-ground secure connectivity

Business Technology Platform

Ecosystem and Marketplace

SAP content

Non-SAP content

Custom-built content

Community and technical forum

App Dev

Automation

Integration

Data and Analytics

AI



Business user

AI and generative AI embedded in SAP solutions through AI Foundation on SAP BTP

Cloud ERP

Human experience management

Spend management and business network

Customer relationship management

AI and generative AI embedded in custom applications built with AI Foundation on SAP BTP

→ [Responsible AI](#)



Engineers and developers

SAP AI Services



Data Attribute Recommendation



Document Information Extraction



Personalized Recommendation



SAP Translation Hub

AI workload and generative AI management



SAP AI Core Training and serving AI scenarios



SAP AI Launchpad Monitor, operate, and manage AI models

Generative AI hub in SAP AI Core and SAP AI Launchpad Access and orchestrate large language models from one central location



AI developers and AI engineers

Business data and context



Vector engine in SAP HANA Cloud Natively store and search vector embeddings for accurate data retrieval and reduced errors



SAP Datasphere Integrate your data and AI platforms to deliver data in business terms from multiple systems and locations

Our guiding principles of responsibility and trustworthiness serve as a road map for building AI-enabled software that is transparent, safe, and designed to protect your data and privacy.