



SAP MaxAttention Innovation Workshop

SAP Business Technology Platform – Unleash the Power of Business Data

November 21, 2023

PUBLIC



Agenda

- [Welcome & Introduction – Unleash the Power of Business Data by Asit Ramteke](#)
- [Business Data Fabric – Unleash the Power of Business Data by Arvind Doomra and Harshal Mohnot](#)
- [Unified Data and Analytics Foundation for Self service visualization and modelling \(Demo\) by Shubham Kamra and Gautam Mohan](#)
- [Data Consumption Beyond Data Analytics by Asit Ramteke and Ravi Kirana Palla](#)
- [Transition to SAP Datasphere and SAP MaxAttention services by Manojguptha Ponnuru and Rahul Tayal](#)
- [Q&A and Closing Remarks by Satyajit Arlikar](#)



SAP MaxAttention Innovation Workshop

SAP Business Technology Platform – Unleash the Power of Business Data

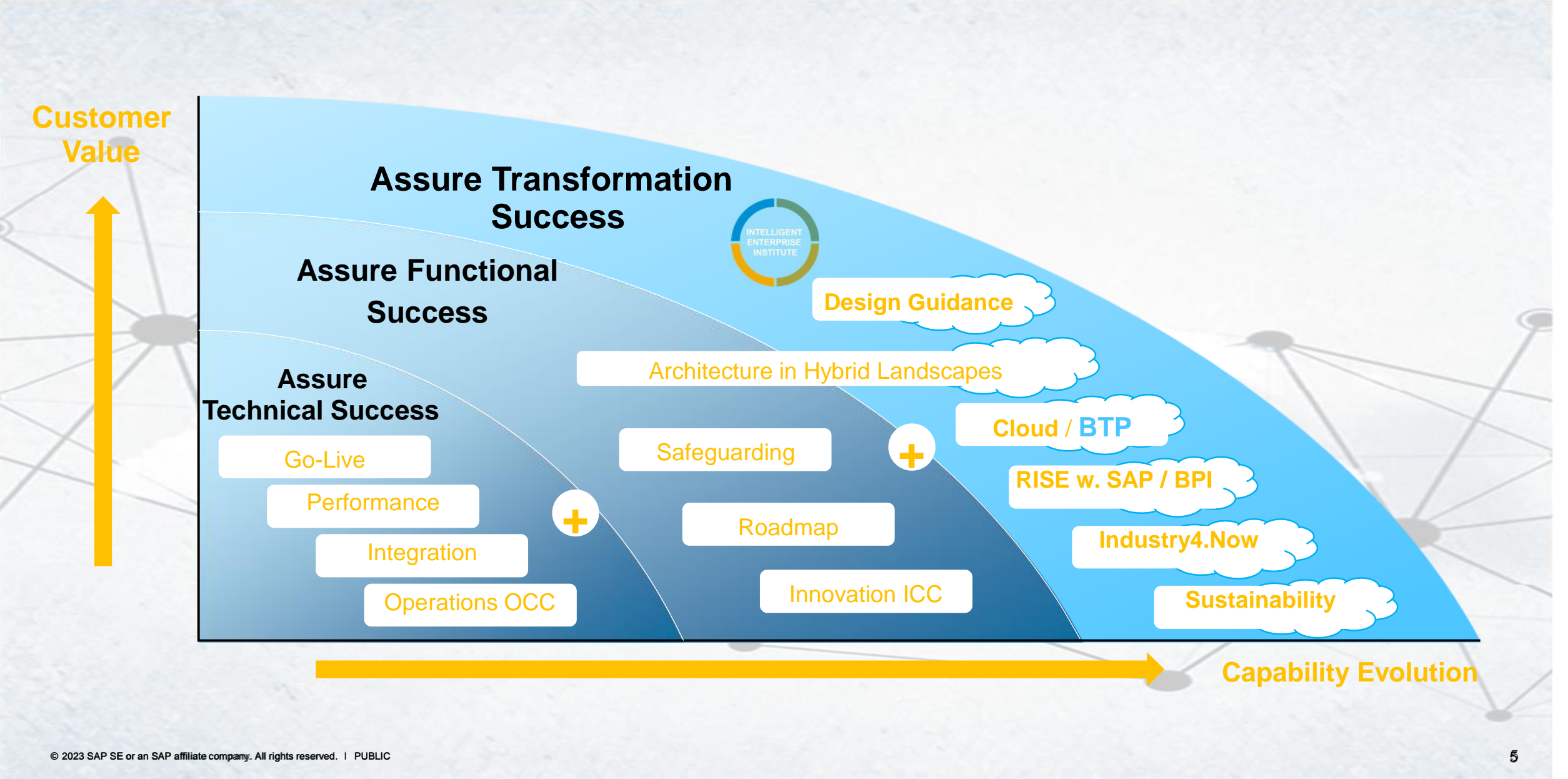
Asit Ramteke - SAP

November 2023

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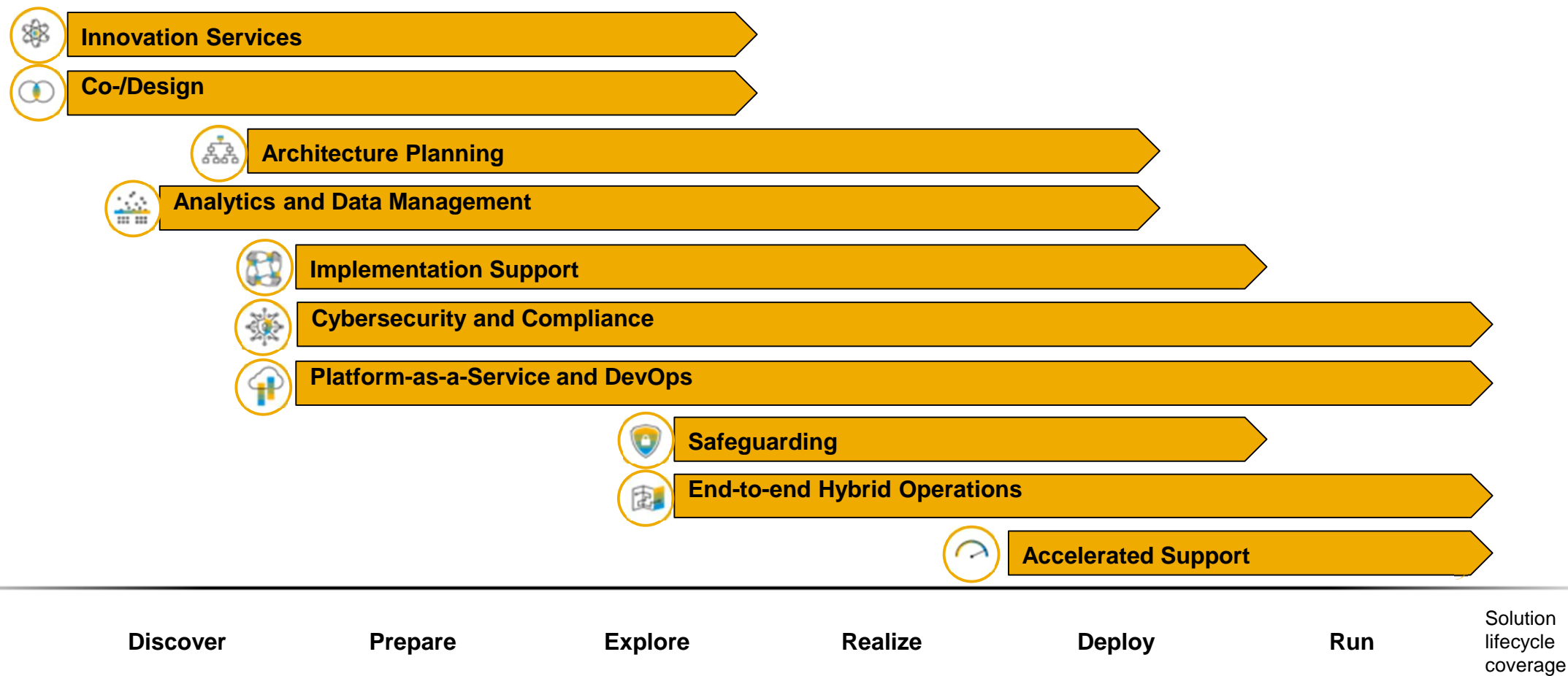
SAP MaxAttention Evolution

Advanced Capabilities to Engage with Customers & to Grow Together



SAP Premium Engagements : SAP MaxAttention Portfolio Overview

Successful Transformations **Require Comprehensive Services and Scope**

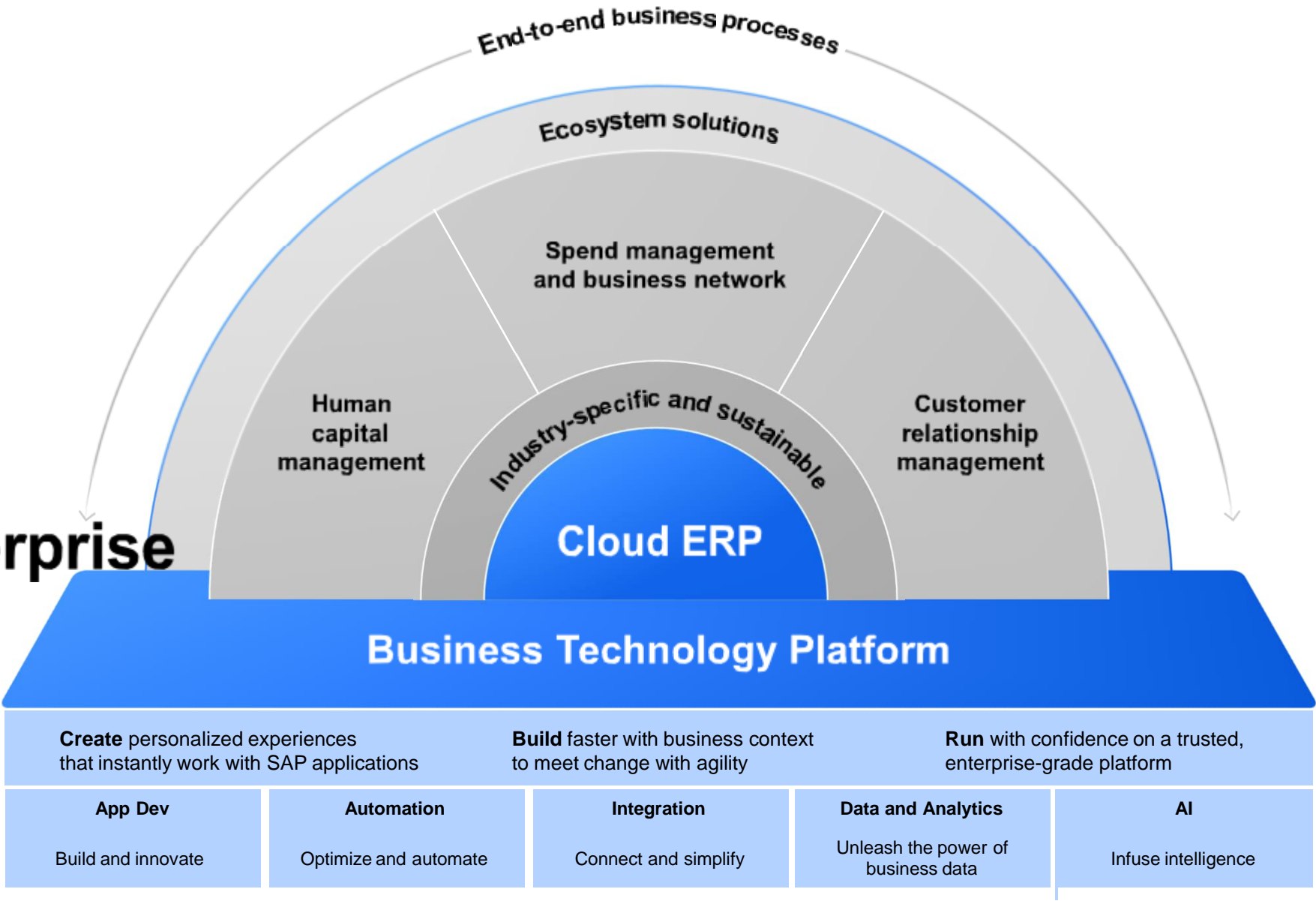


*100% Remote Delivery Available

SAP MaxAttention Innovation Workshop

SAP Strategy

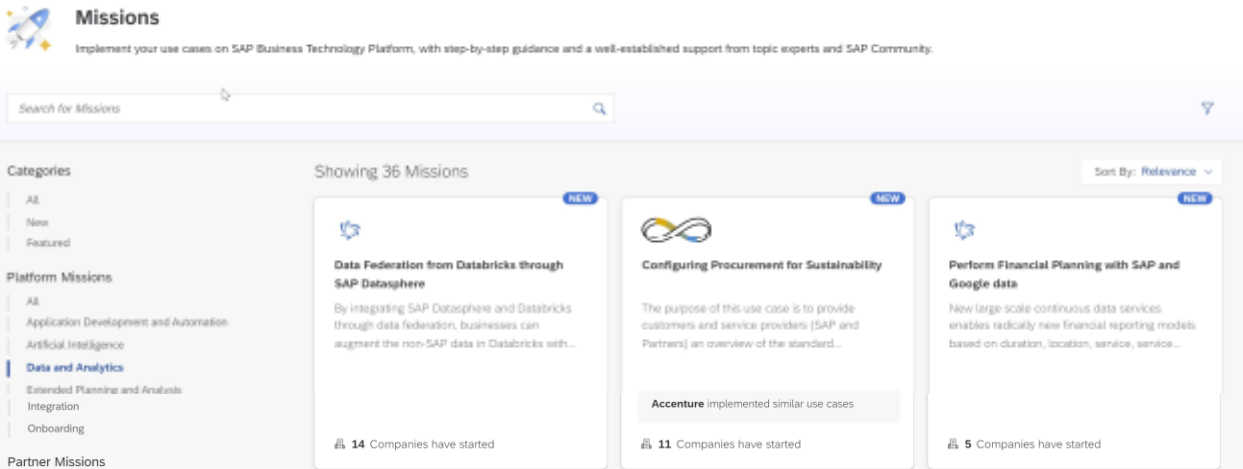
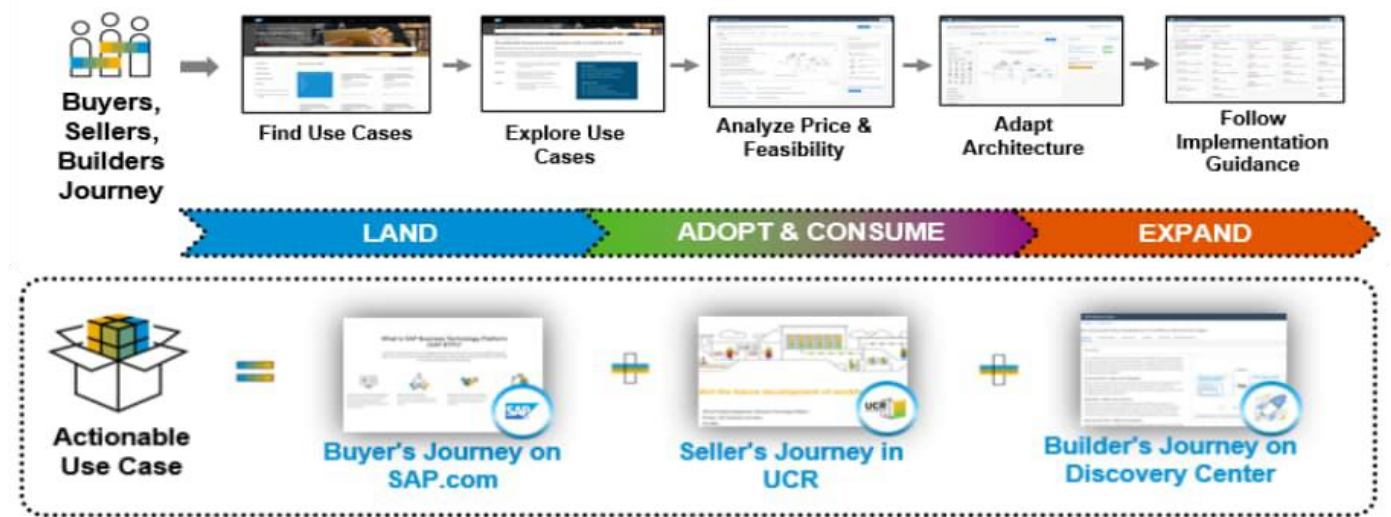
SAP BTP is the foundation of the Intelligent Sustainable Enterprise



Accelerate BTP Adoption with Actionable Use Cases

An **easy-to-consume package** to explore and implement repeatable use cases on top of the SAP Business Technology Platform in the area of **Data & analytics** with the goal to accelerate the value generation out of your data assets.

There are **36 missions** in the area of **data and analytics** already published of which 3 BTP Use Cases published from CoE NA



CoE NA published discovery missions

- [Use Case 1](#) - Visualize employee sentiments leveraging real-time analytics
- [Use Case 2](#) - Visualize Truck Routes & Hazards Using Geo Spatial Processing
- [Use Case 3](#) - Access, Share and Monetize Data with SAP Datasphere

<https://discovery-center.cloud.sap/missions/>

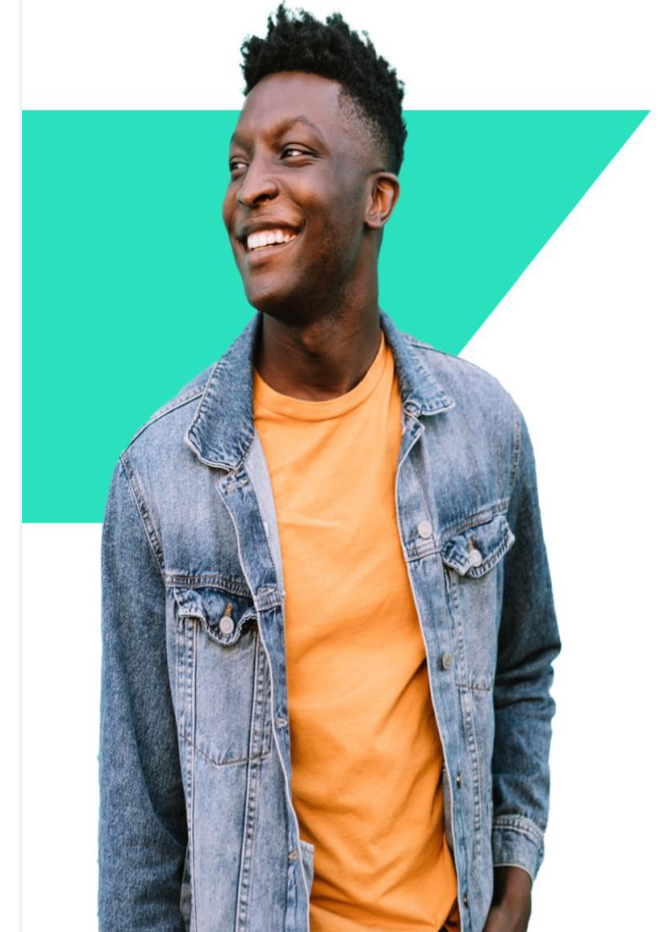


SAP® MaxAttention™ Innovation Workshop

SAP Business Technology Platform – Unleash the Power of Business Data

Agenda, Tuesday, November 21, 2023

4:30 a.m. CET 9:00 a.m. IST 11:30 a.m. SGT	0:15	Welcome & Introduction – Unleash the Power of Business Data Venkateswara Rao Chava, Head of Premium Hub Centre of Expertise India, Customer Success, SAP
4:45 a.m. CET 9:15 a.m. IST 11:45 a.m. SGT	0:45	Business Data Fabric – Unleash the Power of Business Data <ul style="list-style-type: none">- SAP Data and Analytics Portfolio Strategy- Business Data Fabric with SAP Datasphere- SAP Datasphere Open Data Partners Arvind Doomra , Harshal Mohnot – CoE Data Management and Analytics, Customer Success, SAP
05:30 a.m. CET 10:00 a.m. IST 12:30 p.m. SGT	0:45	Unified Data and Analytics Foundation for Self service visualization and modelling (Demo) <ul style="list-style-type: none">- SAP Datasphere- SAP Analytics Cloud Shubham Kamra, Gautam Mohan – CoE Data Management and Analytics, Customer Success, SAP
06:15 a.m. CET 10:45 a.m. IST 01:15 p.m. SGT	0:15	Break
6:30 a.m. CET 11:00 a.m. IST 1:30 p.m. SGT	0:45	Data Consumption Beyond Data Analytics Asit Ramteke , Ravi Kirana Palla – CoE Data Management and Analytics, Customer Success, SAP
7:15 a.m. CET 11:45 a.m. IST 2:15 p.m. SGT	00:45	Transition to SAP Datasphere and SAP MaxAttention services <ul style="list-style-type: none">- Learn how Existing On-premise BW Customers can Transition to SAP Datasphere- Understand the PE Portfolio that can help Customers to Transition into SAP BTP for Data and Analytics Manojguptha Ponnuru, Rahul Tayal - CoE Data Management and Analytics, Customer Success, SAP
8:00 a.m. CET 12:30 p.m. IST 3:00 p.m. SGT	0:15	Q&A and Closing Remarks Satyajit Arlikar, Premium Hub Centre of Expertise India, Customer Success, SAP
8:15 a.m. CET 12:45 p.m. IST 3:15 p.m. SGT		End of Workshop





Business Data Fabric - Unleash the power of business data

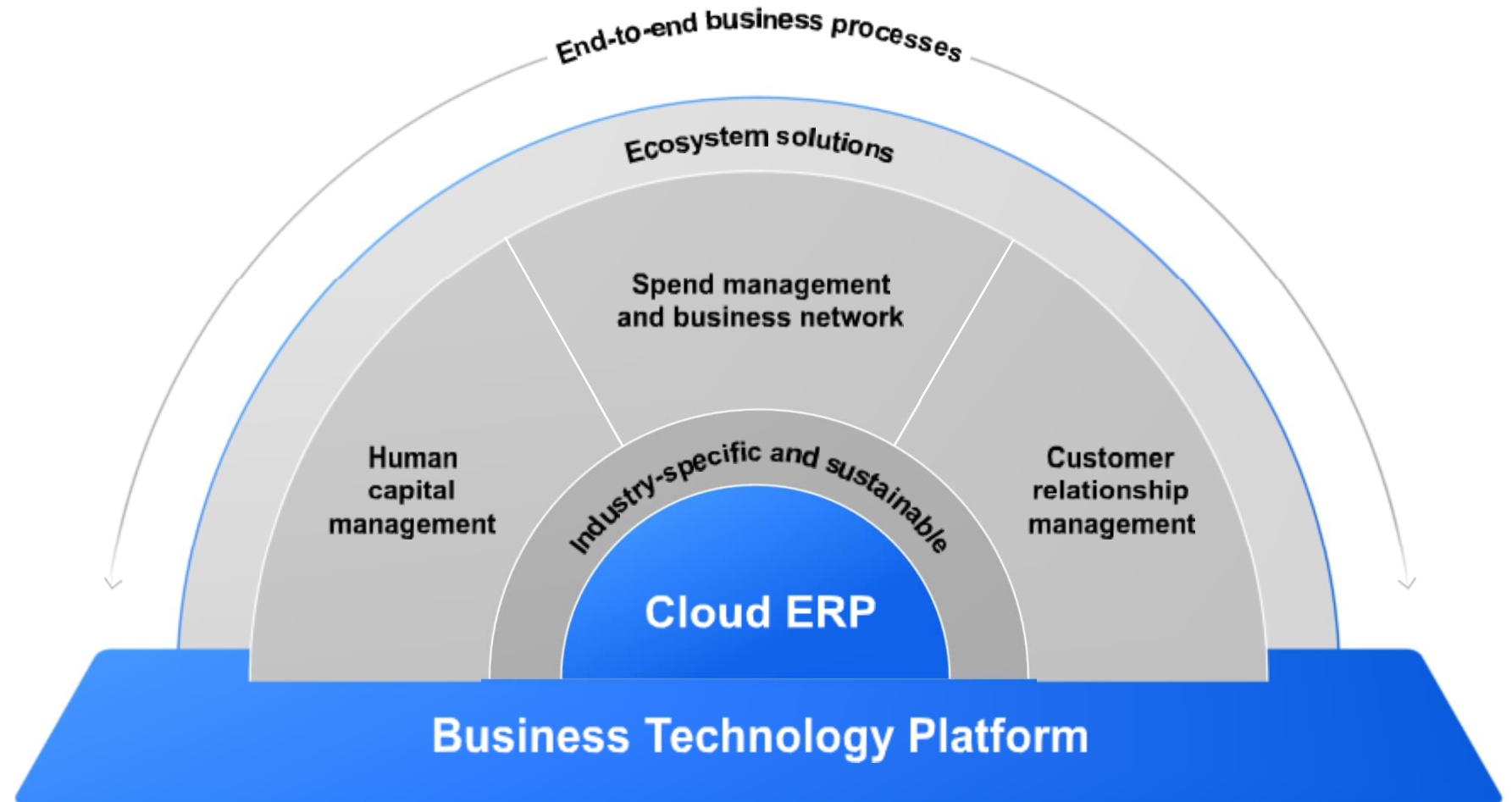
Harshal Mohnot, SAP
Nov 21st 2023

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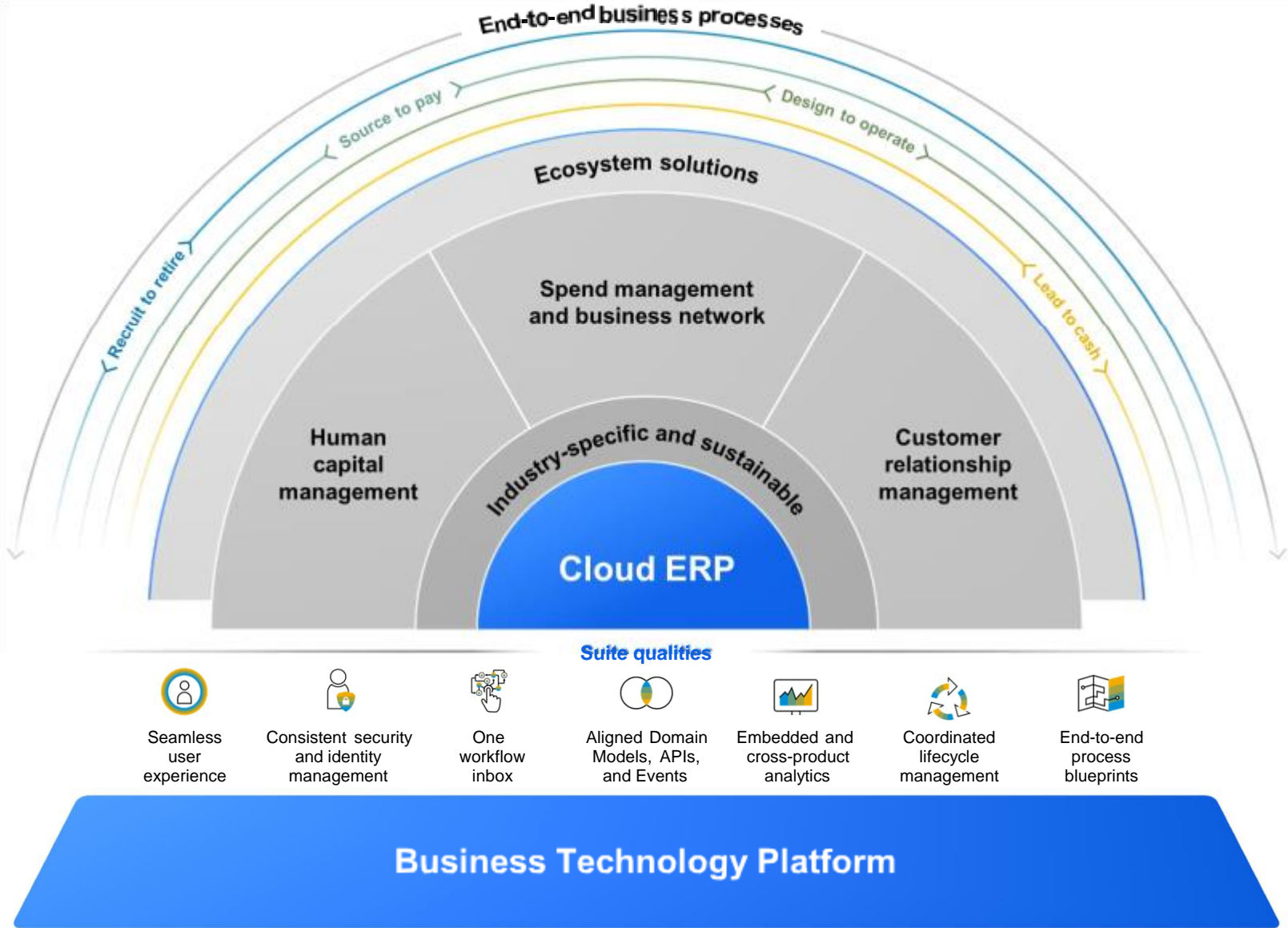
Agenda

- SAP Data and Analytics Portfolio Strategy
- Business Data Fabric with SAP Datasphere
- SAP Datasphere Open Data Partners

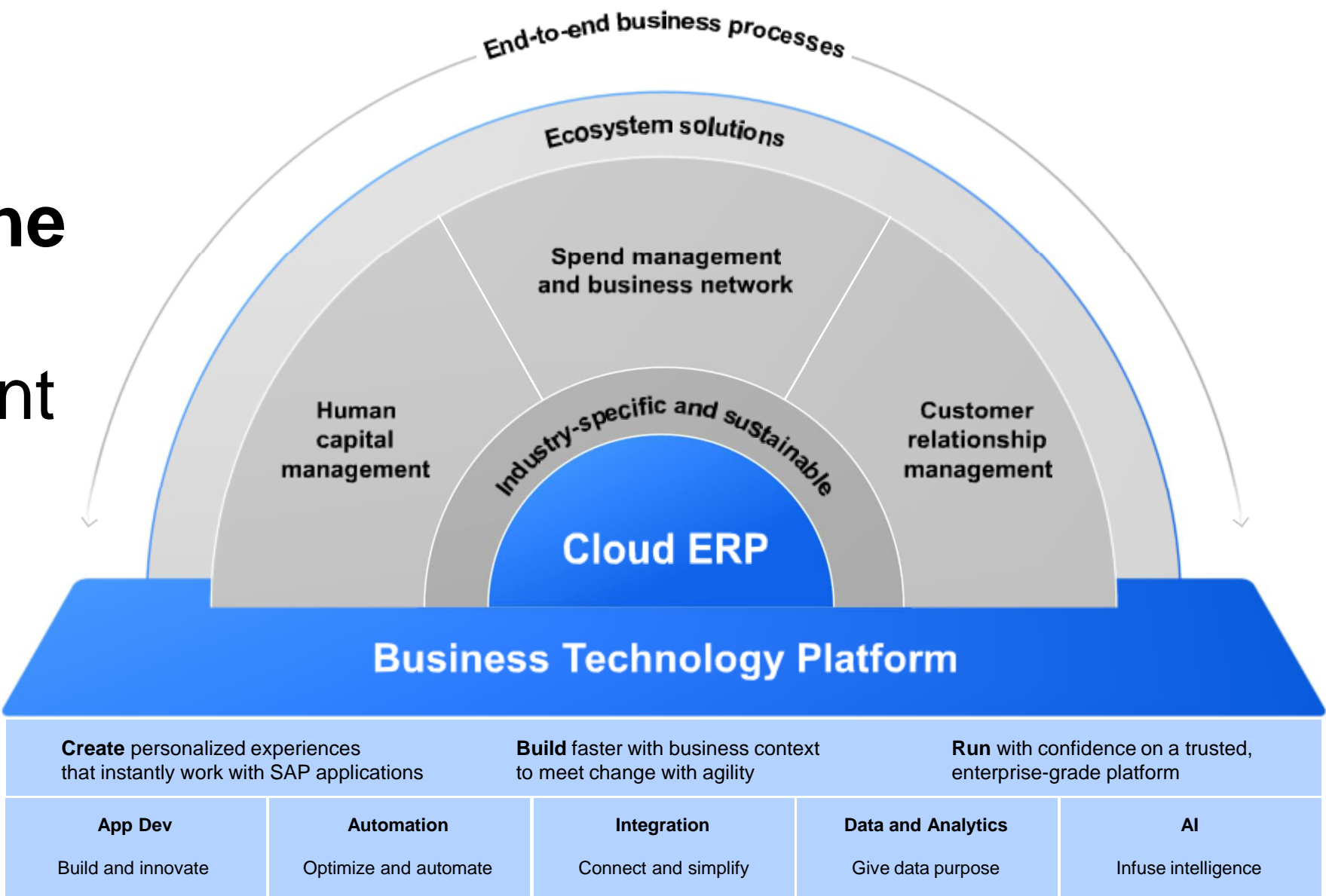
Enable every
enterprise
to become an
**intelligent,
sustainable
enterprise**



Intelligent enterprises are integrated enterprises



SAP BTP is the foundation of the Intelligent Sustainable Enterprise



Data and Analytics

Give Data Purpose

Connect data across multi-cloud and on-premise repositories in real time while **preserving business context and semantics**

Leverage **pre-built content packages with unified SAP data models**, transformations, calculations and analyses for a variety of industry- and line of business specific use cases

Align strategic, financial, and operational planning with collaborative tools for budgeting, forecasting, and analysis to drive better business results



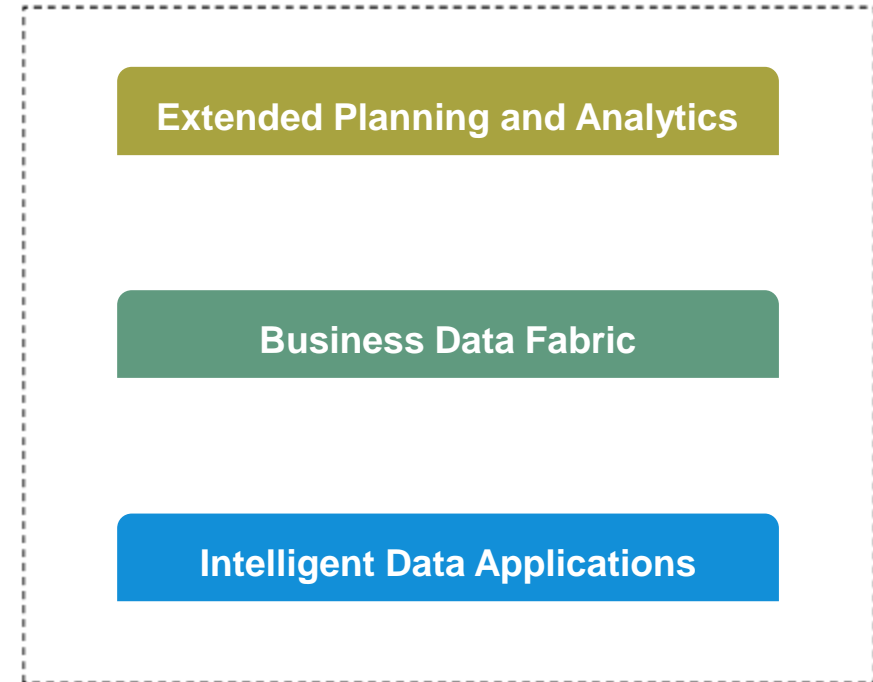
The Approach and Focus

Integrated portfolio

An integrated Data & Analytics cloud offering that is THE platform for all authoritative data as an integral part of the BTP

New ecosystem approach

Complement SAP's unified portfolio to strengthen our offering and help us to expand in adjacent areas



Powered by HANA Cloud

Data needs context for authoritative decision-making

Innovation has happened in silos

Data, especially metadata, has been
removed from its context

There's been a fundamental error—focusing
solely on technology rather than the data

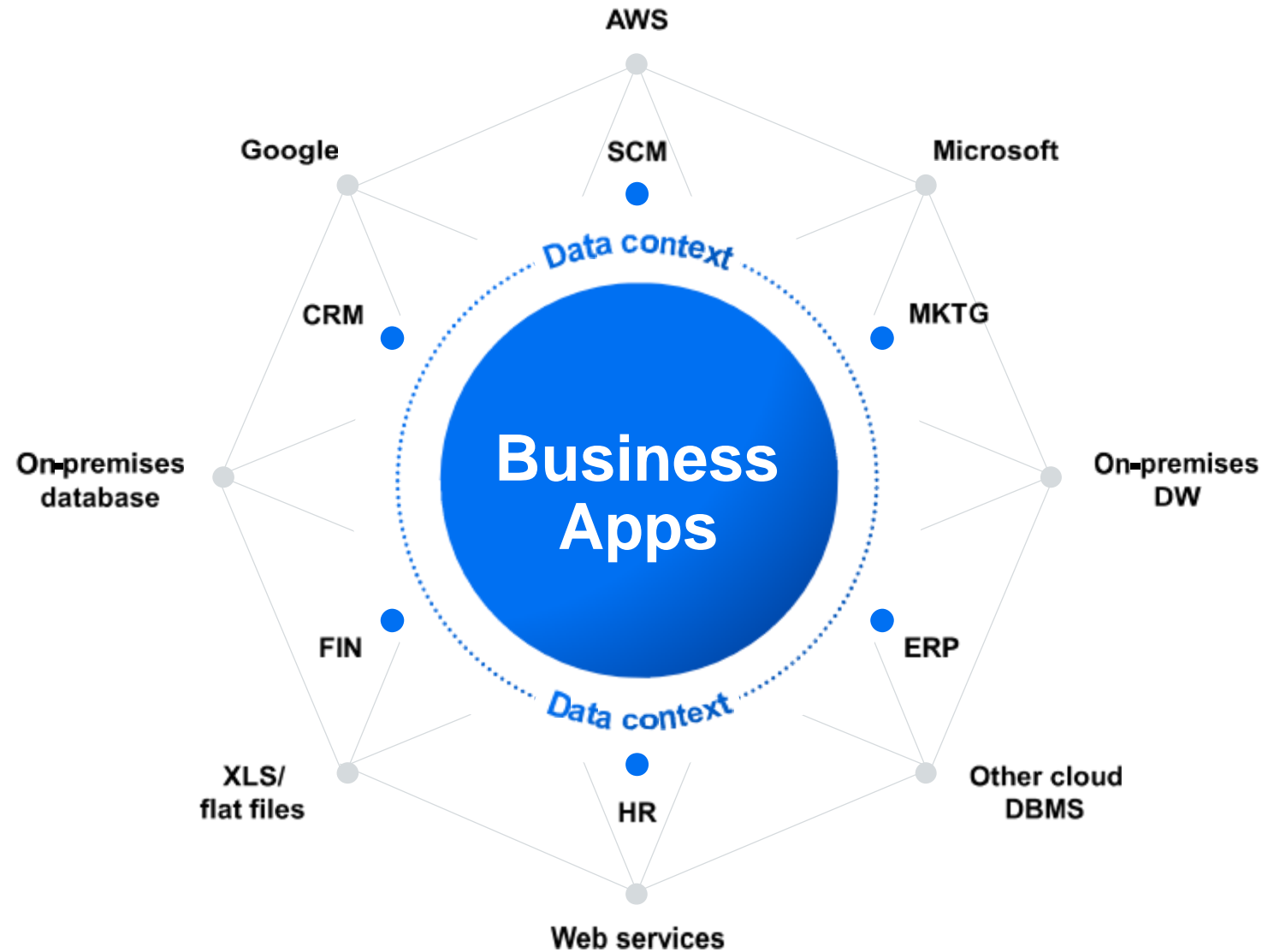


(Multi-) cloud brings new opportunities and challenges

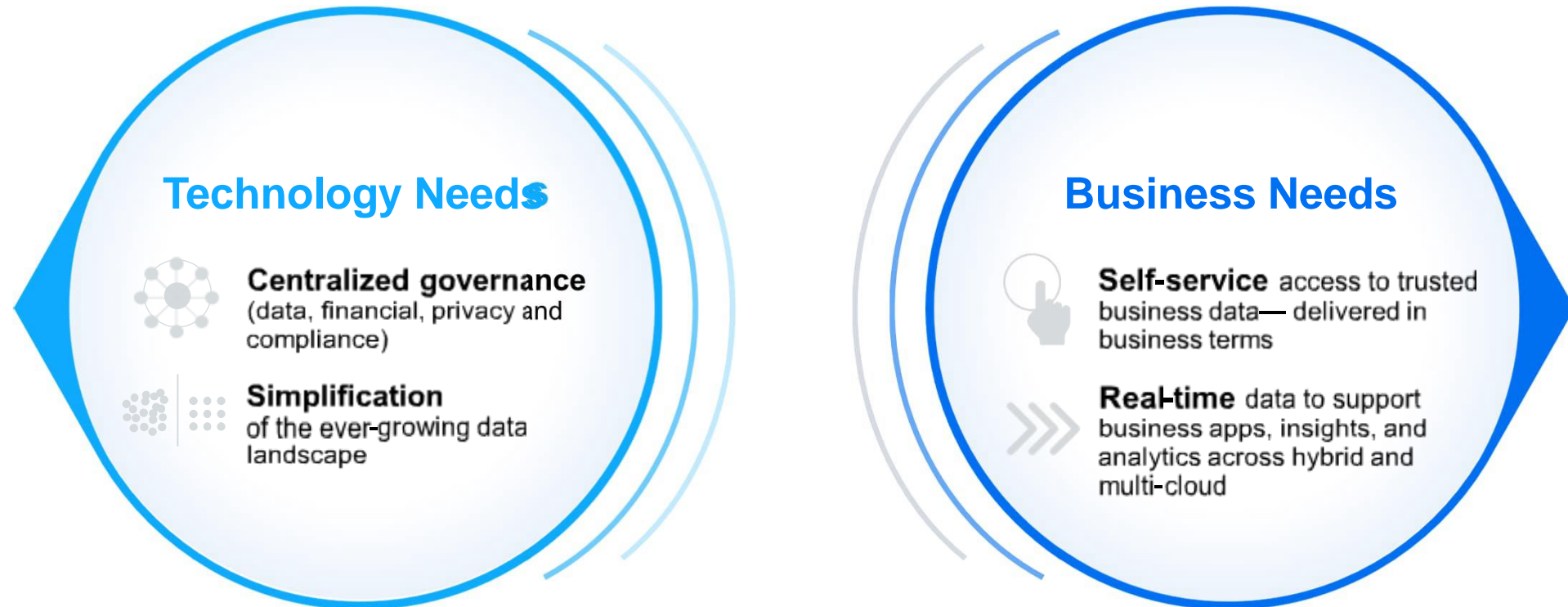
New data sets spawn new projects

On-premises sources remain

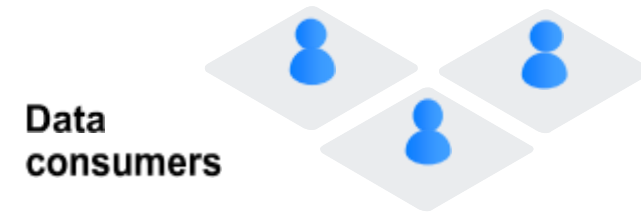
Complexity has increased, shifting governance and integration work back to customers



Universal Yet Opposing Data Needs for Business and Technology Stakeholders



A business data fabric radically simplifies your data landscape



Data consumers

Data access

Data discovery

Orchestration

Processing and persistency

Data ingestion

Governance | Data Quality | Privacy | Security

Data sources



SAP Datasphere is the foundation for a business data fabric architecture

Data consumers

Planning and analytics

Intelligent data apps

Data science

**SAP Datasphere
running SAP BTP**

Security

Access control

Availability



Self-service data access | Virtual data products

Data discovery | Business content, data marketplace, recommendations

Orchestration | Data transformation and data ops

Processing and persistency | Warehousing, business semantics (analytic/relational models), knowledge graph

Data governance | Metadata management, catalog, lineage, privacy, quality

Data ingestion | Data replication, data federation, real-time, application integration

SAP and non-SAP data

Applications

On-premises
Data Warehouses

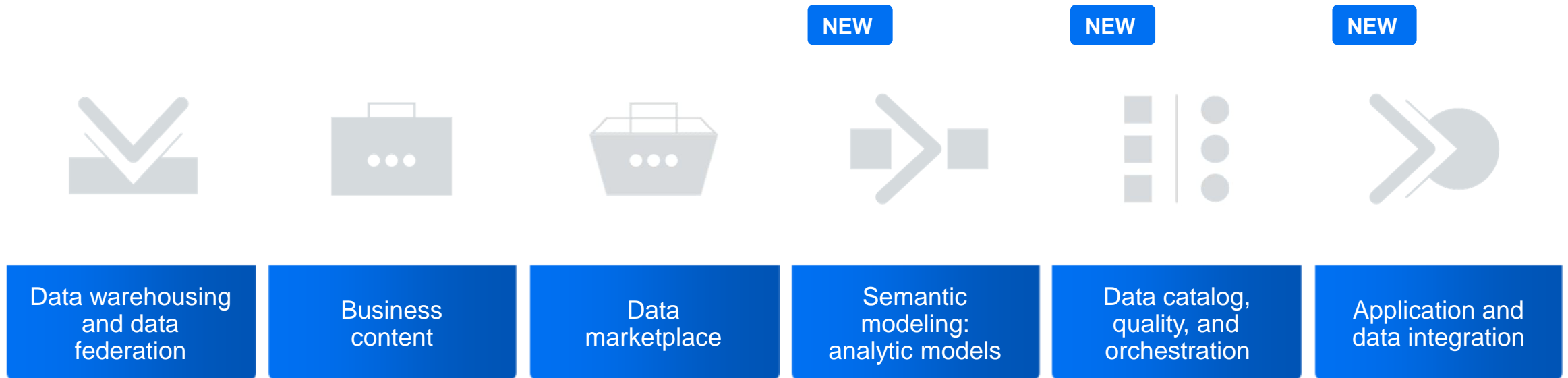
Cloud Data Warehouses
and Lakehouses

Relational
Databases

Unstructured/
Semi-structured Data

Evolving SAP Data Warehouse Cloud towards a business data fabric

Key features of SAP Datasphere



Together with our open data partners

Data consumers

Planning and analytics

Intelligent data apps

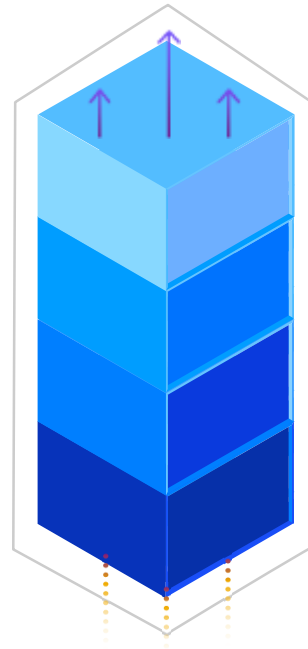
Data science

**SAP Datasphere
running SAP BTP**

Security

Access control

Availability



 Collibra

 CONFLUENT

DataRobot

 databricks

 Google Cloud

SAP and non-SAP data

Applications

On-premises
Data Warehouses

Cloud Data Warehouses
and Lakehouses

Relational
Databases

Unstructured/
Semi-structured Data

Why a business data fabric

Self-service access to trusted data breeds agility and accelerated, accurate decisions

Comprehensive data governance assures every stakeholder that private data stays private

Real-time data, infused throughout your data architecture helps business users, partners, and employees make in-the-moment improvements

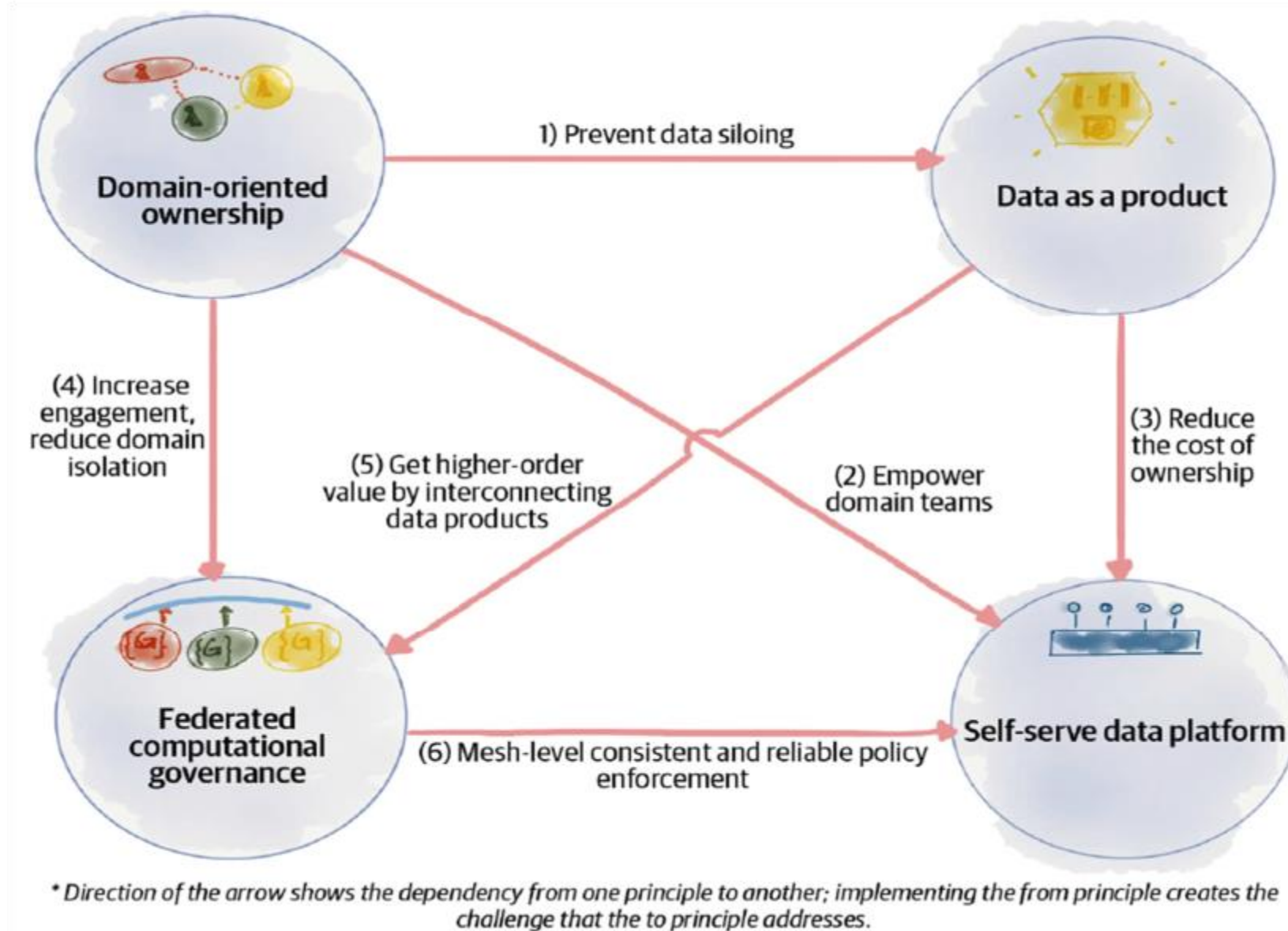
A **simplified data landscape** reduces costs and technical debt while maximizing current investments

Data Mesh – just another buzzword?



Data Consumption Beyond Analytics – Data Products

Principles of Data Mesh – Dependencies



Supporting Data-Driven Decision-Making with SAP Data and Analytics Solutions



Before: Challenges and Opportunities

- Multiple, disparate data silos and a reliance on numerous third-party analytic visualization tools
- Data duplication and different database versions across different departments
- Complex data management and analytics infrastructure that was costly to maintain and difficult to safeguard from security risks
- Requirement to reduce IT time spent on reporting by providing business users with self-service modeling tools

Why SAP and Appexus Technologies Inc.

- Unified data and analytics foundation based on SAP Business Technology Platform (SAP BTP)
- SAP Datasphere to consolidate and model data from both SAP and third-party sources
- Rich visualization functionality and self-service reporting tools provided by the SAP Analytics Cloud
- Project planning guidance and implementation support from SAP partner Appexus Technologies Inc.

After: Value-Driven Results

- Trusted view of the truth, streamlining reporting processes and increasing employee confidence in the data
- Intuitive self-service tools, providing business users with fast access to detailed analytics reports
- Less time spent by IT generating reports, freeing up time for higher-value tasks
- Simpler, cloud-based data and analytics infrastructure that is straightforward to keep updated while [meeting](#) data governance requirements

“The business data fabric architecture enables us to bring SAP and non-SAP data together in the seamless and self-service way we’ve been envisioning. **SAP Datasphere provided us with a solution to build a harmonized layer across SAP and non-SAP, cloud, or on-premise data sources**, making the best use of our existing investments in SAP, Microsoft Azure, Salesforce, and Oracle.”

David Johnston, CIO, Messer Americas

One

Trusted foundation for enterprise-wide information

100%

Of data modeling tasks achievable using self-service tools

Featured Partner



Messer Americas
Bridgewater, New Jersey
www.messeramericas.com

Industry
Oil, gas, and energy

Products and Services
Industrial gases

Employees
5,000

Revenue
US\$3.8 billion

Featured Solutions
SAP BTP, SAP Datasphere, and SAP Analytics Cloud



Thank You

Harshal Mohnot

Business Processes Senior Consultant, Customer Success, SAP
SAP Premium Hub CoE India



Any Questions?



A Unified Data and Analytics Foundation for Self-Service Visualization and Modelling

Gowtham Mohan & Shubham Kamra, SAP
November 21, 2023

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Agenda

SAP Datasphere

- Architecture and Capabilities
- Self-Service Data modelling Process - Analytic Model

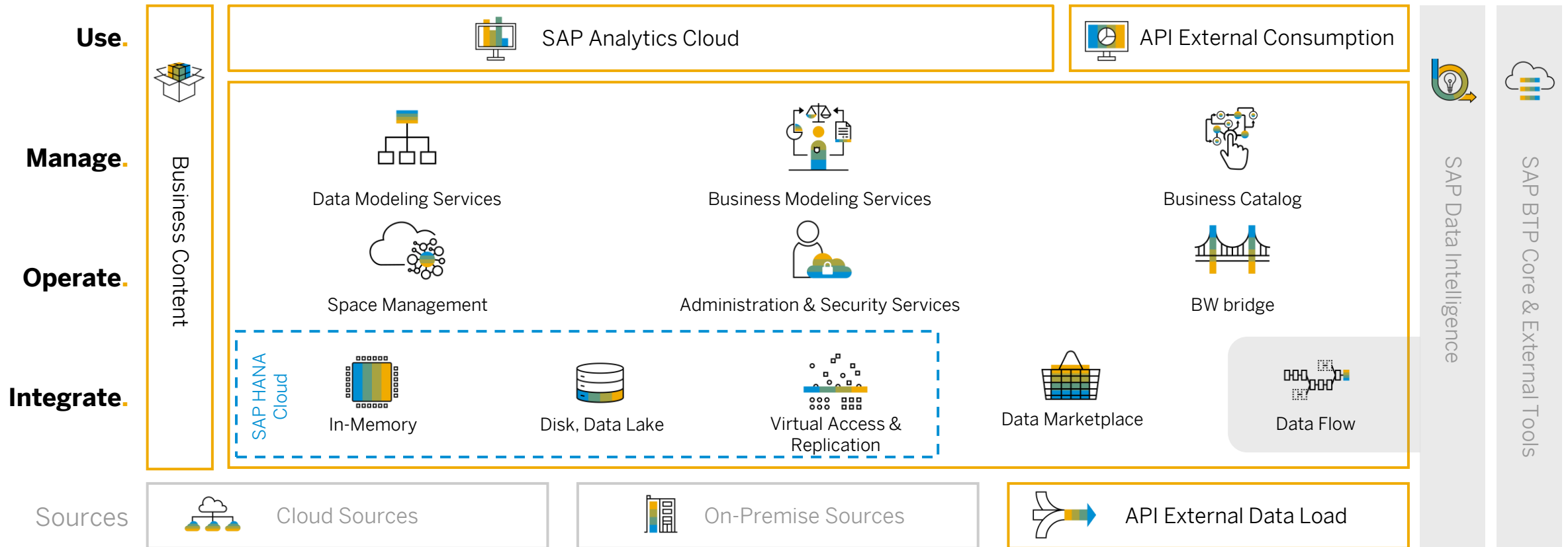
SAP Analytics Cloud

- Product Overview
- Benefits & Integration Opportunities for Datasphere
- SAP Datasphere and SAC Roadmap
- Demonstration (Datasphere and SAC)

SAP Datasphere



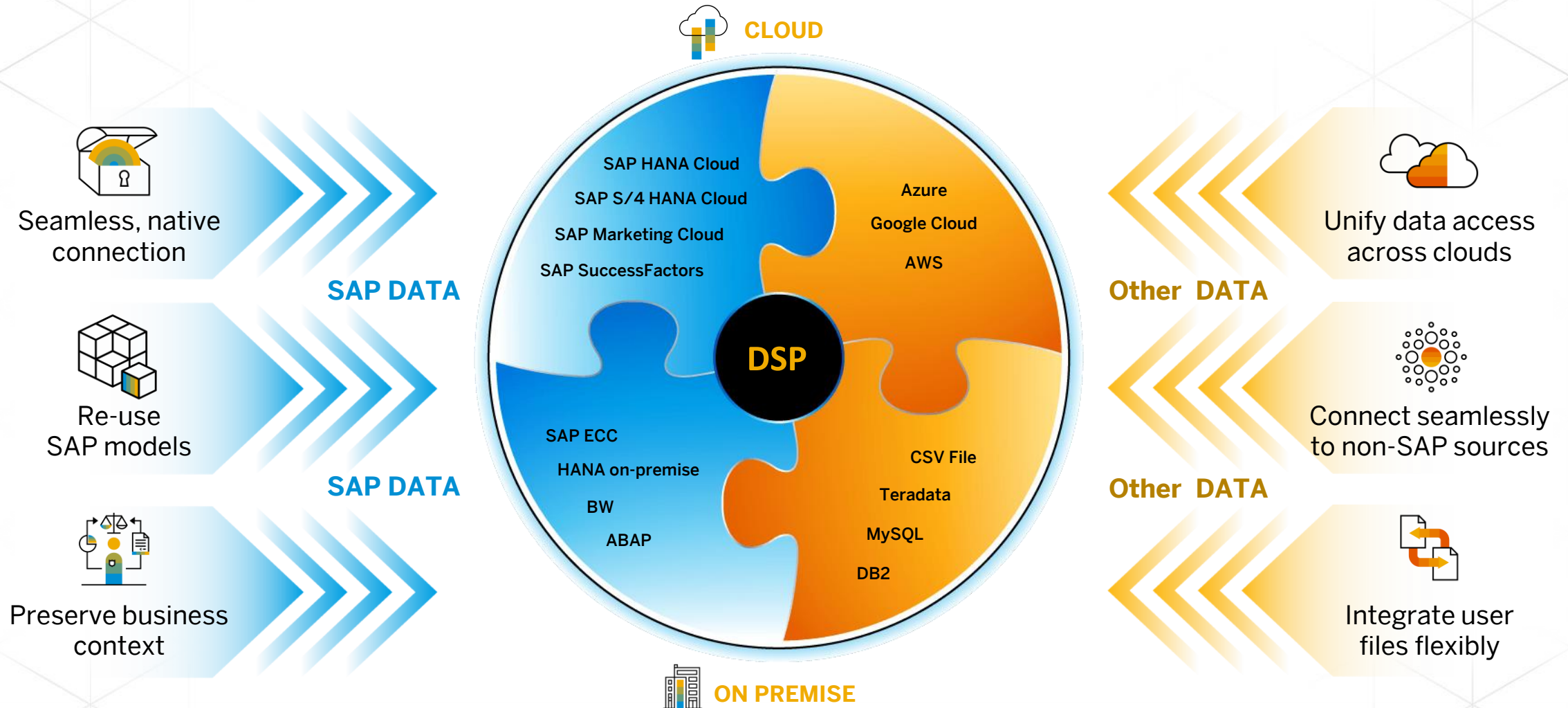
SAP Datasphere. Architecture



Provide your users an end-to-end view of their data landscape that is trusted, secure, and actionable

SAP Datasphere

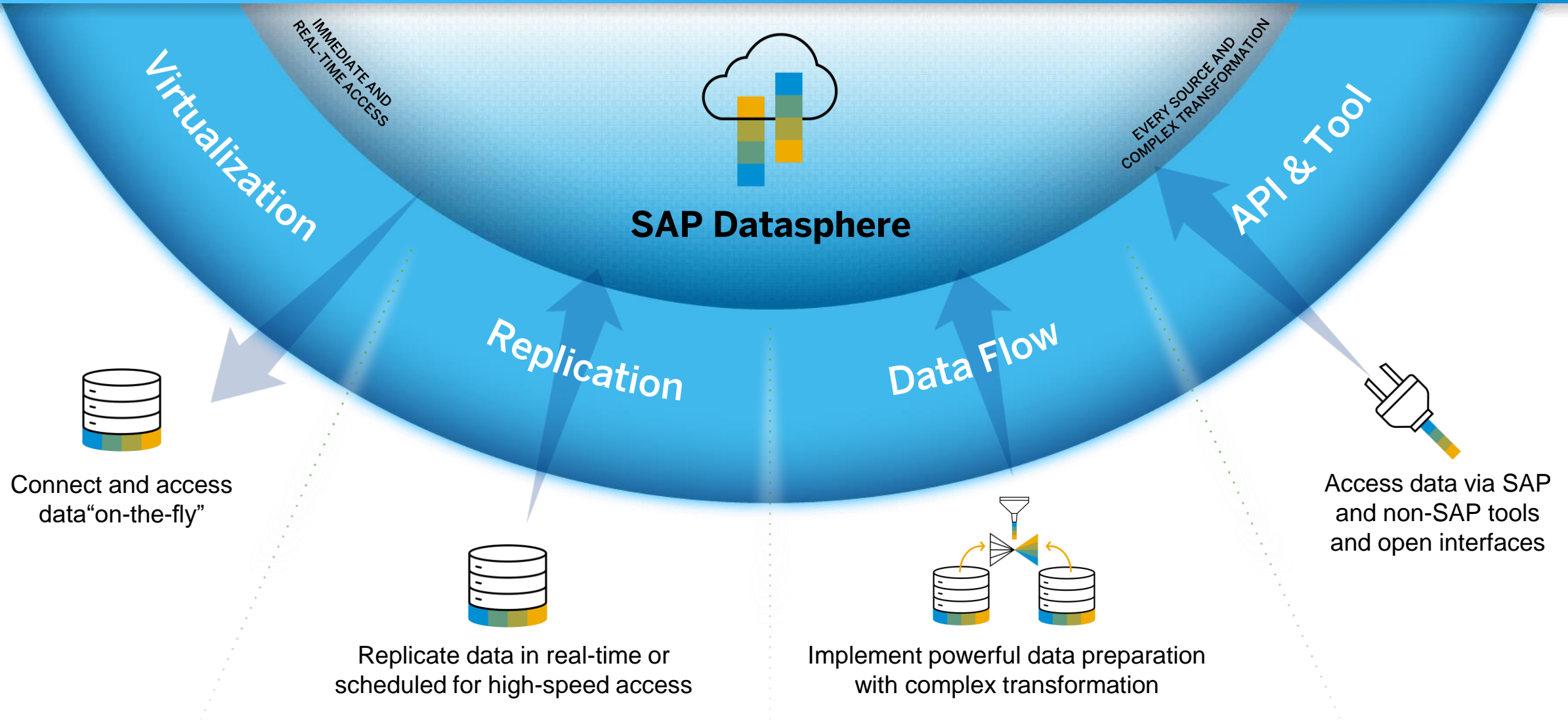
Unify data silos to understand your business



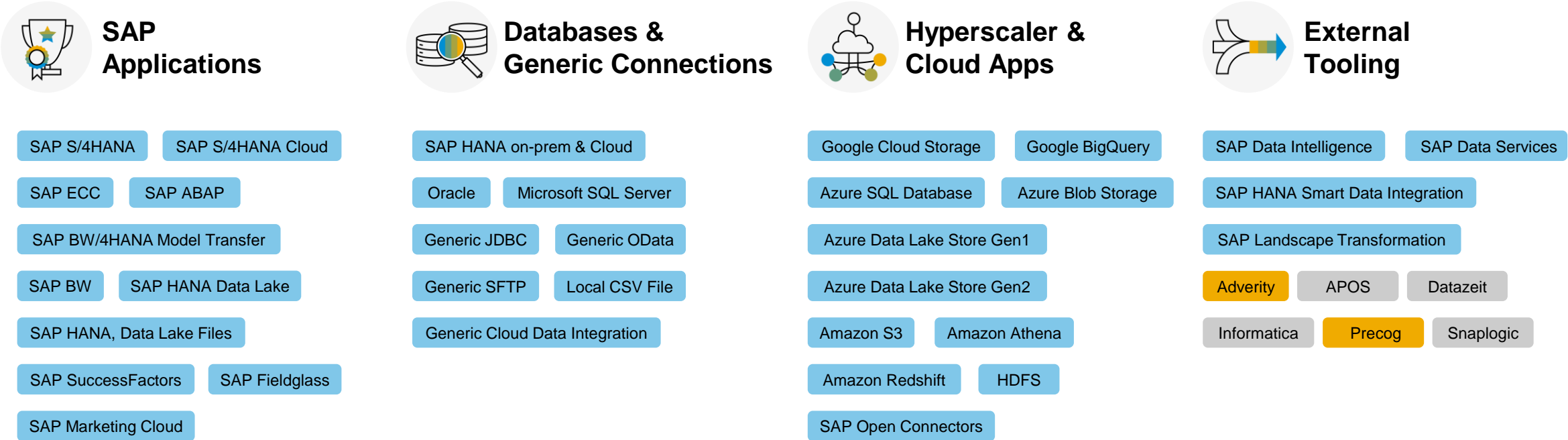
A central access layer to all your information across sources

SAP Datasphere

Connect and collect data flexibly – catering to all styles of data integration



Data Sources Overview

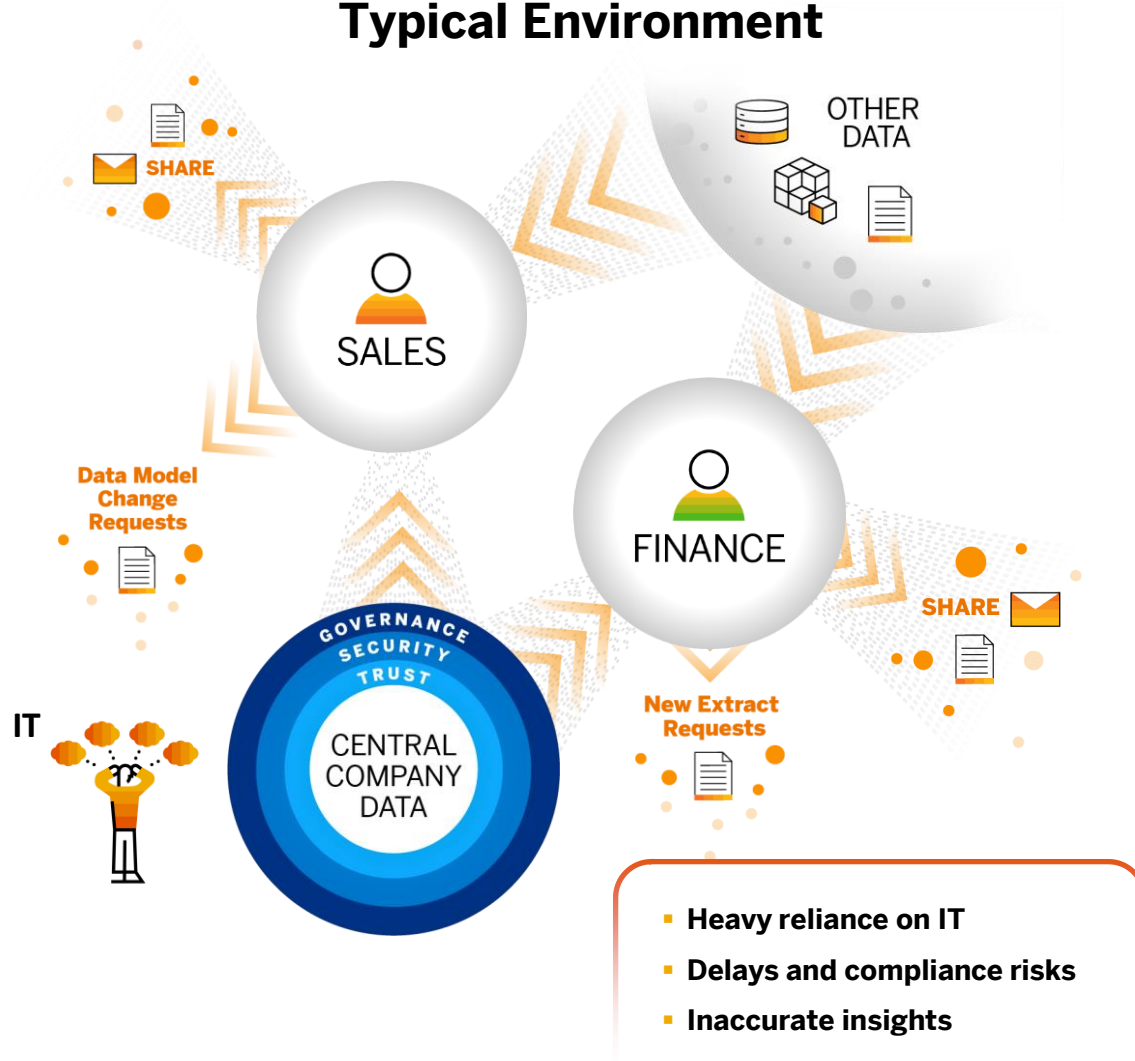


SAP Help: [Connection Overview](#)

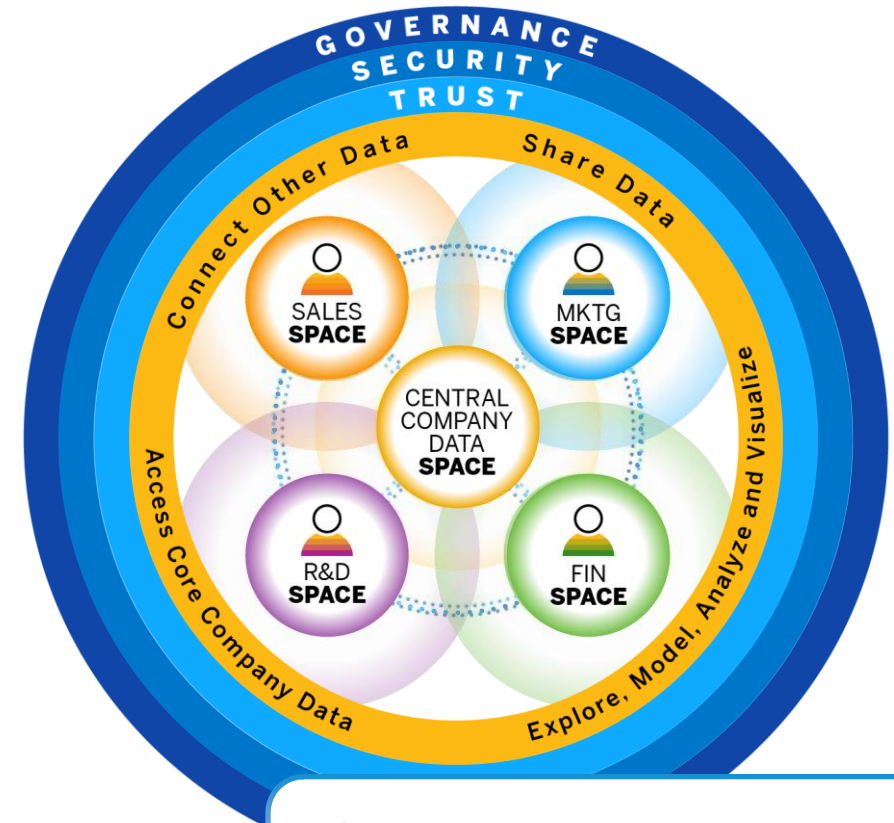
SAP Datasphere

Unlock data insights with integrity

Typical Environment



SAP Datasphere

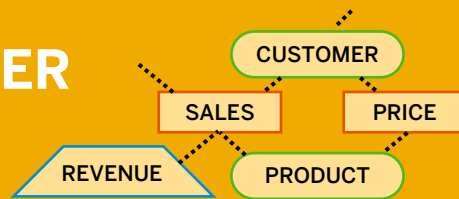


SAP Datasphere

Collaborate in business terms

BUSINESS LAYER

Users work in business terms



“What were the key margin drivers for my product? What if I reduce the price by 10%?”

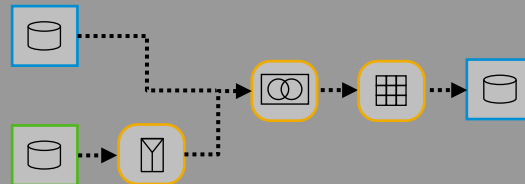
BUSINESS CATALOG



Users discover available assets & work on common KPIs

DATA LAYER

IT models underlying relationships



“How can I assure queries will perform with data coming from heterogenous systems?”

*“How is the margin of the product calculated?
Where do I find it?”*

- Business entities and relationships with business language
- Model standardization and reuse for efficiency
- Independence for business users from IT

Modeling for Everybody

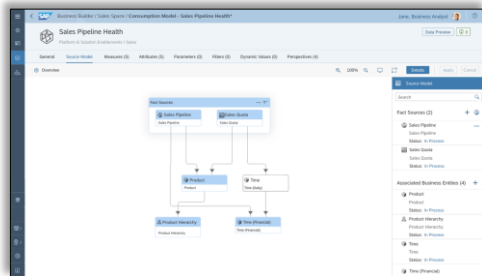
Business Analyst
(no-code/low-code)



Developer
Power User

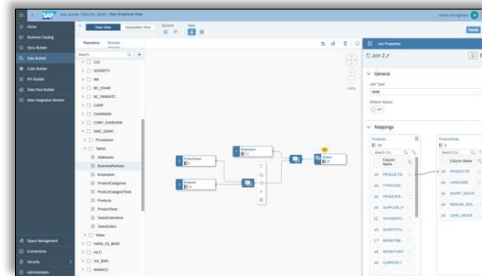
BUILT-IN EDITORS modeling for all users

Business Modeling



- Allow for a greater degree of self-service
- Non-disruptive environment for business scenarios – independent from the data integration layer

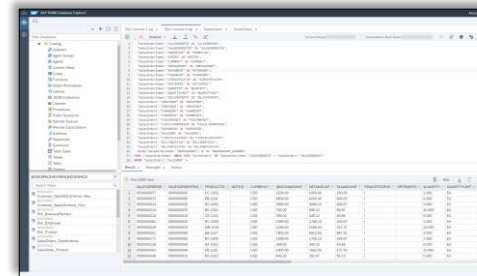
Graphical & Scripted



- Collection of no-code/low-code editors to support Graphical Modeling
- Model E/R-models, Tables, Views, SQL & SQL-Script Views
- Focuses on most commonly used modeling operators

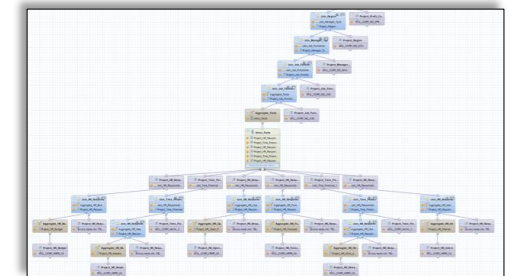
EXTERNAL EDITORS integrated SQL Data Warehousing

Open SQL Schema



- Option to use SQL DDL & DML leveraging e.g. SQL Views, Tables, Procedures, etc.
- Leveraging existing SQL-tooling & skillset
- SAP Database Explorer

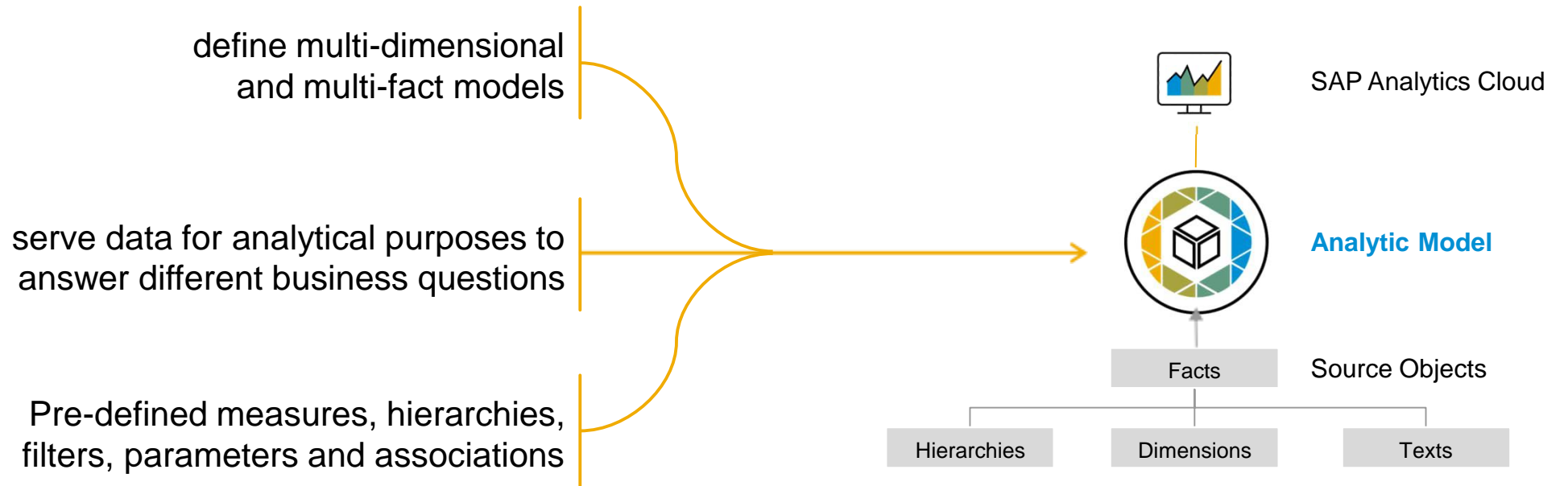
SAP HANA Deployment Infrastructure



- SAP HANA Cloud Modeling capabilities leveraging Calculation View, Flowgraph, Synonym, etc.
- Simply re-use HANA based Modeling within SAP Data Warehouse Cloud

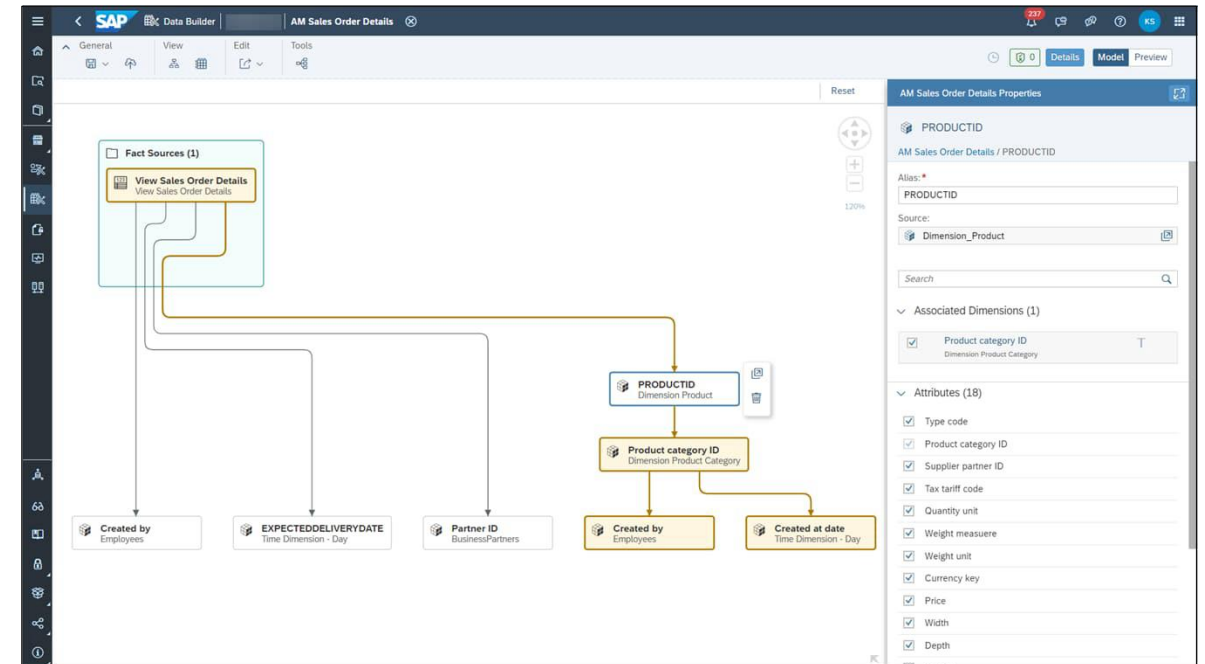
Analytic Model Overview

Analytic Models are the analytical foundation to make data ready for consumption in SAP Analytics Cloud.



Analytic Model Features

- The Analytic Model allows multi-dimensional and rich analytical modelling with less effort to answer business questions easier, faster and more efficiently
- It offers many features like
 - Calculated & restricted measures
 - Exception aggregation
 - Pruning of attributes and measures
 - Nested dimensions & variable support
 - Compound keys
 - Time-dependency for dimensions & texts
 - Currency conversion after aggregation
 - Multi-dimensional analytical preview incl. filtering, pivoting, hierarchies, etc.
 - Repository integration for impact & lineage analysis, model export/import, change management and transports
 - Migration support from Analytical Data Set



Analytic Model Preview

- The Analytic Model data can be previewed in detail without the need to create a separate story
- Preview has rich functions
 - Flexibly choose relevant attributes & measures to place them in columns or rows; drag & drop to re-arrange
 - Set flexible filters on any attribute or measure incl. value help
 - Display of hierarchies or flat presentation
 - Change sorting, filtering, totals, unbooked values & display behavior (e.g. ID and/or description, number formatting, etc.)
 - Preview without need to deploy first
- Preview reuses the same standard control for multi-dimensional analysis as the SAP Analytics Cloud Data Analyzer and SAP S/4HANA Finance Review Booklets, thus ensuring consistent UX and constant evolution of features

The screenshot displays the SAP Analytics Cloud Data Builder interface. The main area shows a table preview of sales order details. The table has columns for Product category ID, Sales Organization, Net amount, and Quantity. The data is organized into rows, with some rows grouped by Product category ID. The right sidebar shows the 'Available Objects' panel, which lists various attributes and measures that can be added to the table. The 'Columns' section is currently empty, and the 'Measures' section contains 'Net amount' and 'Quantity'.

Product category ID	Sales Organization	Net amount	Quantity
01	AMSD	4,010,816.00	491
	AFI	6,341,540.00	551
	EMEA	10,488,270.00	1,297
02	AMSD	3,488,746.00	299
	AFI	6,793,262.00	428
	EMEA	9,020,563.00	679
03	AMSD	3,596,707.00	297
	AFI	3,851,348.00	287
	EMEA	9,614,820.00	639
04	AMSD	3,686,188.00	325
	AFI	3,686,188.00	343
	EMEA	7,186,818.00	647
05	AMSD	8,796,399.00	637
	AFI	11,146,800.00	776
	EMEA	24,470,779.00	3,812
06	AMSD	5,893,175.00	566
	AFI	7,861,261.00	630
	EMEA	25,222,519.00	1,239
07	AMSD	3,986,832.00	352
	AFI	5,432,315.00	486
	EMEA	12,786,516.00	766
08	AMSD	10,944,183.00	766
	AFI	10,902,761.00	736
	EMEA	21,621,434.00	1,408
09	AMSD	3,134,567.00	213

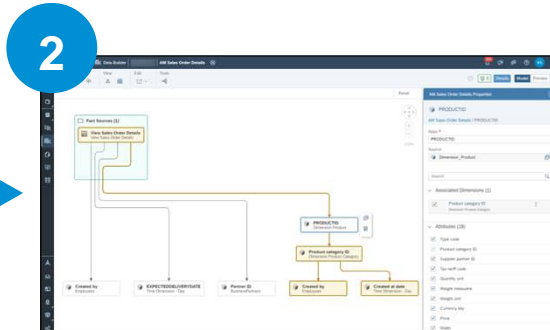
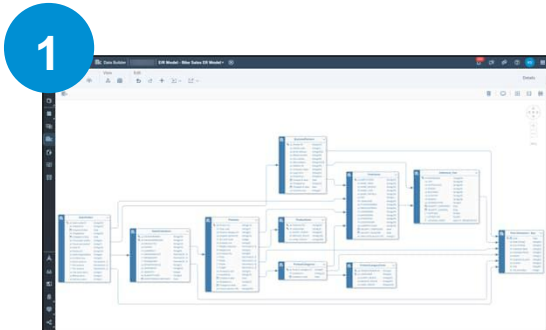
Create Analytic Models

Prepare Dimensions & Facts

Build Your Analytic Model

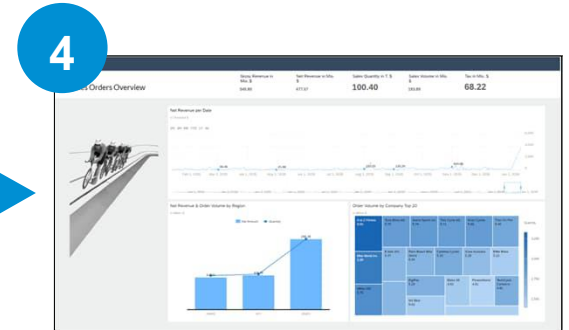
Preview the Data

Create your Story



3

Product Category	Sales Quantity	Sales Amount
Electronics	100	10000
Electronics	200	20000
Electronics	300	30000
Electronics	400	40000
Electronics	500	50000
Electronics	600	60000
Electronics	700	70000
Electronics	800	80000
Electronics	900	90000
Electronics	1000	100000



- Create and define your dimension and fact tables or views
- Associate them with other dimensions, text and/or hierarchy models (nested dimensions are supported)
- Enrich semantic type information
- Expose them for consumption

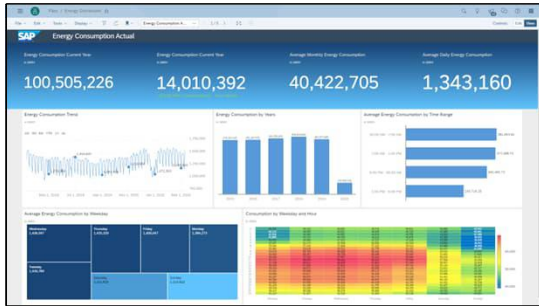
- Select your fact model including relevant attributes, measures and associated dimensions
- Define further drill down paths using nested dimensions
- Add calculated, restricted, count distinct and currency conversion measures
- Use exception aggregations, variables, time-dependency and hierarchies where needed

- Use preview to confirm correctness of the analytic model
- Apply filters, sorting, hierarchies, totals display and other features

- Create a story in SAP Analytics Cloud based on the analytic model

Choice and openness with pre-built business content

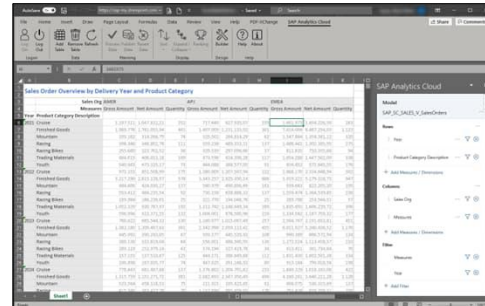
SAP Analytics Cloud



One seamless user experience

- Direct consumption of models in SAP Analytics Cloud (live connection)
- Any number of SAP Datasphere systems can be connected to any number of SAP Analytics Cloud systems

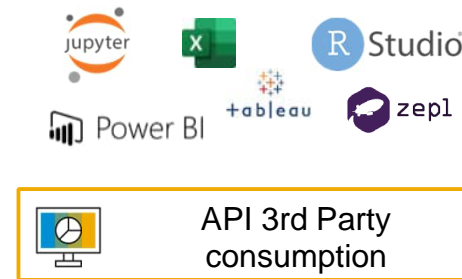
MS Office Integration



Live Connection to MS Excel

- SAP Analytics Cloud, add-in for Microsoft Office 365 (live connection) online or desktop version
- SAP Datasphere with SAP Analysis for Microsoft Office 2.8 SP14+

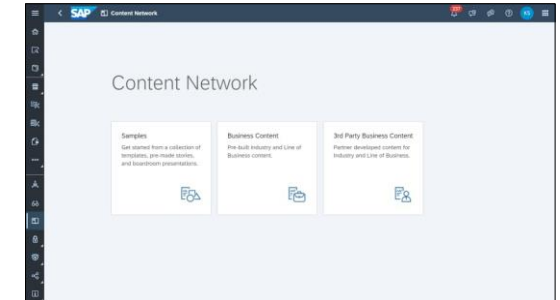
External API



External API for consumption

- Freedom of choice
- Use consumption interface to connect any 3rd party front end tool to your exposed views
- Make your data models accessible for consumption tools & applications

Business Content



Business accelerators

- Content packages ready to use and accelerate your project
- Packages SAP and partners for various LOB and industry scenarios
- Separate packages for data models and visualizations

Thank you.

Contact information:

Gowtham Mohan
CoE SAP India,
gowtham.mohan01@sap.com



A Unified Data and Analytics Foundation for Self-Service Visualization and Modelling

Gowtham Mohan & Shubham Kamra, SAP
November 21, 2023

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- Use Cases
- Architecture and Capabilities
- Self-Service Data modelling Process - Analytic Model

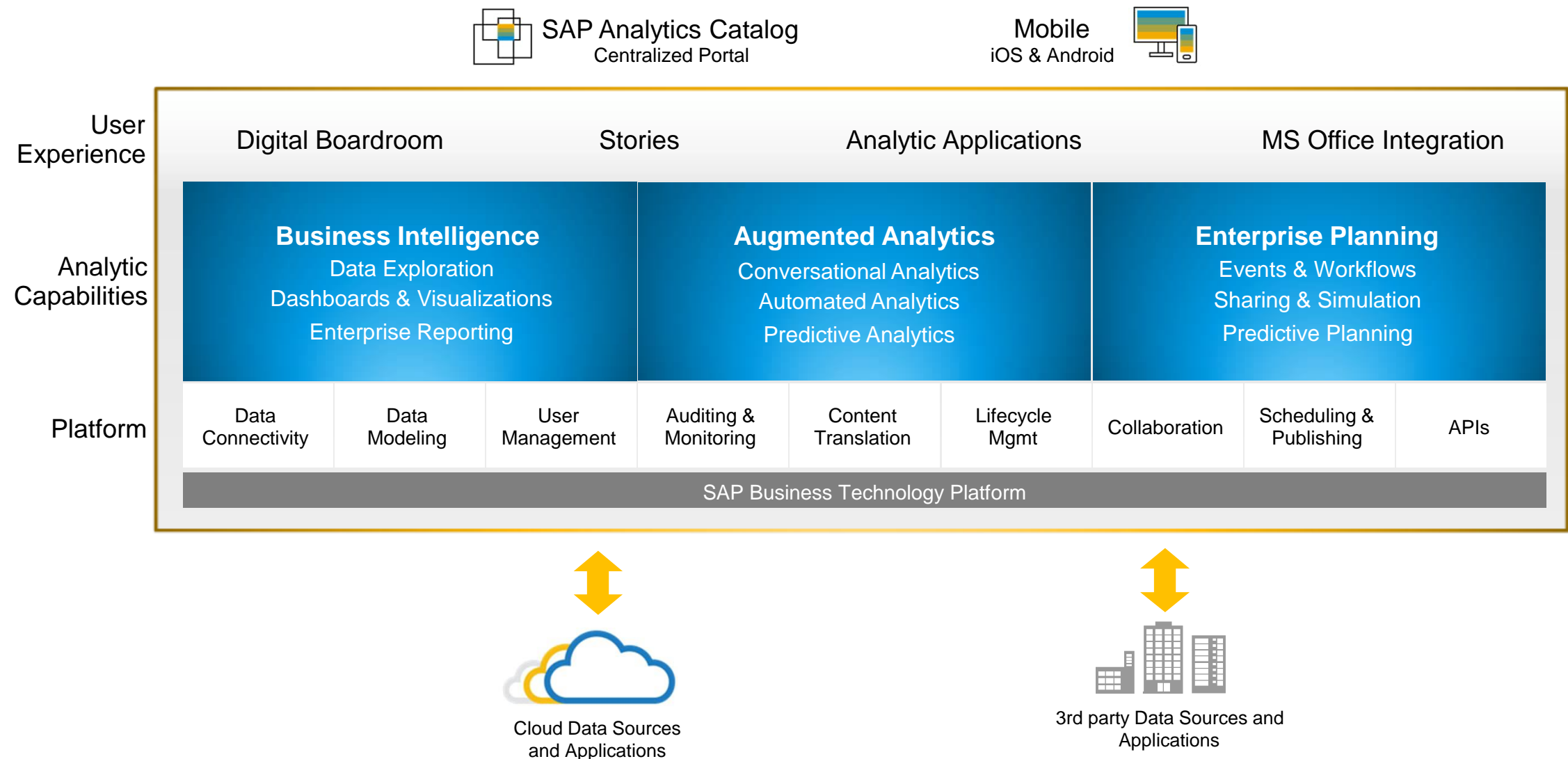
SAP Analytics Cloud

- Product Overview
- Benefits & Integration Opportunities for Datasphere
- SAP Datasphere and SAC Roadmap
- Demonstration (Datasphere and SAC)

SAP Analytics Cloud(SAC)



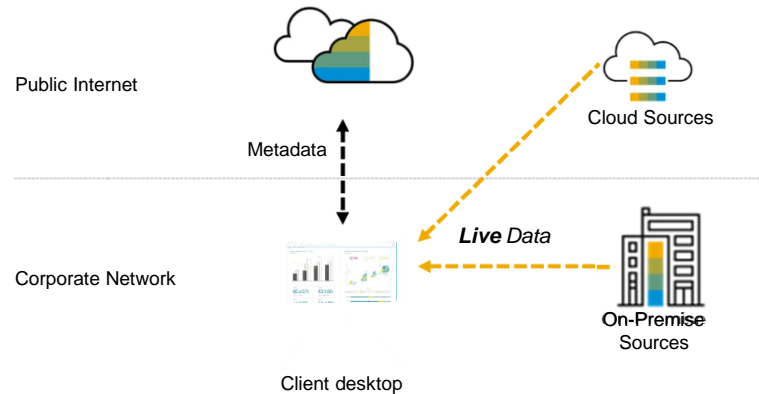
SAP Analytics Cloud



SAP Analytics Cloud(SAC) Data Connectivity

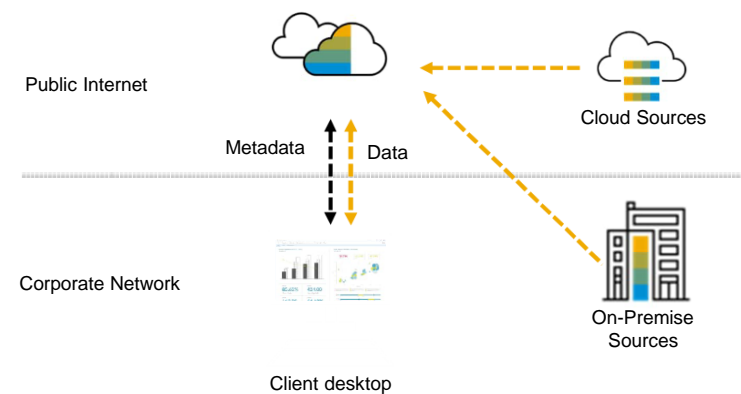
Live Data Connectivity

- Data is never replicated to cloud – real-time data is streamed directly to client machine
- Leverages source system's existing business metadata and data authorizations





Acquired (Imported) Data Connectivity

- Data is imported into SAP Analytics Cloud
- Users can prepare, wrangle and model data
- Data is refreshed on demand or via schedule



Supported Data Connectivity(SAP Analytics Cloud)

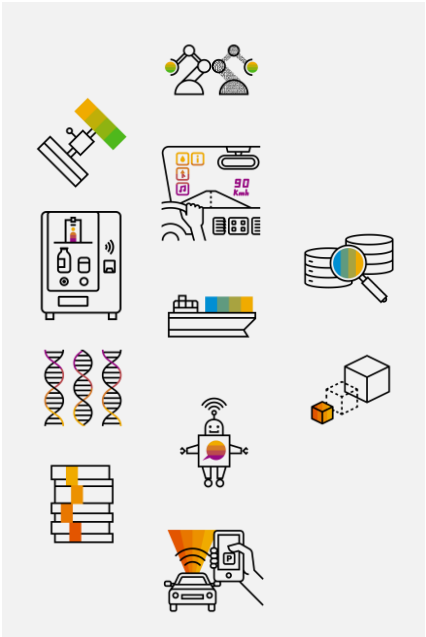
		Live Connections		Acquired Connections	
		SAP	Non-SAP	SAP	Non-SAP
 On-Premise		<ul style="list-style-type: none">• SAP HANA• SAP BW, BW/4HANA• SAP S/4HANA• SAP BPC Embedded• SAP BI Universe (UNV, UNX, Web Intelligence docs)	<ul style="list-style-type: none">• Data sources through BI 4.3 , SAP HANA & SAP Datasphere• SQL data sources through partner extensions	<ul style="list-style-type: none">• SAP HANA• SAP BW, BW/4HANA• SAP S/4HANA• SAP ECC• SAP BPC NW & MS• SAP BI Universe (UNX)• SAP Integrated Business Planning	<ul style="list-style-type: none">• SQL Data Sources• Excel, CSV
	 Cloud		<ul style="list-style-type: none">• SAP HANA Cloud• SAP Datasphere• SAP S/4HANA Cloud• SAP Marketing Cloud		<ul style="list-style-type: none">• SAP S/4HANA Cloud• SAP Business ByDesign• SAP Marketing Cloud• SAP Cloud for Customer• SAP SuccessFactors• SAP SuccessFactors WFA• SAP Fieldglass• SAP Concur• SAP Qualtrics

[Check here for full list and supported versions](#)

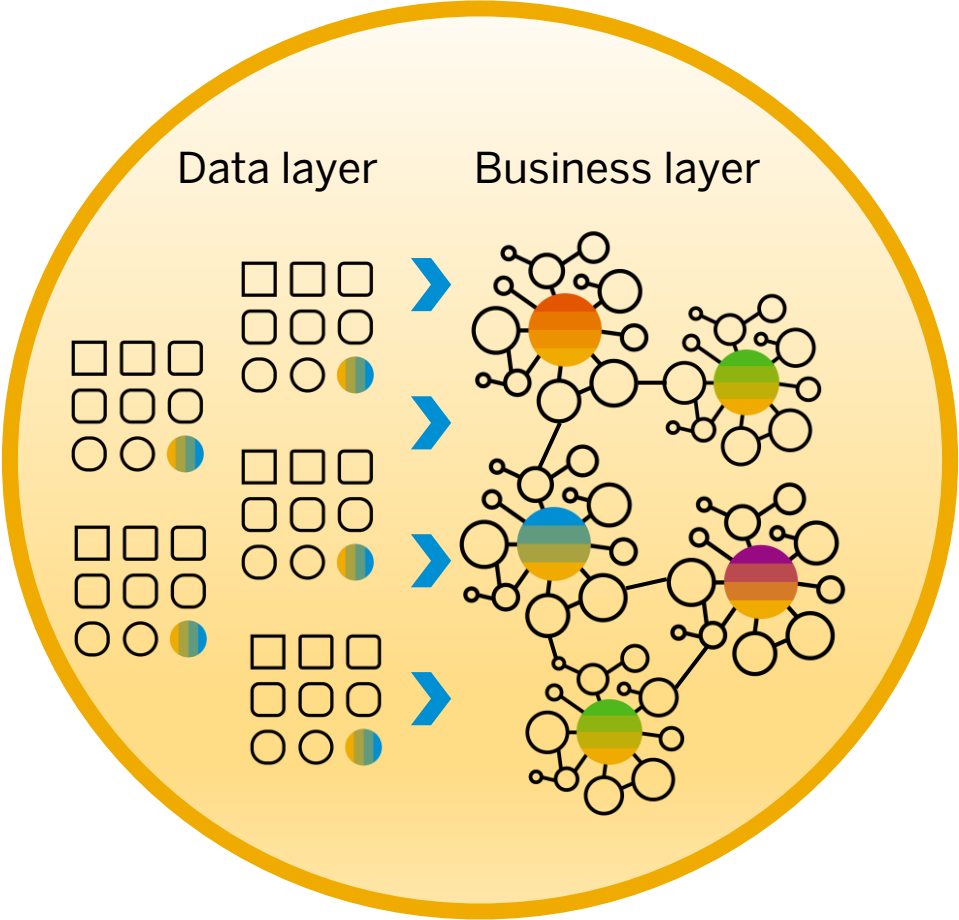
27

Combining SAP Datasphere & SAP Analytics Cloud*

Data sources



SAP Datasphere



SAP Analytics Cloud



Ad hoc data
exploration



Powerful
visualization



Intelligent
augmentation



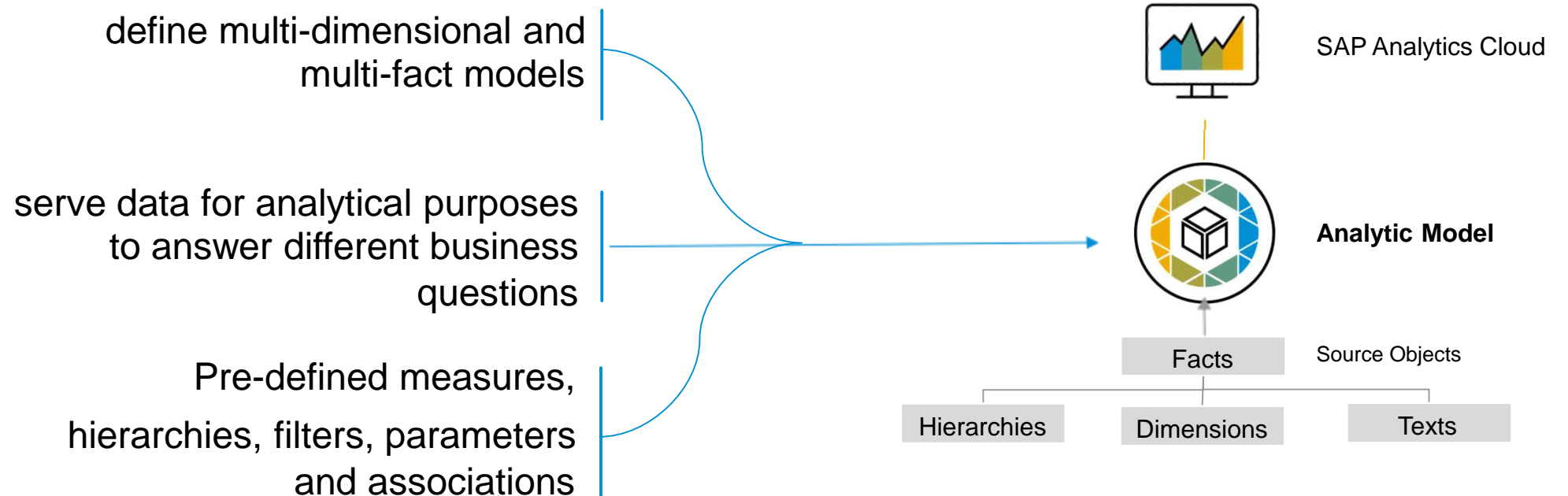
Business
planning



*Please note that both SAP Analytics Cloud and SAP Datasphere are separate products and can be used independent from each other.

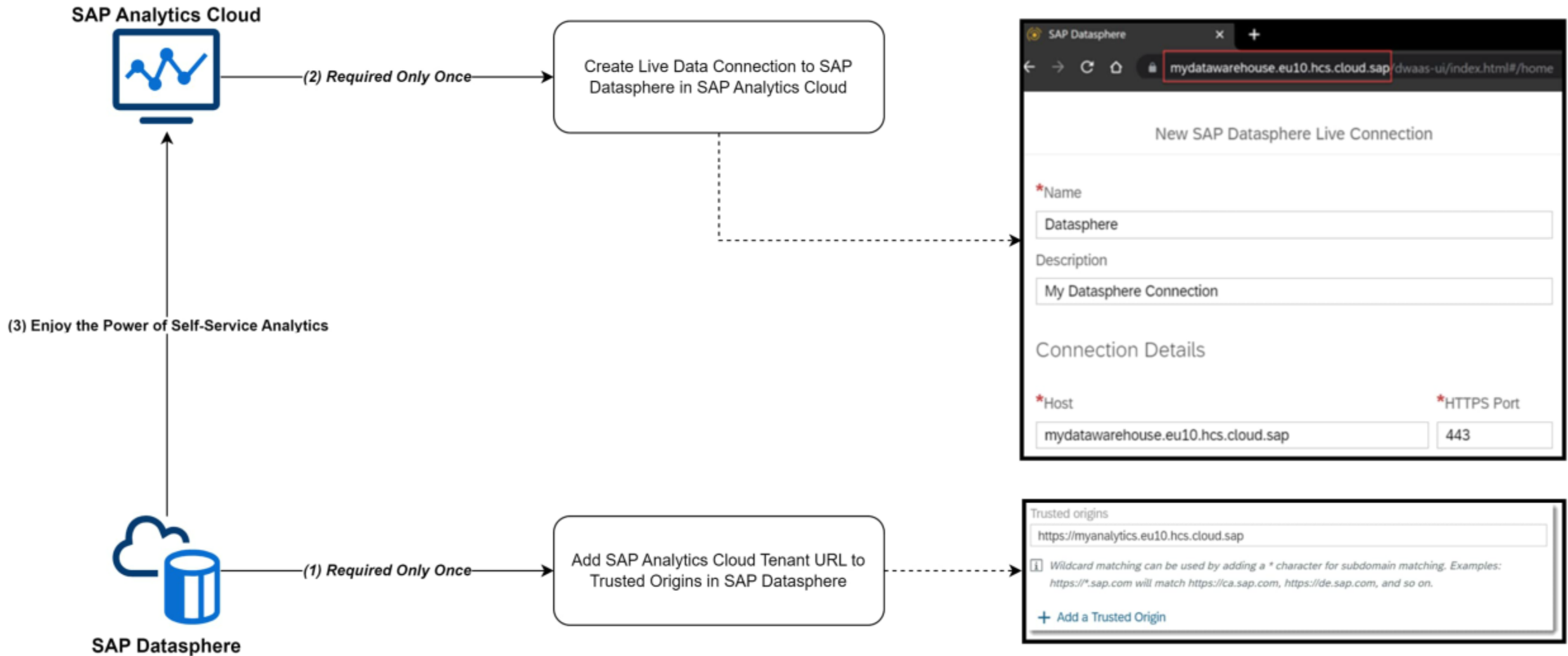
SAP Datasphere Analytic Model

Analytic Models are the analytical foundation to make data ready for consumption in SAP Analytics Cloud.



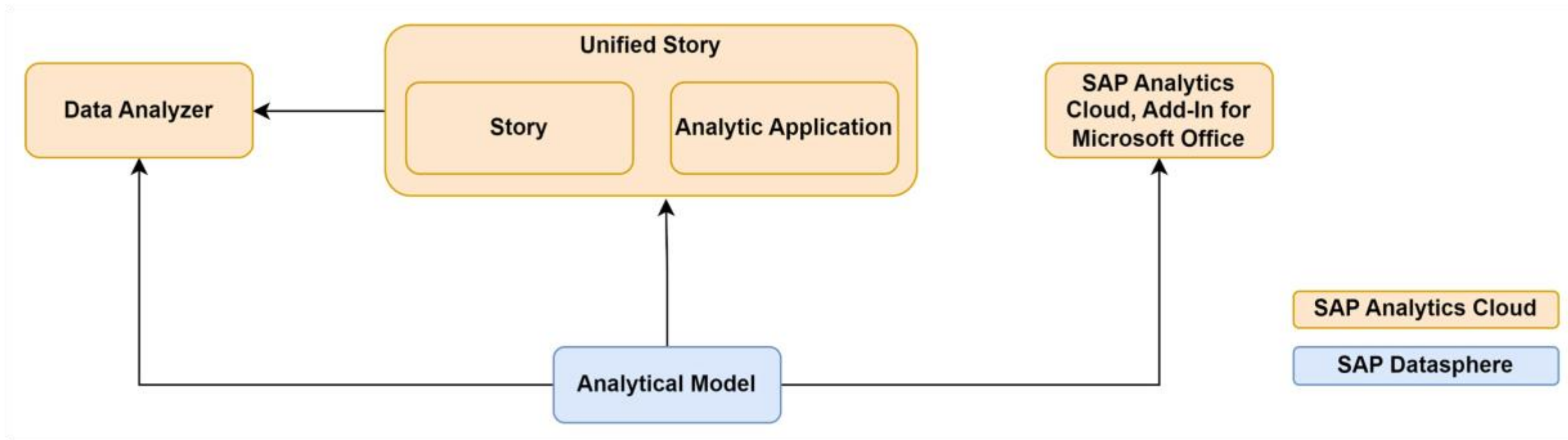
SAP Datasphere & SAP Analytics Cloud

Establish Connectivity



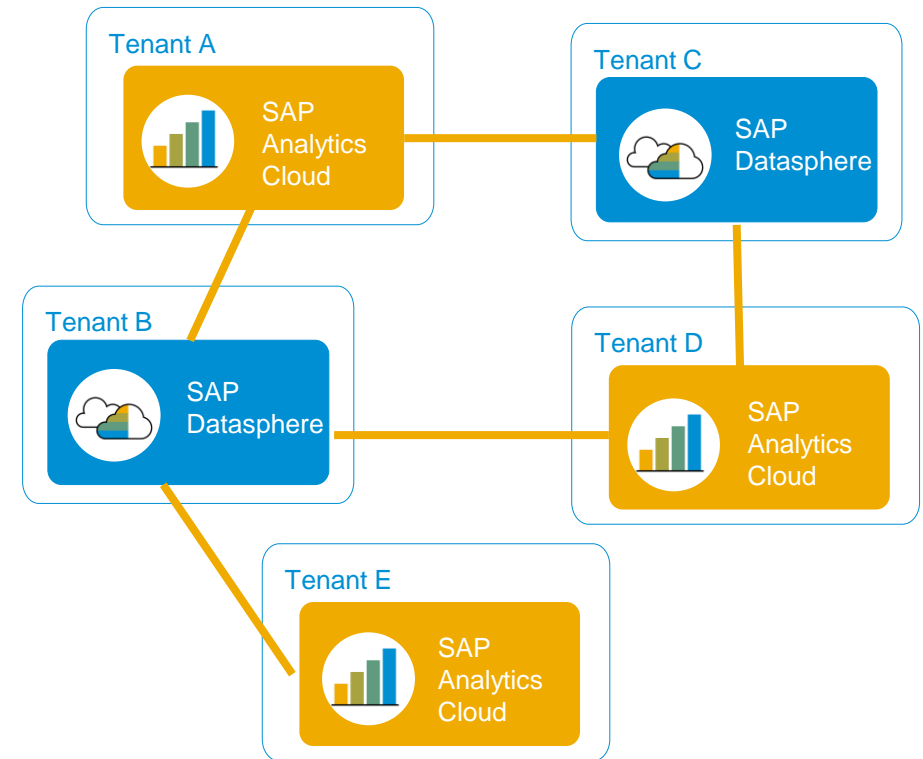
SAP Datasphere & SAP Analytics Cloud

Integration Opportunities



SAP Datasphere SAP & Analytics Cloud

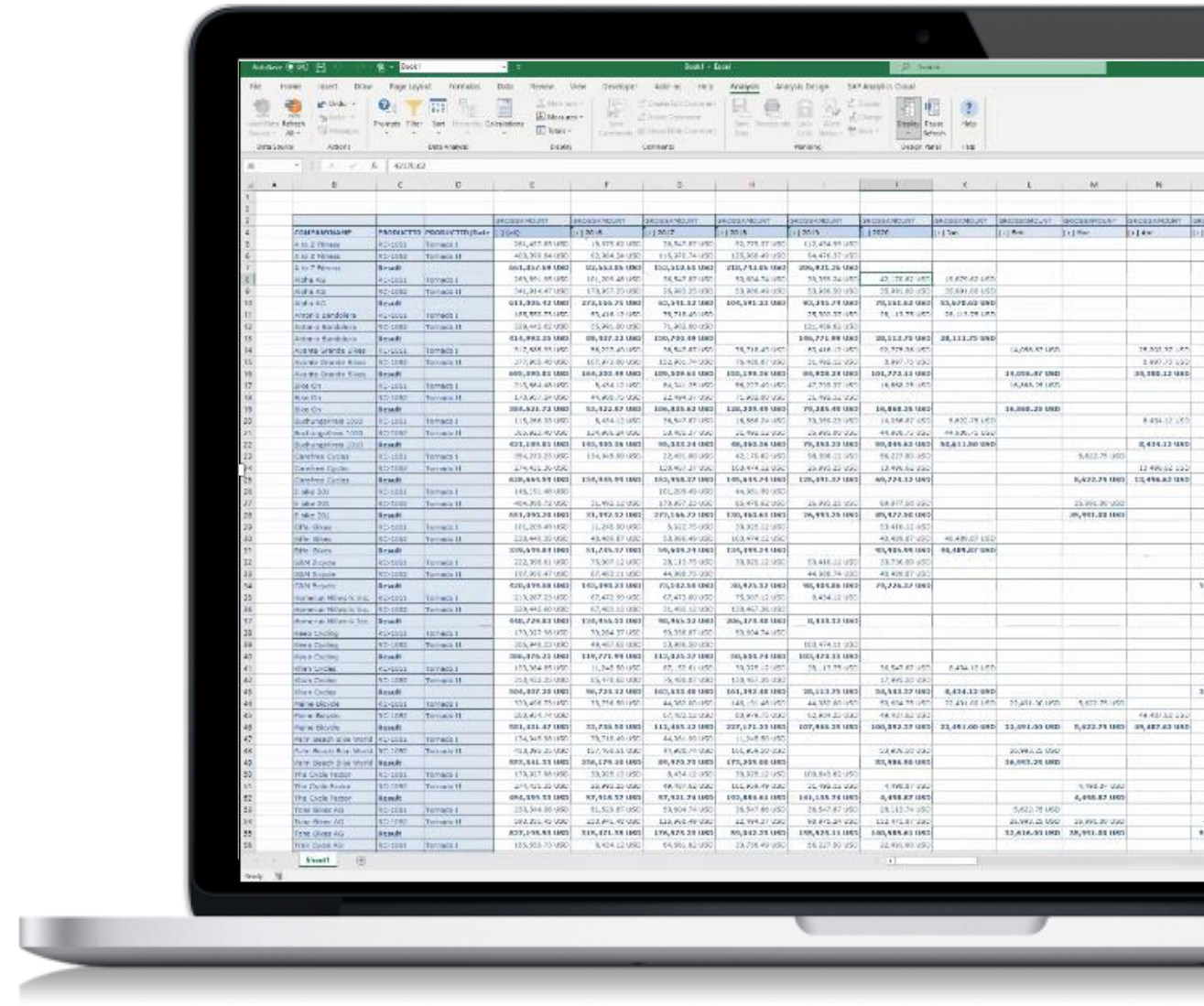
- Regardless of the tenant any SAP Datasphere can be connected across tenants to any SAP Analytics Cloud(SAC)
- SAP Datasphere are connected via Live Connector.
- The live connectivity needs to be set up manually.
- SAP Datasphere remote connections can also be set up for SAP Analytics Cloud NEO tenants.
- SAP Analytics Cloud and SAP Datasphere can run in different release cycles.



SAP Note: [2832606 - Limitations with Live Connections](#)

SAP Analysis for Office Support (Add-in for Microsoft Office)

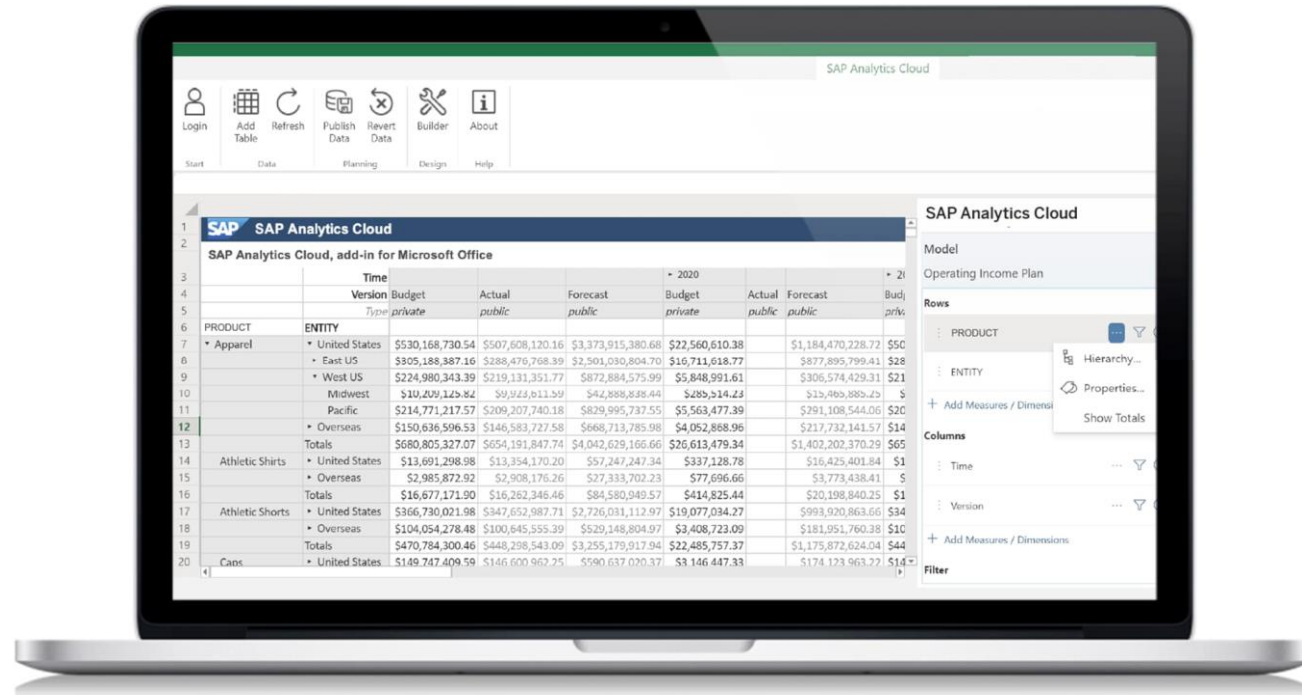
- Live connection support for SAP Datasphere via the Excel Plug-In.
- Support SAP Datasphere as data source for the SAP Analysis for Office Excel plug-in 2.8 SP14+
- Provide your business users with flexibility by extending the AfO support to cloud sources
- Find more information
 - SAP Community for the [SAP Analysis for Microsoft Office](#)
 - Learn how to use it: [Access SAP Data Warehouse Cloud with SAP's Microsoft Excel add-ins](#)



Add-in for Microsoft Office (SAP Analytics Cloud)

Analyze your plans, simulate future outcomes, and make effective business actions with Microsoft Office Excel 365

- Design formatted reports in Excel
- Created formatted reports on analytic and planning acquired data models
- Plan, simulate and write back to planning models
- Collaborate with colleagues online, on desktop, Windows or Mac



Pre-Built Content Packages for LoB and Industry Use Cases

Line of Business

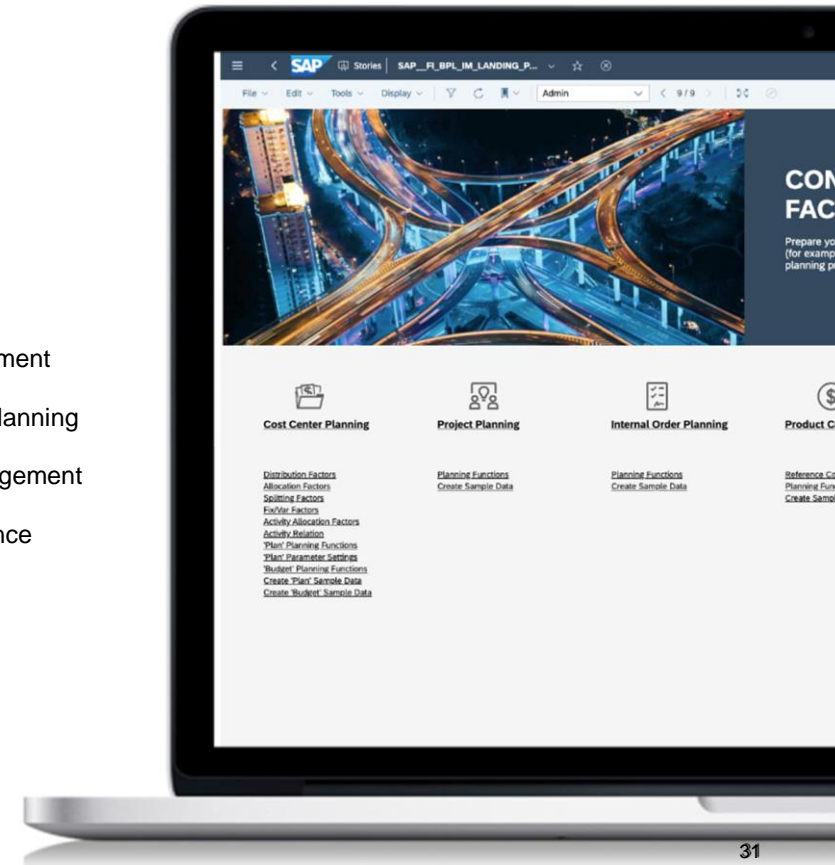
- Asset Management
- Environmental Health and Safety
- Experience Management
- Finance
- Human Resources
- Integrated Business Planning
- Liquidity Planning
- Marketing
- Procurement
- Product Cost Planning
- Project and Portfolio Mgmt
- Project Management
- Sales and Distribution
- Supply Chain
- Trade Management
- Transportation
- Travel & Expense
- Treasury Management
- Vendor Management
- + many more

Industry

- A&D
- Agriculture
- Banking
- Chemicals
- Consumer Products
- Health Care
- High Tech
- Higher Education
- Insurance
- Mill Products
- Mining
- Oil & Gas
- Professional Services
- Public Sector
- Real Estate
- Retail
- Sports
- Telecommunications
- Utilities
- + many more

SAP Sources

- SAP Ariba
- SAP BW
- SAP BW/4HANA
- SAP Business ByDesign
- SAP Business One
- SAP Concur
- SAP Cloud for Customer
- SAP Datasphere
- SAP Fieldglass
- SAP Field Service Management
- SAP HANA
- SAP Integrated Business Planning
- SAP Integration Suite
- SAP Intelligent Asset Management
- SAP Marketing Cloud
- SAP Master Data Governance
- SAP Qualtrics
- SAP S/4HANA
- SAP S/4HANA Cloud
- SAP Solution Manager
- SAP SuccessFactors
- + many more



Benefits for SAP Datasphere Customers

Key Areas where SAP Analytics Cloud adds value to SAP Datasphere

Live Data Access



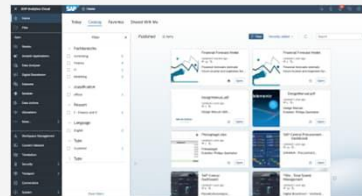
- Datasphere models to become native & integrated models
- No additional model to be defined on SAC side already as of today

Superior Visualization



- No- & Low-Code environment to create superior dashboards
- Many features are available w/o additional modeling efforts

Enterprise Analytics



- Respects authorization & understands Datasphere semantics
- Rollout to large user numbers & simple consumption for non-analysts

Extended Planning & Analysis




- SAC offers market leading planning capabilities
- Bi-directional data transfer offers planning with integration

Harmonized UX



- SAC and Datasphere offer the same user experience
- Reduced efforts for onboarding knowledge build-up

SAP Datasphere and SAC Road Map Explorer



Road Map Explorer

ProductsProcessesIndustries


SAP

Road Maps

SAP Road Maps support the journey to SAP's future product portfolio and the Intelligent Enterprise. Explore our road maps, webinars, and transformation guides to learn more.

Search SAP Road Maps by keywords, topics, processes or products.

Check the latest information on the SAP ROAD MAP EXPLORER



Road Map Explorer

ProductsProcessesIndustriesMy Road MapsDisclaimer

SAP Datasphere

303 Road Map Items

ProductsIndustriesFocus Topics

EarliestLatestSave

Q4 2023

CURRENT 36 Road Map Items

SAP Datasphere 3.0

Administration and Service Management

Elasticity and workload – support configuration of elastic read nodes

Flexible tenant configuration – self-service to increase the size of a...

Flexible tenant configuration: self-service for scale-down

Unified home: focusing on priority action items and reacting to need-t...

Business Warehouse Bridge

Automatic restart of the data transfer process

Data tiering optimization and cold storage

Q1 2024

23 Road Map Items

Future Release

Business Modeling

Ability to generate a time dimension in business-builder modeling

Business Warehouse Bridge

Enablement of overwriting capabilities for established metadata...

Handling and reuse of hierarchies in SAP BW bridge

Model conversion updates for business warehouse solutions

SAP BW bridge for SAP Datasphere: delta extraction to SAP Datasphere

Data Cataloging

Metadata extraction for SAP

Q2 2024

7 Road Map Items

Future Release

Business Warehouse Bridge

Lifecycle management – remote table usage check

Data Center Availability

Enablement of overwriting capabilities for established metadata...

SAP BW bridge: data center availability in the Google Cloud...

Data Integration

Support Confluent Kafka as a source in replication flows

Support for using noncumulative (HCLM) measures in inventory...

Data Marketplace

Q3 2024

10 Road Map Items

Future Release

Business Warehouse Bridge

Use SAP Datasphere data as source for SAP BW bridge

Data Cataloging

Data profiling for SAP HANA

Import of glossaries, terms, and KPIs

Metadata extraction for SAP ERP Central Component

Metadata extraction for SAP HANA

Metadata extraction for SAP S/4HANA

Q4 2024

9 Road Map Items

Future Release

Administration and Service Management

Elasticity and workload – financial governance of elastic read nodes

Data Cataloging

Enriching data products with catalog metadata

Lineage and impact analysis for data products

Metadata extraction for replication flows

Data Center Availability

Data center availability in Latin America through Google Cloud...

2025

5 Road Map Items


Product Vision

Data Marketplace

Data-centric searches and recommendations based on cataloging

Public visibility of marketplace cataloging

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Road Map Explorer

ProductsProcessesIndustriesMy Road MapsDisclaimer

SAP Analytics Cloud

692 Road Map Items

ProductsIndustriesFocus Topics

EarliestLatestSave

Q4 2023

CURRENT 43 Road Map Items

SAP Analytics Cloud 3.0

Administration and Service Management

Contextual help experience and self-directed learning

Switching to the advanced calculation engine in SAP...

Support object-level security for teams

Augmented Analytics

Next-generation natural language query (NLQ) powered by AI

Business Content Delivery

Business content packages for sustainability, finance, sales and th...

Data Center Availability

Q1 2024

35 Road Map Items

Future Release

Administration and Service Management

Administrative-level control of sharing public and private files

Central control over user profile settings for administrators

External hyperlink list for trusted domains

Secondary CMEK rotation

Augmented Analytics

Predictive Planning – ability to understand individual forecasts

Predictive planning – automation of what-if simulation

Q2 2024

17 Road Map Items

Future Release

Data Exploration

Data analyzer – chart update: advanced styling options

Data analyzer – support for workspaces

Data analyzer – URL/LAPI support of insights

Data Integration

Plan Entry – data file upload (end-user)

Support for live data connections to SAP Integrated Business Planning...

Support for using the message server for SAP Business Warehouse...

Q3 2024

2 Road Map Items

Future Release

Data Center Availability

Data center availability in Israel for Google Cloud Platform

Data center availability in Japan for Google Cloud Platform

Q4 2024

8 Road Map Items

Future Release

Augmented Analytics

Accelerating and improving product experiences through generative AI

Data Center Availability

Data center availability in the Antipodes region for Google Cloud...

Data center availability in the South America region for Google Cloud...

Data Integration

Basic CDI Support

Incremental load for New Model Load Jobs

Live connectivity to SQL sources

2025

5 Road Map Items

Product Vision

Administration and Service Management

Exposure of the analytics cataloging administrative overview

Scoped roles for workspace

Streamlining the repository

Analytics Cataloging

Grouping of analytics cataloging

Provision of a tenant-wide "request access" notification

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SAP Datasphere and SAC Demo



Thank you.

Contact information:

Shubham Kamra

shubham.kamra@sap.com

SAP Business Processes Consultant



Data Consumption Beyond Analytics – AI / ML with Operation

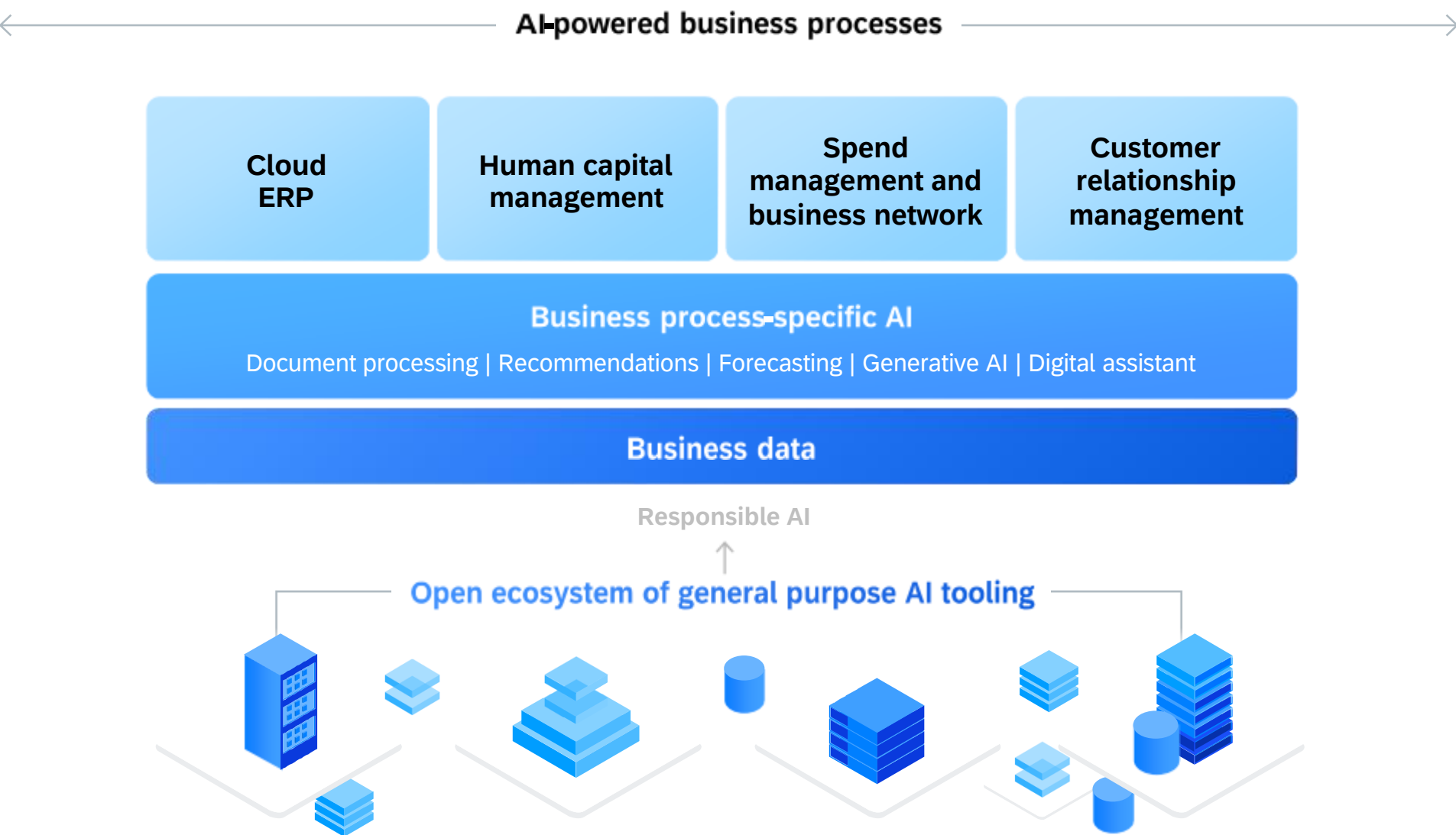
Asit Ramteke
Ravi Palla

PUBLIC

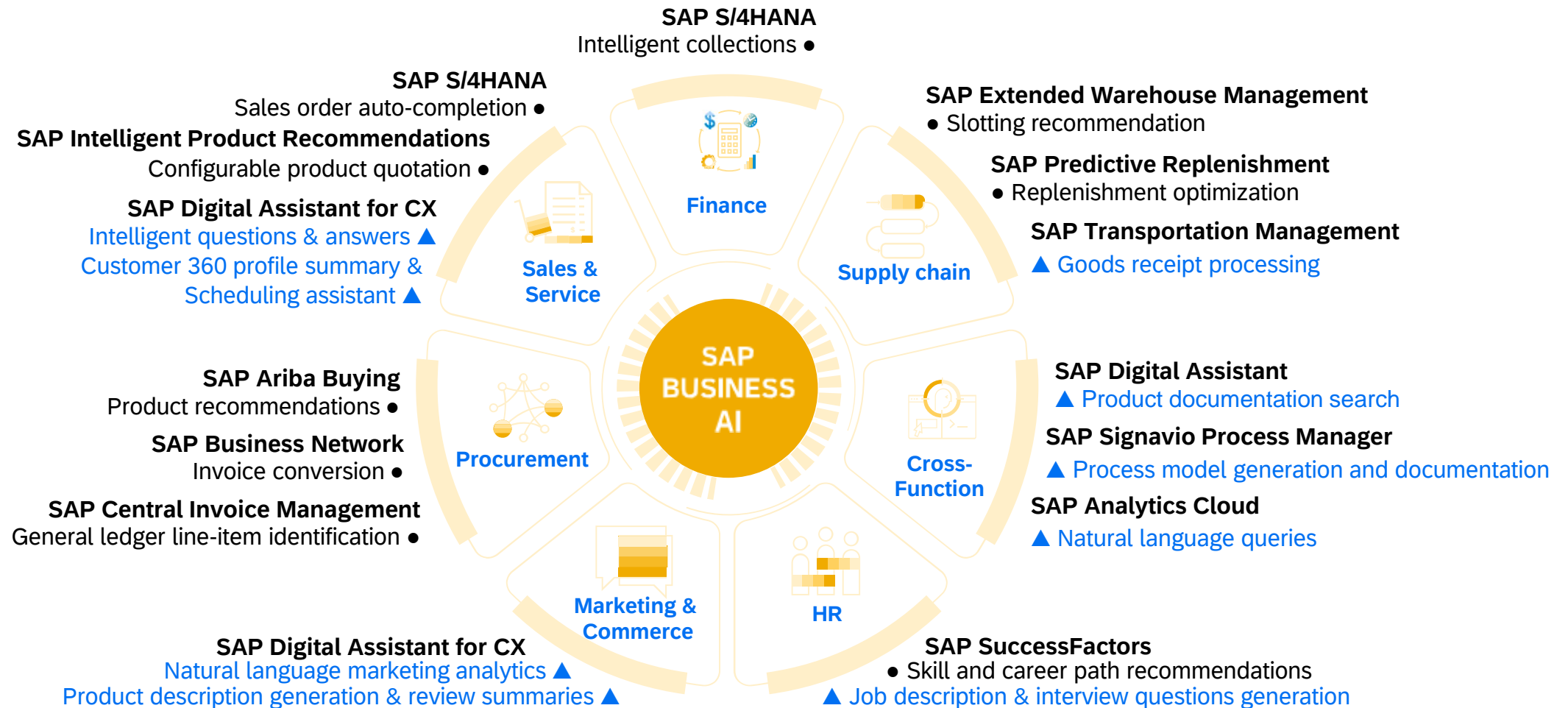
Agenda

- ❑ What's SAP's AI Strategy ?
- ❑ SAP AI: 3 main Pillars
- ❑ What's Generative AI ?
- ❑ SAP's vision on Generative AI
- ❑ SAP AI Portfolio
- ❑ Demo / Customer example
- ❑ How SAP can help from Max Attention side

What's SAP's AI Strategy ?



What's SAP's AI Strategy ? | New built-in AI capabilities for your business



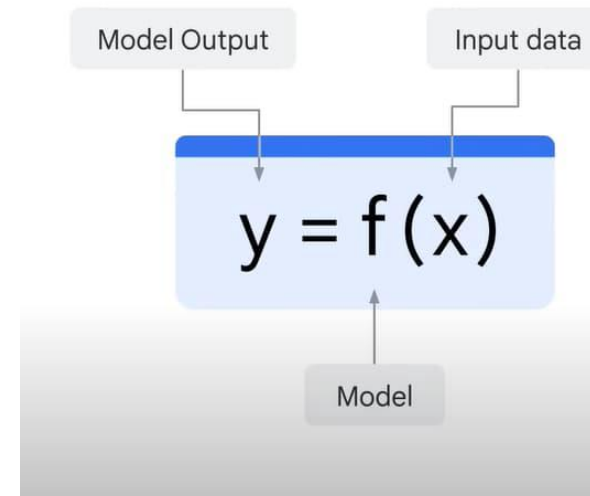
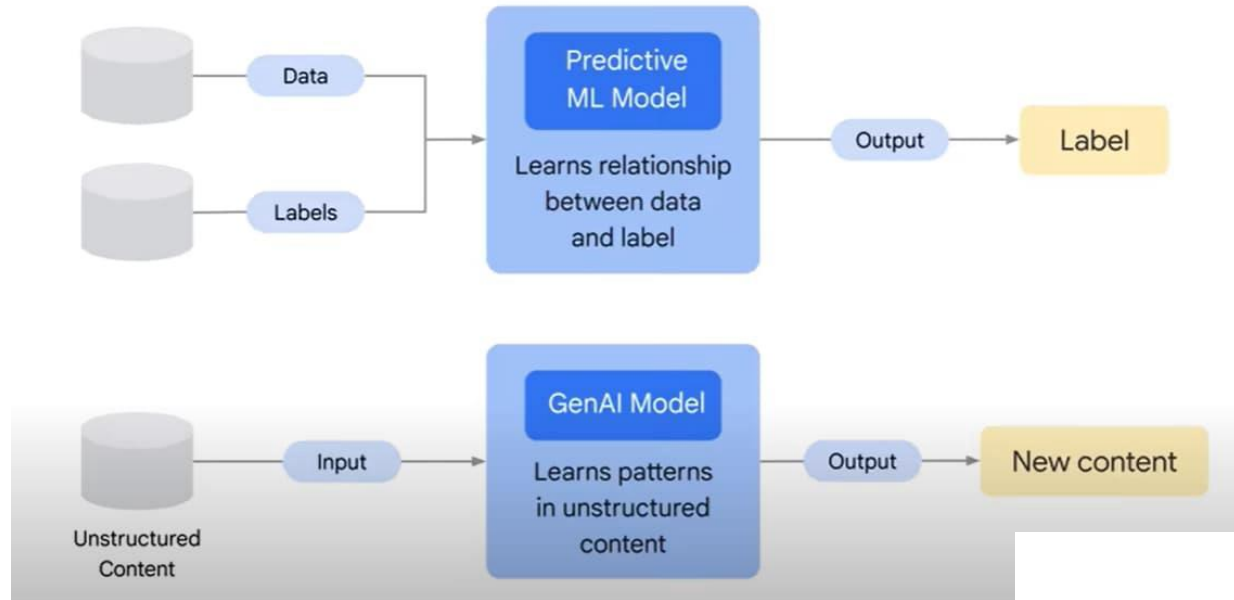
SAP AI: **Potential Realized**

SAP's AI Strategy Adoption Drivers

SAP's AI Strategy has 3 strategic pillars:

- **Transformative intelligence:** We embed business AI capabilities into our applications
- **Adaptable Innovation:** Business centric AI services are exposed via BTP
- **Trusted:** And our customers know that the SAP Embedded AI capabilities and the services we develop are trustworthy

What's Generative AI ? | Definition and Understanding



Not GenAI when y is a:

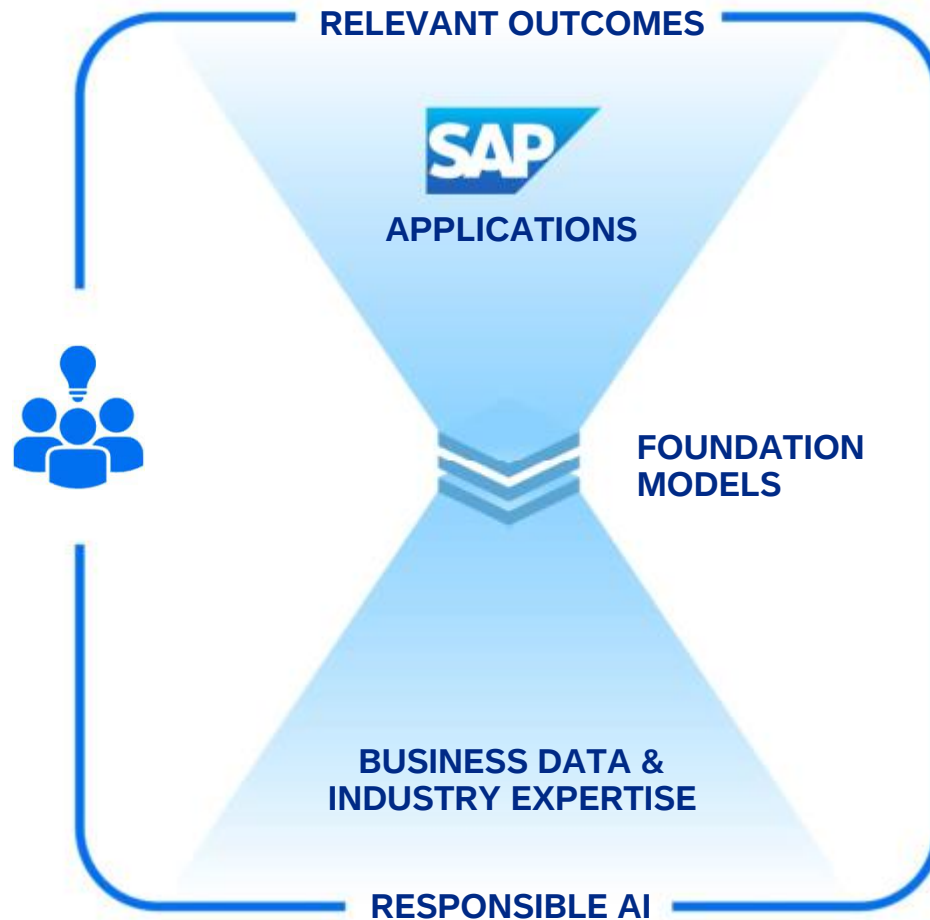
- Number
- Discrete
- Class
- Probability

Is GenAI when y is:

- Natural language
- Image
- Audio

Source: Google

What's SAP's vision for generative AI?



SAP combines the power of **generative AI with the context of business data and business processes** and applies fine-tuning and prompt engineering at scale. This allows SAP to turn otherwise generic results into ones that are tailored to your business. These results are built into the SAP applications that business users use every day.

SAP keeps humans in the loop responsibly to review and approve generated information.

SAP's use of **generative AI follows the same principles of business AI** and the same rigorous development and responsible AI review processes.



SAP AI Portfolio

Embed and extend AI scenarios in business applications



AI Personas

#1 Business Users: Using out of box AI innovations in LOB solutions Business Users

AI integrated into business processes and solutions

Intercompany Reconciliation	Sales Order Automation	SAP Cash Application	Workflow Intelligence	Personalized Learning Recommendations	Returnable Packaging Management	Product & Pricing Recommendations	Intelligent Expense Scanning	Automatic Invoice Processing	Digital Assistant
-----------------------------	------------------------	----------------------	-----------------------	---------------------------------------	---------------------------------	-----------------------------------	------------------------------	------------------------------	-------------------

#2 Developers: Extensions with BTP core services Developers

SAP AI Business Services

Service Ticket Intelligence	Data Attribute Recommendation	Document Information Extraction	Business Entity Recognition
-----------------------------	-------------------------------	---------------------------------	-----------------------------

SAP Process Automation

Document Classification	Personalized Recommendation	Workflow	RPA	Business Rules	Process Visibility
-------------------------	-----------------------------	----------	-----	----------------	--------------------

#3 Data Scientists: Building company specific AI/ML models Data Scientists

SAP AI Core
SAP AI Launchpad

SAP HANA Cloud
SAP Datasphere

SAP Data Intelligence
SAP Analytics Cloud

Customer example

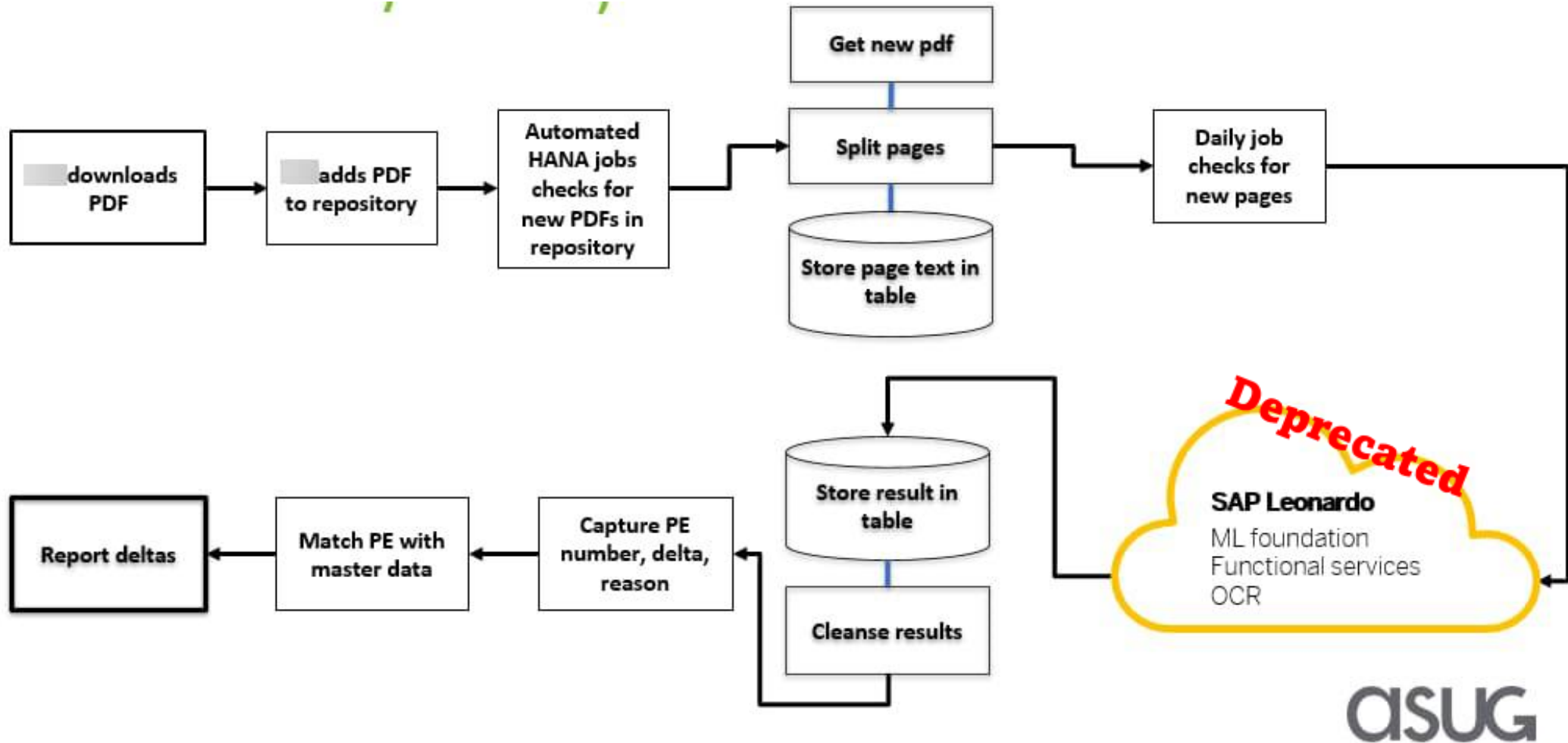
Business requirement:

- ✓ Customer looking for a solution to extract information from a report published a pdf file.
- ✓ To extract key information from related blogs and press releases to identify market trends and upcoming technologies involved in the related areas. All this information is available as public documents.

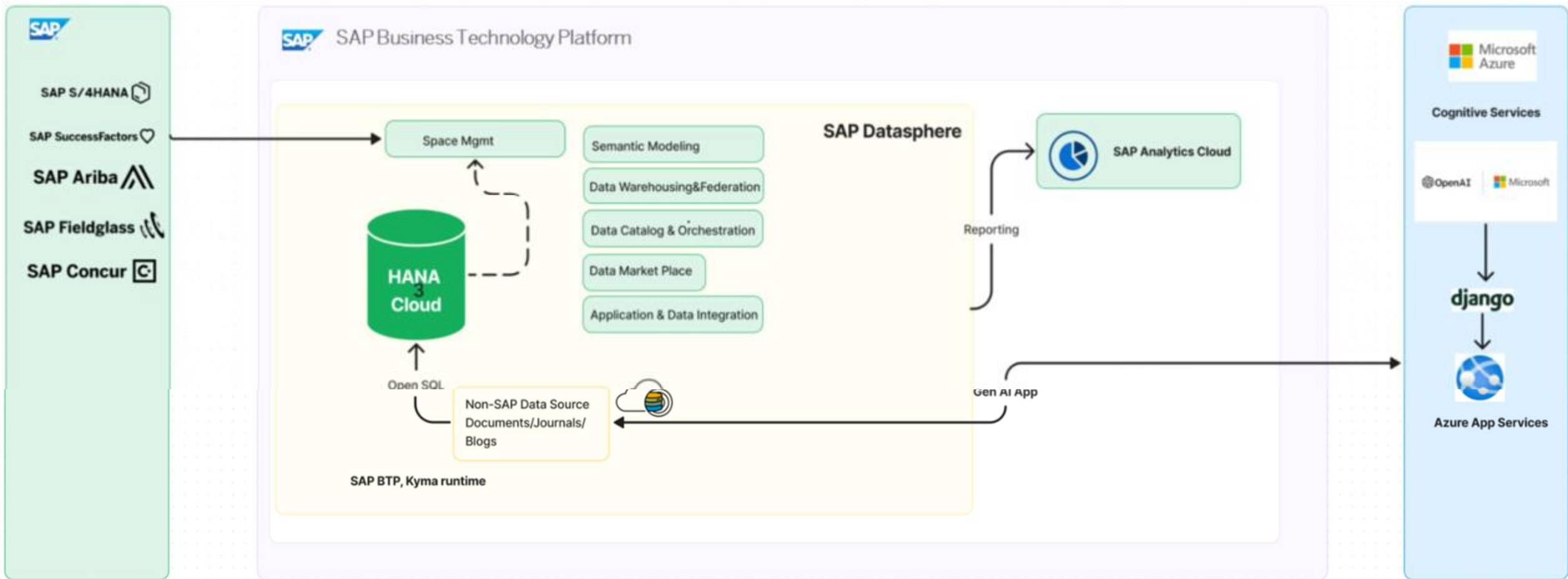
Key Benefits

- ✓ Ability to mine information & use as part of forecasting and planning process.
- ✓ Simplify the reporting process.
- ✓ Automating E2E process.
- ✓ Use key market trends to pursue new business opportunities.

Customer Example: Flowchart



GenAI: Use case demo

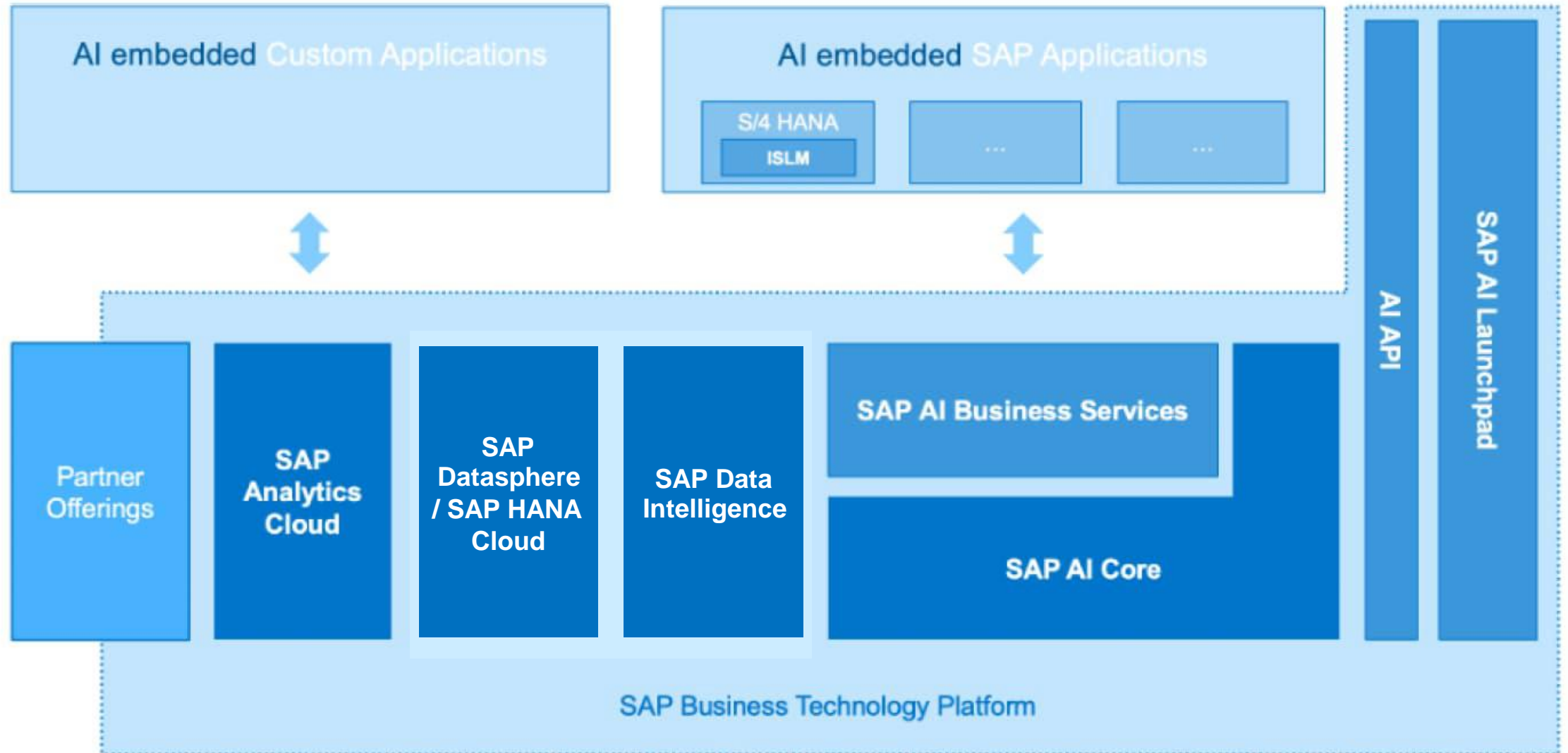


Difference between Open AI vs. Azure Open AI

Feature	Azure OpenAI	OpenAI
Ownership	Co-developed by Microsoft and OpenAI	OpenAI
Security	Offers the security capabilities of MS Azure	Not specified
VNET and Private Endpoints Support	Supports VNETs and Private Endpoints	Not specified
Access	Need access to Azure and requires an application to use Azure OpenAI	Access available to everyone
Prompts and Completions from ChatGPT	Stores prompts and completions data for a maximum of 30 days in the same region, which is encrypted and only accessible to certain MS employees	Stores prompts and completions data to train, re-train or improve the models.

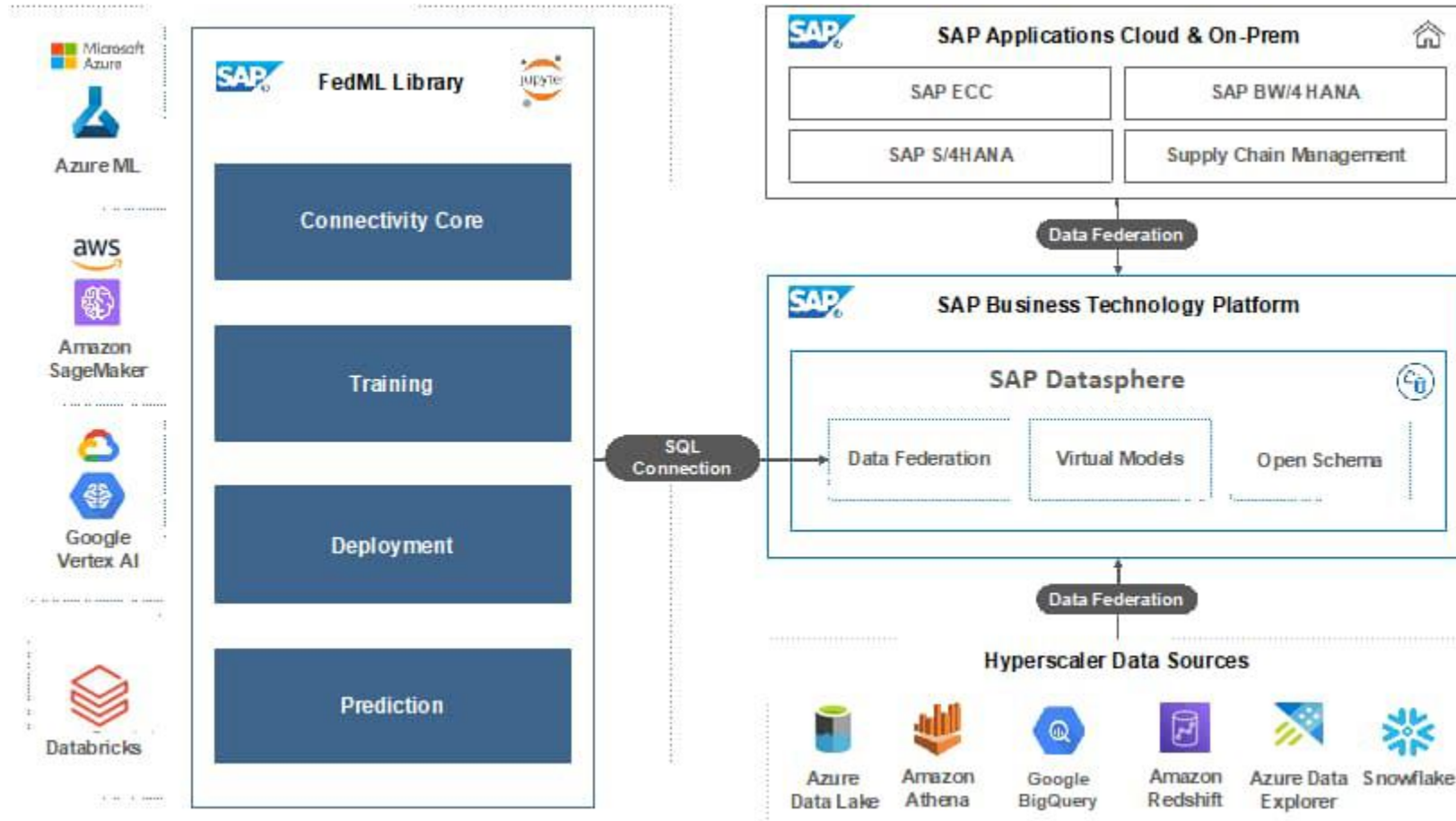
SAP AI Portfolio

AI Technologies



SAP AI Portfolio

Federated Machine Learning (FedML)



SAP AI Portfolio

Deployment Scenarios and Capabilities

SAP S/4HANA

ISLM and Data Intelligence

Create and manage the lifecycle of Intelligent scenarios using SAP Fiori applications: Intelligent Scenario and Intelligent Scenario Management or use the Python integration using SAP Data Intelligence and push developed PAL based scenarios to ISLM.

Built-in AI

SAP Built in AI

Services tailored to business requirements in the area of Supply Chain, Finance, Procurement, HCM, Sales, Commerce and Customer service.

AI Technology

AI Core AI Launchpad and AI Business Services

If a standalone AI solution with complex jobs, dependencies, and **GPU** support in a scalable fashion are the focus, data preparation in **SAP AI Core** can be used.

SAP Analytics Cloud

Augmented and Predictive Analytics and Planning Capabilities

Combines BI, Augmented and Predictive Analytics, and Planning capabilities and is used by Business Users.

HANA Cloud/Datasphere and SAP Data Intelligence

PAL/APL/AML

Multiple possibilities using predictive libraries: PAL/APL and AML. Can be used by application developers, data scientists and business users. Integration with R and other EML and TensorFlow is also possible.

Demo / Customer Example



Streamlining Object counting with AI-Powered Image Recognition

Customer PoC

- This PoC was developed to overcome challenges of time-consuming manual processes to efficiently update and manage Counting of the spare parts at the unloading counter

Business Requirements:

- A comprehensive automation solution utilizing diverse meter model training photos, aimed at detecting the spare parts and count it by using the photos taken via industrial cameras.

Outcomes:



Enhanced Experience

Automated photo analysis expedited data updating. Prompt customer record updates and faster response times.



Cost Savings

Reduced manual entry minimized errors. Freed up resources for critical business areas.



Scalability

AI model seamlessly scaled to handle growing customer demand. Enabled to process data from diverse sources. Supported by AI Core capabilities on SAP BTP.

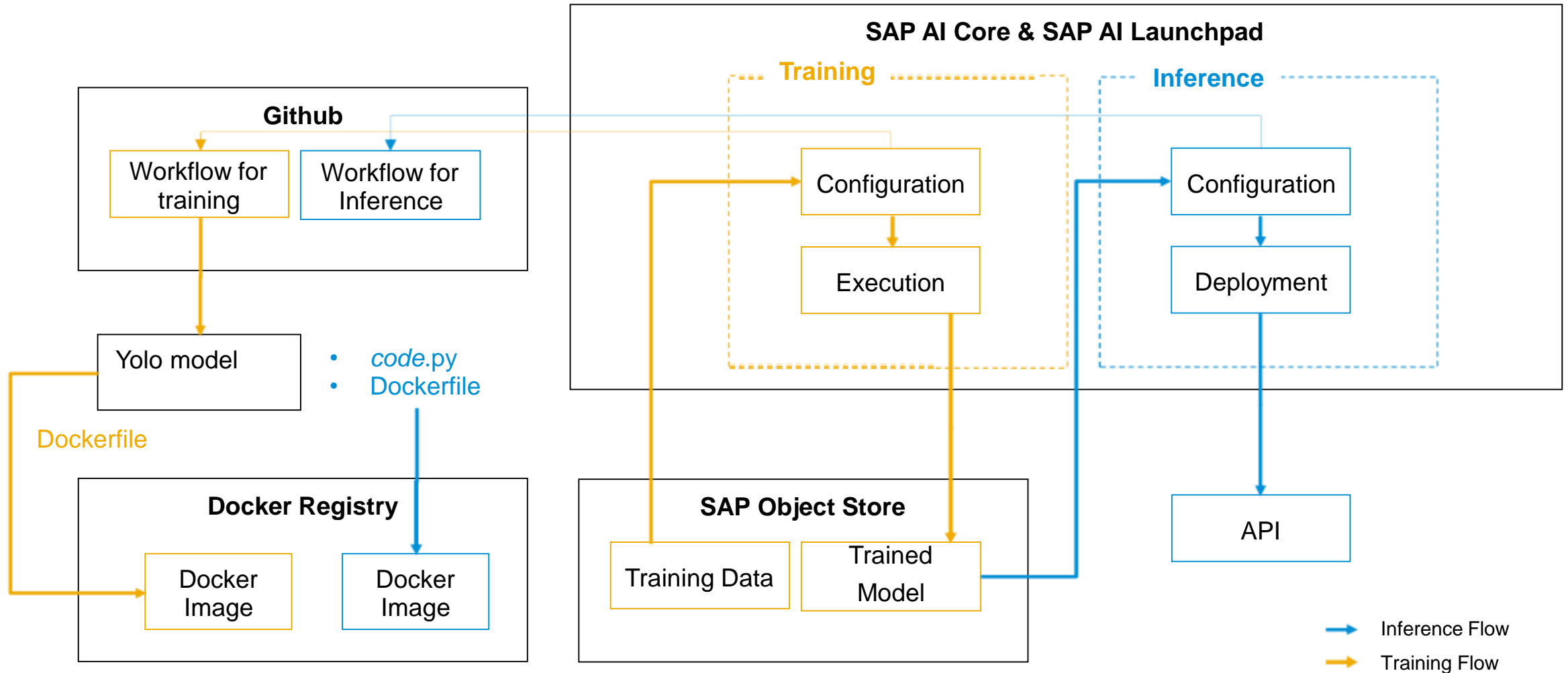


Customer Transformation

Streamlined operations. Improved customer satisfaction. Accurate service delivery through image recognition and counting.

Streamlining Object counting with AI-Powered Image Recognition

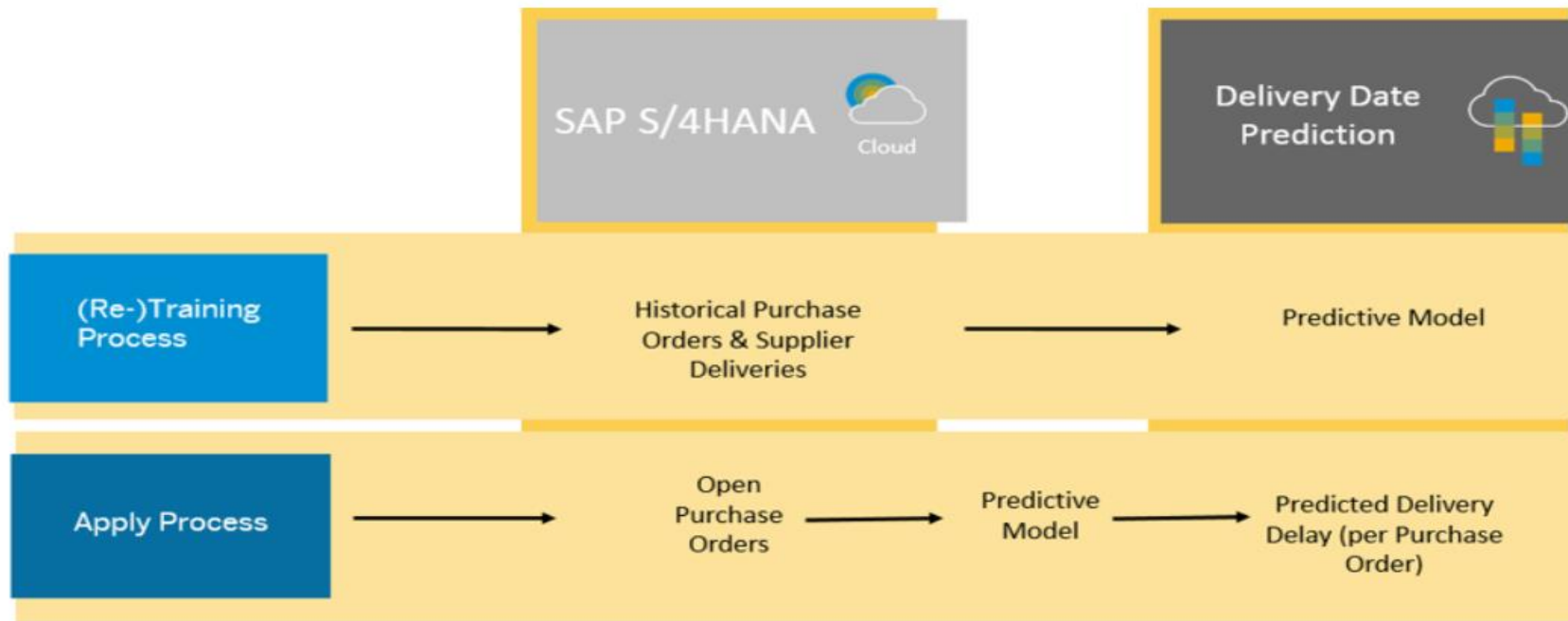
AI Core & Launchpad Architecture



S/4 Prediction of Delivery Date for Purchase Order Items

This predefined predictive scenario allows you, as a data scientist or machine learning expert to enable your users to predict the delivery dates for purchase order items, based on historical data and using Intelligent Scenario Lifecycle Management.

This section describes the data exchange between SAP S/4HANA Cloud and the Delivery Date Prediction service. This figure shows the data flow in the training and apply process:



Demo - <https://youtu.be/104hSZpZRAs>

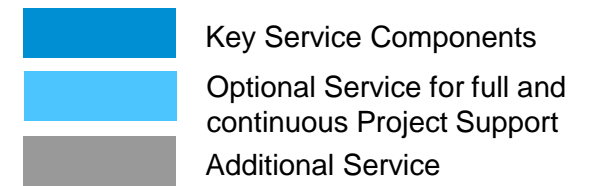
How SAP can help - SAP MaxAttention Services



Artificial Intelligence – Discover New Capabilities

Suggested Service Plan

1

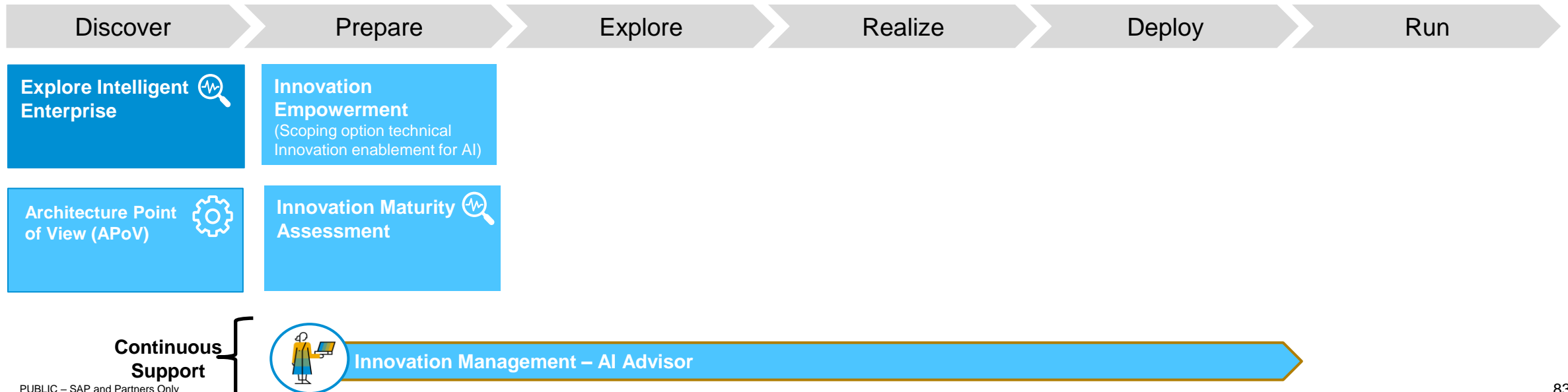


Business needs / Starting Point

- Interest in using AI to improve Business processes and Outcomes but no identified AI use cases
- Require insights, which AI scenarios are available and will bring the highest value
- Want to identify the best areas in the company to invest in AI
- Want to establish a strategic and value driven AI Strategy
- Need for AI empowered IT and Business teams
- Need support from an AI expert to drive AI within the customer organization from use case idea to live AI scenarios

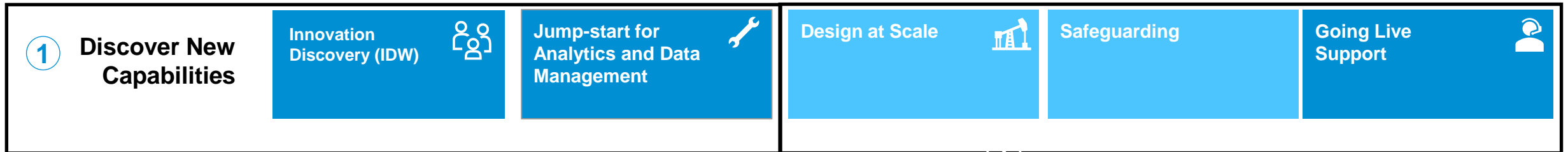
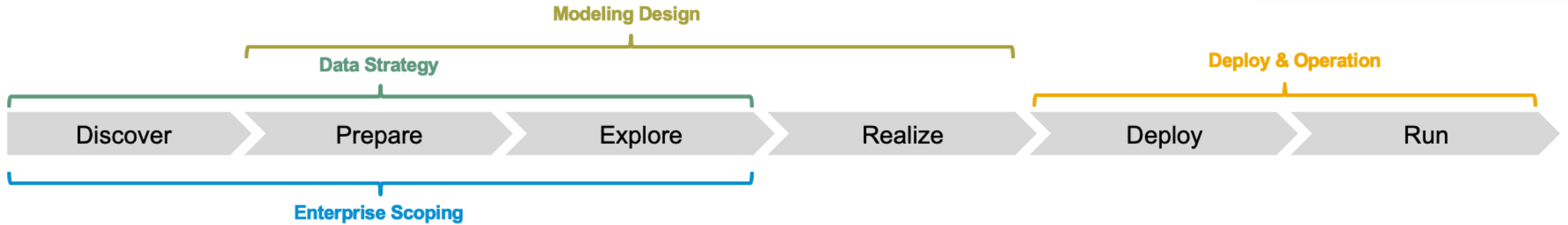
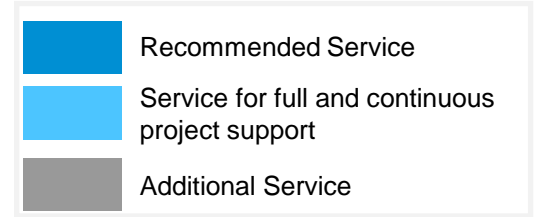
Deliverables

- Understanding of the Architectural Requirements to support your AI Strategy
- Qualified and prioritized AI opportunities to improve your End-to-End business processes using the AI scenarios built into the SAP products and SAP Best Practices
- Customer teams enabled on SAP AI Products and BestPractices
- Qualified and prioritized innovation opportunities
- Benchmarked AI maturity and readiness to innovate AI within assessed area(s) of the company
- Continuous support to drive AI within the customer organization



Artificial Intelligence – Data Driven Intelligent Scenarios ^②

Suggested Service Plan



How can SAP help my business?

What is the plan to realize the vision?

How to implement?

How to realize additional value?

How can I run optimally?

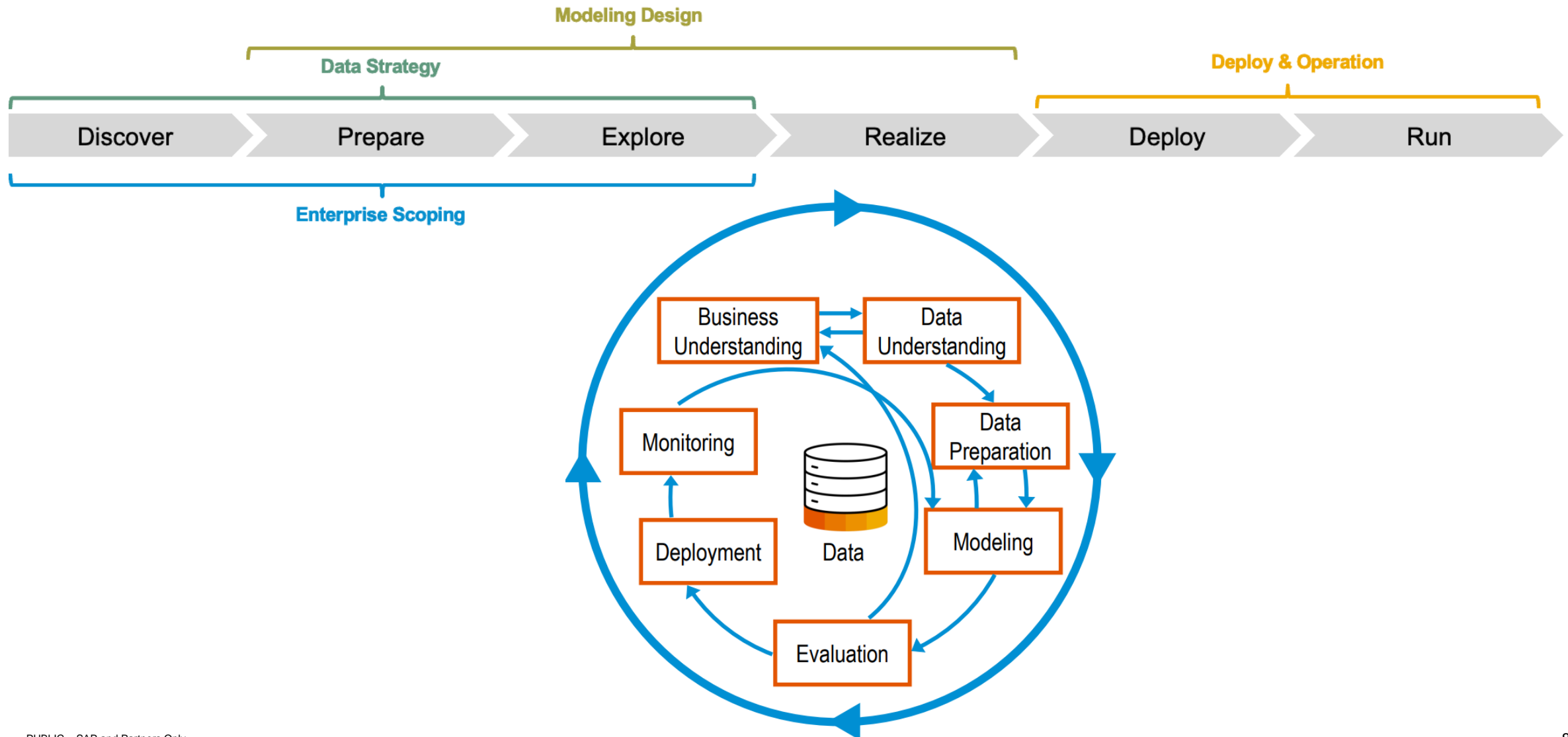
Continuous Support {



Supported by a Technical Architect (Innovation Management – AI Advisor)

Artificial Intelligence – Data Driven Intelligent Scenarios ^②

Approach



Artificial Intelligence – Data Driven Intelligent Scenarios

Service Components

Value of the Engagement	Step	Service Component	Description	Days
What is the plan to realize the vision?	Business Understanding	Innovation Discovery Architecture Point of View (APoV)	<ul style="list-style-type: none"> ➤ Workshop to identify and analyze the AI/ML use case. ➤ Empower project team with the capabilities of AI/ML ➤ Scope the use cases for the build phase or the PoC 	5-10
How to implement?	Data Understanding and Data Preparation	Jump Start For Analytics and Data Management	<ul style="list-style-type: none"> ➤ Based on identified use case, analyze and understand the data, perform data cleaning if needed, decide on the ML model. ➤ Outcome of prototype and understanding would be fed into the execution phase. 	15-20**
	Modeling and Evaluation	Jump Start For Analytics and Data Management	<ul style="list-style-type: none"> ➤ Select modeling technique, generate test design, build and assess model. 	10-15**
How to realize additional value?	Deployment	Design at Scale	<ul style="list-style-type: none"> ➤ Build complete use case end-to-end after prototype or PoC is complete 	**
		Safeguarding Digital Transformation	<ul style="list-style-type: none"> ➤ Validate overall system configuration before go-live. 	5-10
How can I run optimally?	Monitoring	SAP Going Live Support	<ul style="list-style-type: none"> ➤ Provide support during cut over and hyper care to stabilize and optimize systems. ➤ Monitor core business processes during go-live. 	5-10

**could vary based on the use case scenario

Thank you.

Ravi Palla

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Q & A



How to get to Datasphere – Roadmap and Approach

Rahul Tayal & Manojguptha Ponnuru
Customer Success, SAP
Nov 21, 2023

PUBLIC

Agenda

Learn how Existing On-premise BW Customers can Transition to Datasphere

- SAP Data Warehousing Direction
 - SAP BW/4HANA, Hybrid Architecture
 - SAP Datasphere with BW Bridge
- BW Bridge Overview and key capabilities
- Conversion options to Datasphere
 - Shell/Remote Conversion
- SAP MaxAttention Services
 - Enablement service for SAP Datasphere
 - Conversion Advisory service for SAP Datasphere
 - Jump Start Service

Learn how Existing On-premise BW Customers can Transition to Datasphere

SAP Data Warehousing Direction



SAP Data Warehousing Portfolio Overview



On-premises

SAP BW/4HANA



Private Cloud

SAP BW/4HANA Cloud,
private edition



Public Cloud

SAP Datasphere

Statement of Direction

SAP continues to innovate Data Warehousing to enable the Intelligent Enterprise

SAP BW/4HANA

Safeguard investments by retaining mature and complex on-premises systems or move to the private cloud – in support of the “RISE with SAP” strategy.

With long-term support commitment until 2040

SAP BW/4HANA remains a key solution in SAP’s portfolio and will be improved in the hybrid capabilities.

SAP Datasphere

Innovate with SAP’s strategic target solution for all data warehousing use cases, in line with our data-to-value portfolio strategy.

SAP Datasphere provides unique innovation beyond classic data warehousing – driving agility, business empowerment, and accelerated time-to-value.

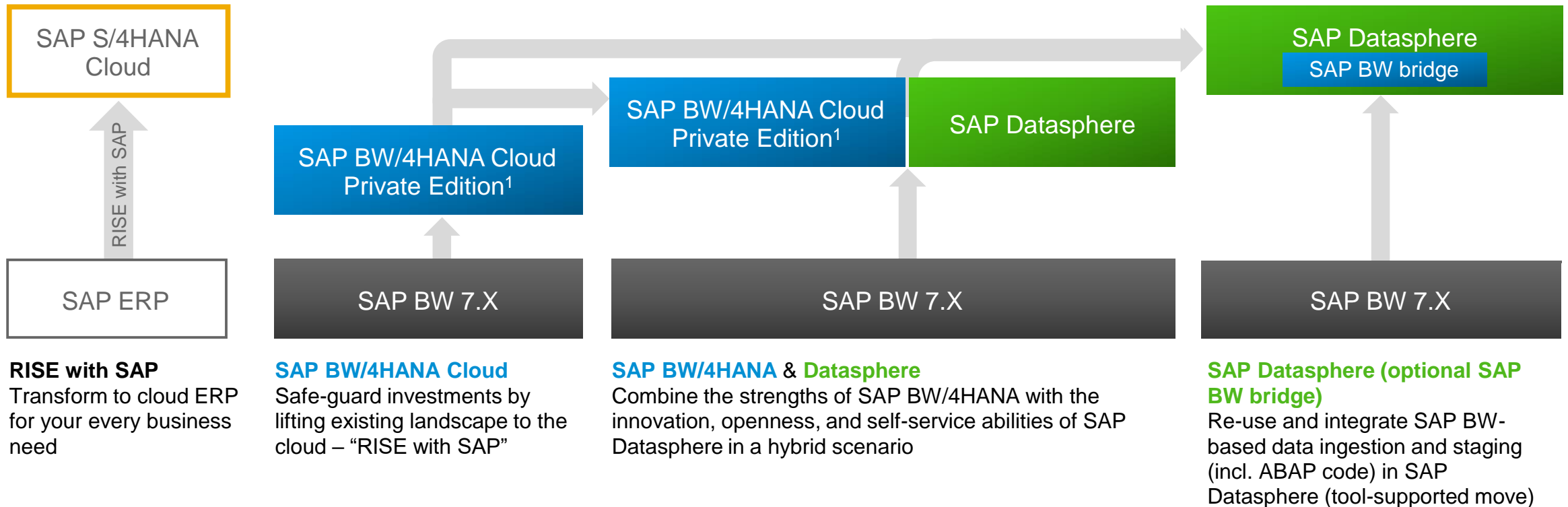


Flexibility to gradually move at your own pace

Innovation Journeys for SAP BW Customers

Flexibility to gradually extend & move at your own pace

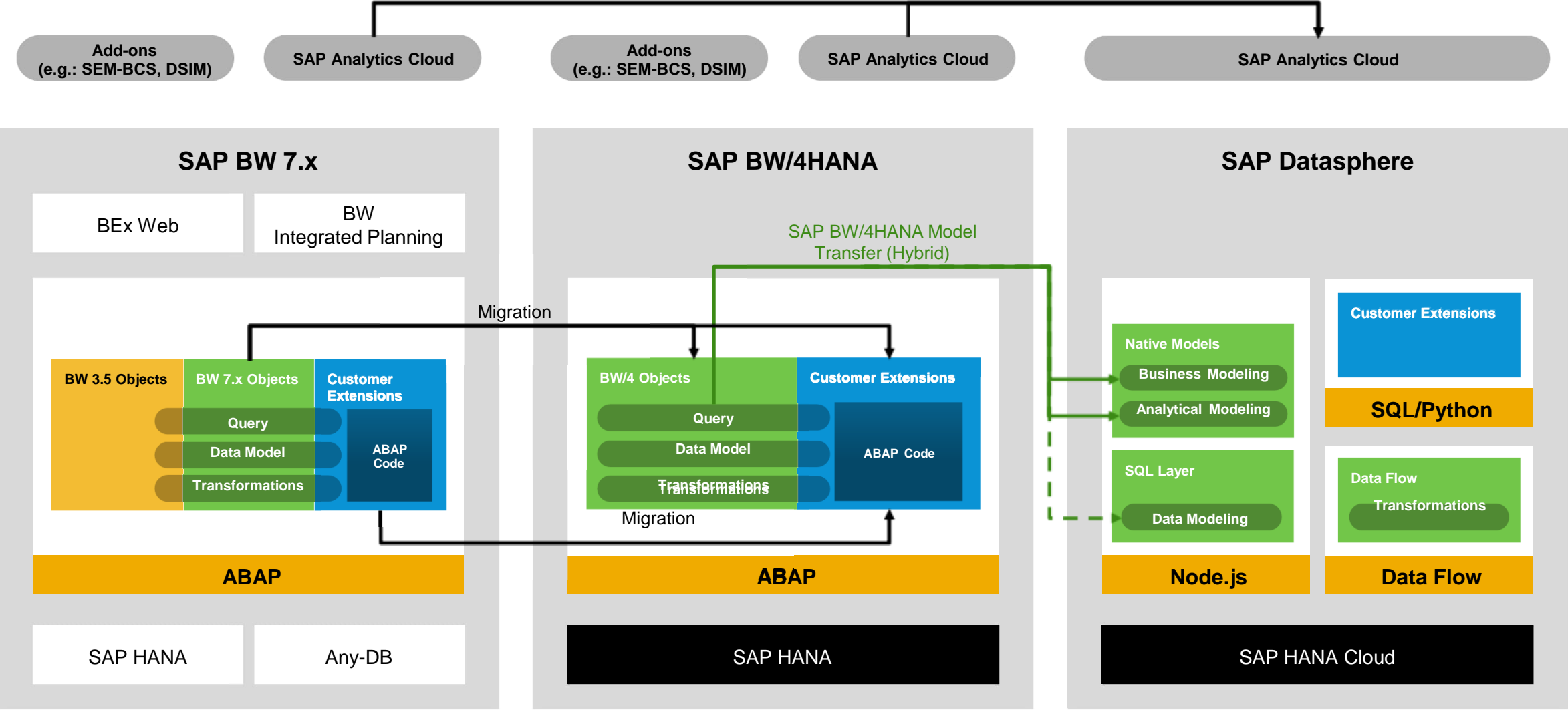
Use right of SAP BW changes with move from on-prem to “RISE with SAP”
SAP cloud ERP subscription license models do not include the use right for a SAP BW stand-alone deployment.^{1,2}



¹ SAP BW/4HANA is fully supported until 2040 and can also be deployed on-premises; SAP BW NetWeaver 7.5 available in private cloud

² SAP cloud ERP includes the embedded BW

Hybrid architecture. SAP BW to SAP Datasphere



Learn how Existing On-premise BW Customers can Transition to Datasphere

SAP Datasphere, BW Bridge



SAP Datasphere, SAP BW bridge

Key Capabilities & Value Proposition

What is the SAP BW bridge?

A SAP Datasphere **feature** that provides a path to the public cloud for SAP BW NetWeaver & SAP BW/4HANA customers.

Offers SAP BW capabilities directly in SAP Datasphere:

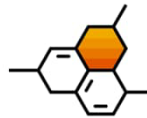
- **Connectivity & Business Content** providing proven SAP BW-based data integration (Extractors) from SAP ECC and SAP S/4HANA
- **Enterprise-ready staging layers** of SAP BW for managing data loading with partitioning, monitoring, error handling
- **Tool-supported move** of SAP BW-based integration and staging

What are the key value propositions?



Reuse for business continuity

Leverage SAP BW data structures, transformations, customizations, and skills – quickly extending your SAP BW investments to the public cloud



Connect with confidence

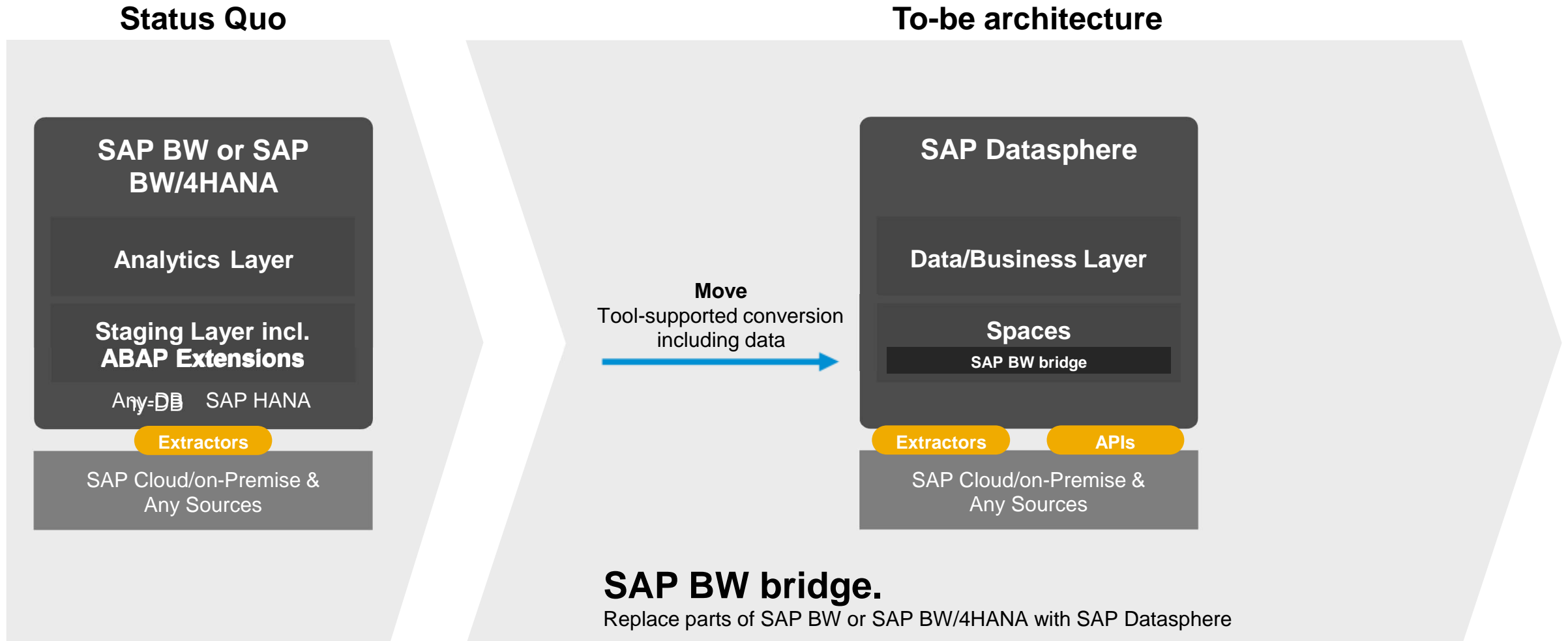
Integrate on-premises SAP Business Suite data with familiar connectivity and semantic richness – retaining instant access while expanding your analytics depth



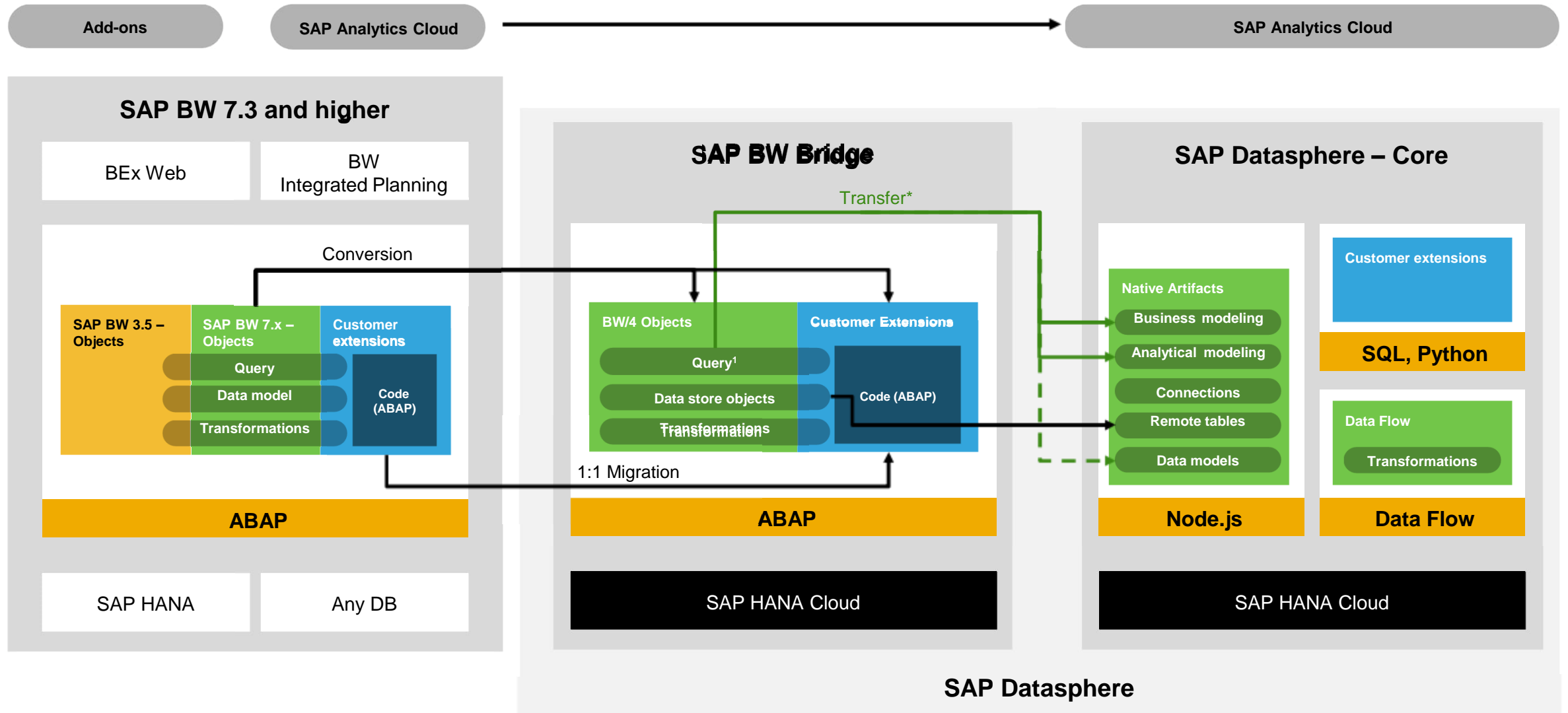
Innovate with cloud agility

Empower your business to rapidly innovate on BW data with an open, unified data & analytics cloud service – scaling innovation and efficiency in the cloud

SAP Datasphere. New Reuse & Integration Capability



SAP BW Bridge. Overview



SAP End of Mainstream Maintenance Key Dates, BW-related

After the end of mainstream maintenance, SAP offers customer-specific maintenance. What that means in detail, you can find here: <https://launchpad.support.sap.com/#/notes/52505>

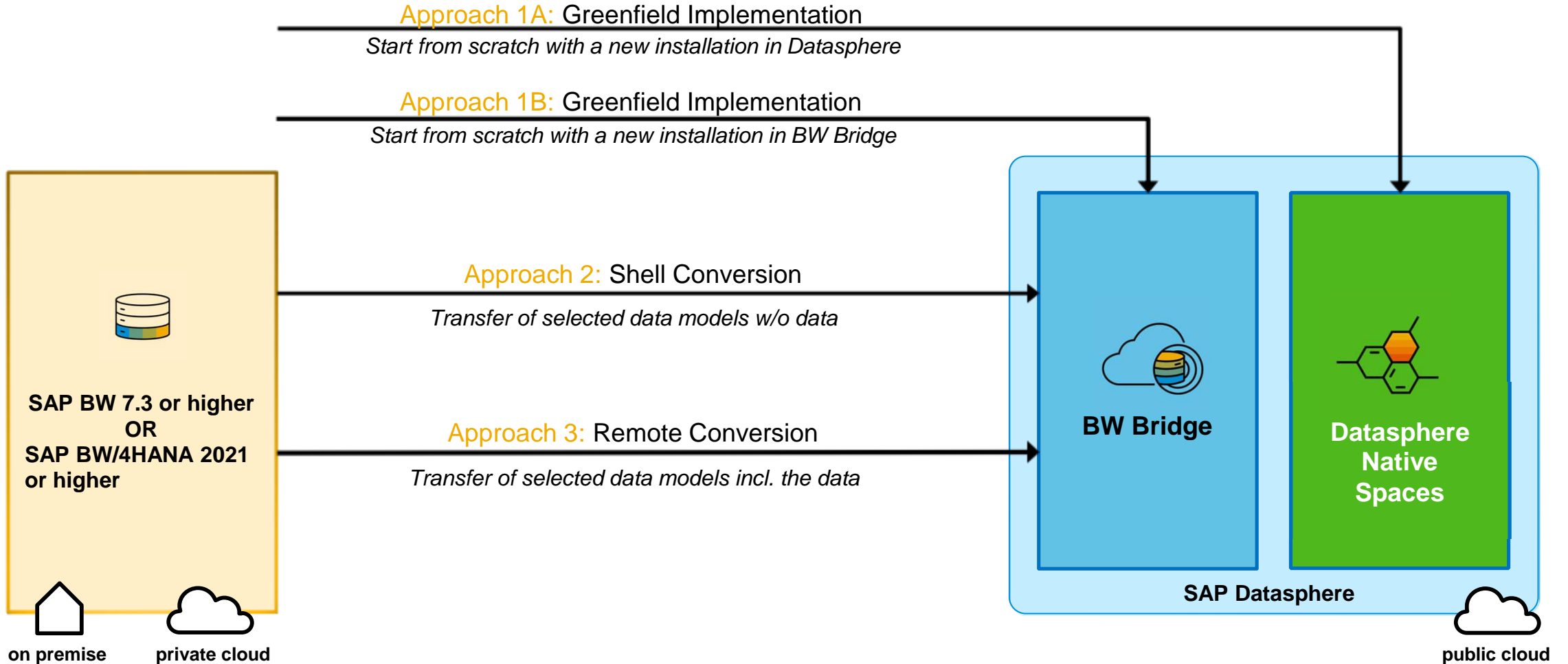
Product/Solution	Version	EOM date	Next release
SAP NetWeaver BW (< SAP BW 7.5)	NetWeaver 7.0x , 7.3 , 7.31 and 7.40	31/12/2020	BW 7.5
	Netweaver 7.5 (Mainstream)	31/12/2027	None
SAP NetWeaver BW 7.5	Netweaver 7.5 (Extended)	31/12/2030	None
	SAP BW ACCELERATOR 7.2	31/12/2027	None
SAP BPC for Netweaver	SAP SBOP PC 10.1 FOR SAP NW	31/12/2027	None
SAP BPC FOR SAP BW/4HANA	SAP BPC 11.0	31/12/2021	SAP BPC 11.1
	SAP BPC 11.1	31/12/2024	SAP BPC 2021
	SAP BPC 2021	31/12/2027	Next innovation release
SAP BW/4HANA Support until at least 2040 as per maintenance strategy update . Major releases (versions) planned, extending maintenance as per SAP policy (see roadmap)	SAP BW/4HANA 1.0	31/12/2021	SAP BW/4HANA 2.0
	SAP BW/4HANA 2.0	31/12/2024	SAP BW/4HANA 2021
	SAP BW/4HANA 2021	31/12/2027	SAP BW/4HANA 2023
	SAP BW/4HANA 2023	31/12/2030	Next Innovation release

Learn how Existing On-premise BW Customers can Transition to Datasphere

Conversion Option to Datasphere



Conversion paths to SAP Datasphere



SAP BW/4HANA Conversion

SAP BW/4HANA



SAP BW

In-Place Conversion

- Full system conversion of an existing SAP BW installation (keep same SID)
- Step-by-step in-place transfer of classic objects into their HANA-optimized counterparts
- Followed by a system conversion to SAP BW/4HANA
- Minimum start release:
SAP BW 7.5 SP 5 powered by SAP HANA



SAP BW

SAP BW/4HANA

Remote Conversion

- Start with SAP BW/4HANA as green field installation (new SID)
- Support of carve-out and consolidation scenarios
- Transport data models and remote data transfer (including Unicode conversion)
- Risk mitigation due to parallel system
- Minimum start release:
SAP BW 7.3 or higher on any DB *



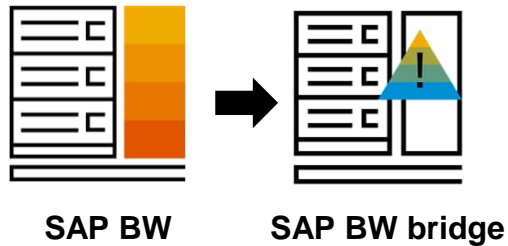
SAP BW

SAP BW/4HANA

Shell Conversion

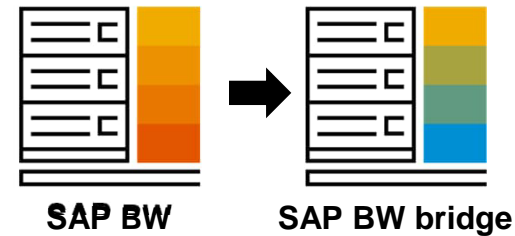
- Similar to Remote Conversion but *without data transfer*
- Accelerate greenfield approach by transferring and converting data models and flows
- Minimum start release: SAP BW 7.0 or higher on any DB *

SAP Datasphere, SAP BW Bridge. Conversion Overview



Shell Conversion

- A provisioned SAP Datasphere, SAP BW bridge is needed
- The Transfer Cockpit can be used to transfer selected data models without data into an SAP BW bridge tenant
- Support of carve-out and system consolidation scenarios
- Accelerate greenfield approach by transferring and converting data models and flows
- Minimum start release:
SAP BW 7.30 to 7.50 running on SAP HANA or Any-DB,
and SAP BW/4HANA 2021 or SAP BW/4HANA 2023



Remote Conversion

- A provisioned SAP Datasphere, SAP BW bridge is needed
- The Transfer Cockpit can be used to transfer selected data models into an SAP BW bridge tenant and to perform a remote data transfer into that tenant
- Support of carve-out and consolidation scenarios
- Transport data models and remote data transfer
- Risk mitigation due to parallel system
- Minimum start release:
SAP BW 7.30 to 7.50 running on SAP HANA or Any-DB,
and SAP BW/4HANA 2021 or SA BW/4HANA 203

Conversion Paths to SAP Datasphere, SAP BW Bridge



SAP BW

BEx Analyzer, BEx Web Templates, BEx Tools

BW Query (BEx Query Designer)

Classic Object Types (InfoCube, DSO, MultiProvider, InfoSet, ...)

Object Type InfoObject

Loading Object Types (Transformation, DTP, Process Chain)

SAPGUI Modeling & Workbench

Source System ERP Extractors (S-API), BW

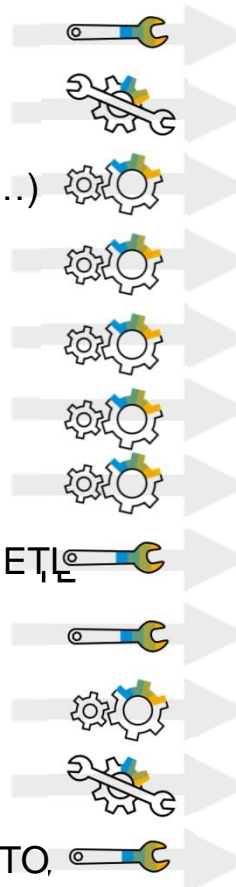
Source System types UD/DB Connect, Data Services, Partner ETL

Source Systems types HANA, File

PSA / InfoPackages

BI Content Packages

Near-line Storage Partner Solutions, Near-line Storage SAP, DTO,



**SAP Datasphere,
SAP BW Bridge**

SAP Analytics Cloud

Model Transfer

DataStore Object (adv.) & CompositeProvider

InfoObject

Transformation, DTP, BW Bridge Process Chain

Eclipse based BW Modelling Tools & BW Bridge Cockpit (UI5)

Consolidation to ODP

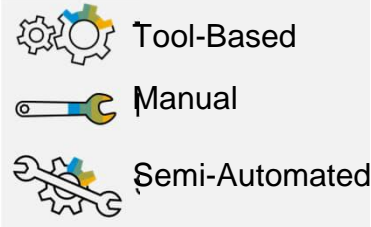
Consolidation to SAP Datasphere

Consolidation to SAP Datasphere

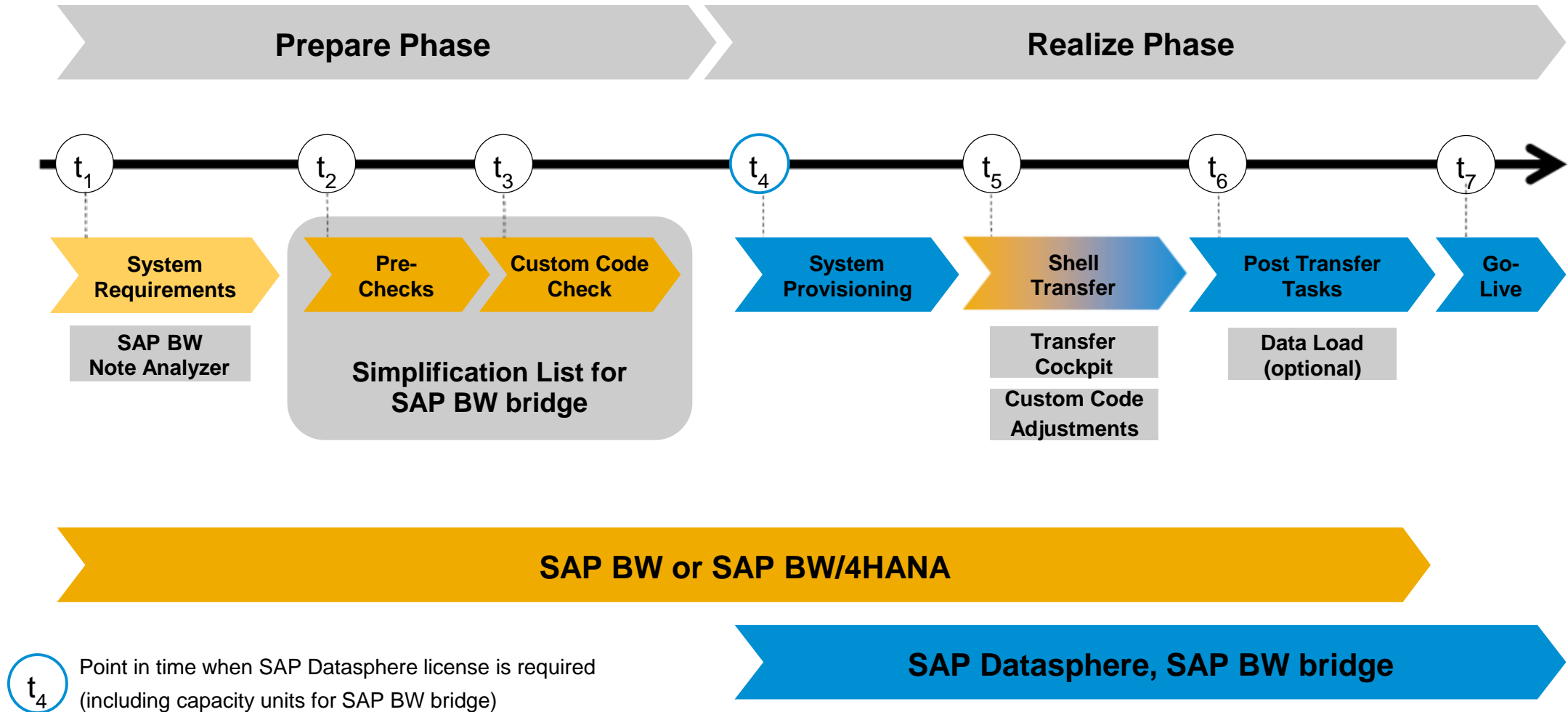
Operational Delta Queue, field-based DataStore Object (adv.)

SAP BW bridge Content

New Cold Store planned

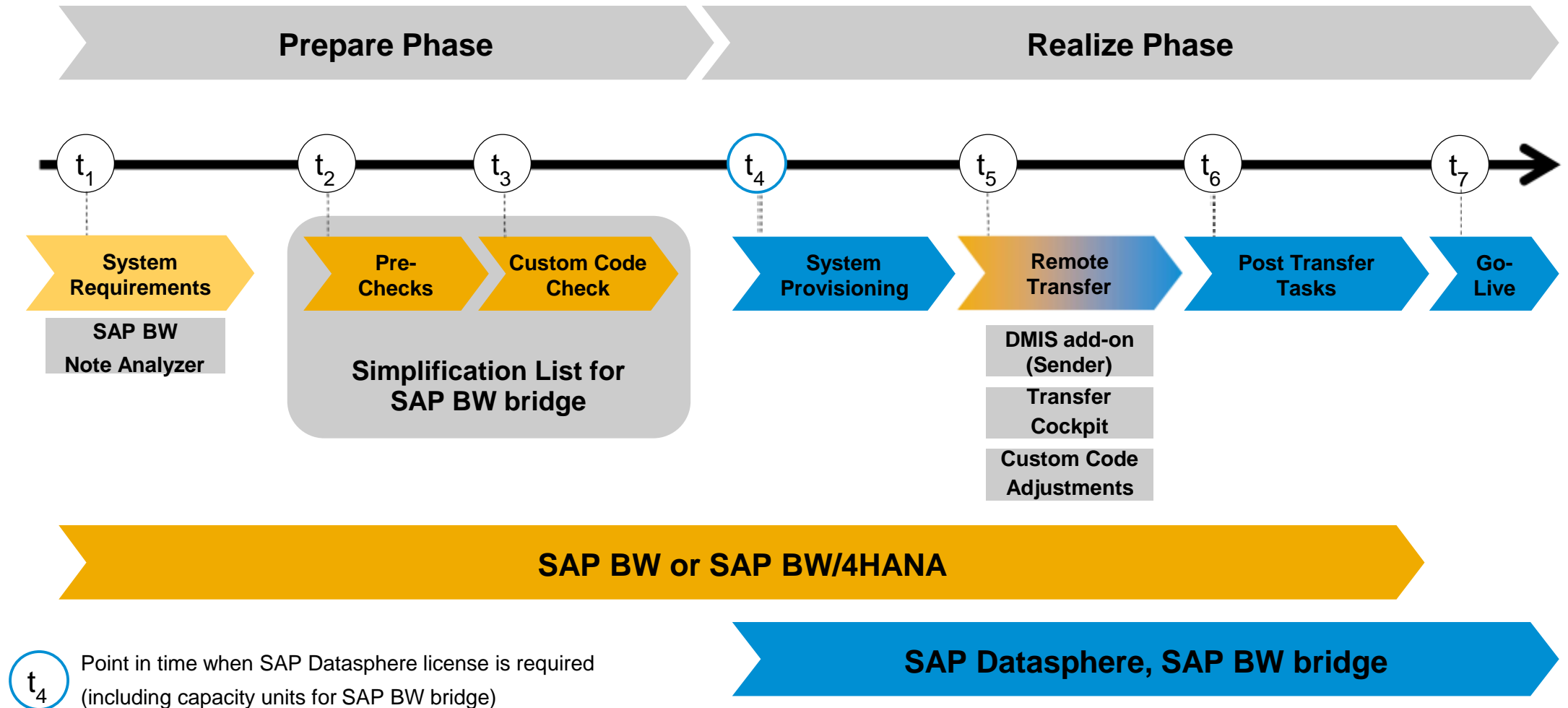


SAP BW bridge: Shell Conversion Basic Sequence



[Conversion Guide for SAP Datasphere, BW bridge](#)

SAP BW bridge: Remote Conversion Basic Sequence



SAP MaxAttention Services



Enablement service for SAP Datasphere

Turning data into business value

- ▶ This service helps our customers to prepare themselves for a successful deployment of SAP Datasphere. It provides knowledge transfer on key product capabilities and implementation topics including architecture, integration, lifecycle management and deployment best practices.

Business needs



- Understanding the core components of the SAP Datasphere, **leveraging SAP Business Technology Platform (BTP)** as a foundation for both hybrid and fully cloud-based data and analytics deployment scenarios.
- Support project team members with required knowledge on project preparation and deployment guidance
- Enable a successful SAP Datasphere adoption
 - Understanding architecture and application integration
 - Data preparation, modelling and consumption decisions
 - Lifecycle management and security design support
 - Understanding available SAP Datasphere Business Content to accelerate SAP Datasphere adoption through business and technical best practices
 - Understanding next steps and future engagement model



Delivery approach and scope

- Starting with remote preparation, followed by the three (3) workshop days with remote post-workshop support

Value and benefits



- Boosting your project planning (e.g. stakeholder identification, precise prioritization and strategic preparation)
- Understanding the big picture of SAP Datasphere and gaining adoption confidence
- Anticipate and mitigate potential project showstoppers and complications
- Understanding next steps and future engagement model

Conversion advisory service for SAP Datasphere

- This service guides our customers to the most suitable approach for moving to a fully managed cloud service, SAP Datasphere. Based on tool-supported system analysis and workshop discussions, a customer-specific transformation path will be identified.

Business needs

- Overview of SAP Datasphere
- A unified approach to connect and collect data across existing cloud- and on-premise deployments
- Innovation of data warehousing capabilities while protecting investments in SAP Business Warehouse
- Customer specific recommendation how to move to SAP Datasphere
- Get ready for enabling the Intelligent Enterprise, powered by the **SAP Business Technology Platform (BTP)** as a foundation for both hybrid and fully cloud-based data and analytics scenarios
- Simplification of the data warehousing platform and moving to cloud architecture
- Explanation of the possible transformation paths to SAP Datasphere
- Impact analysis for the customers currently using SAP BW or SAP BW/4HANA

Delivery approach and scope

- Enablement on available transformation paths to SAP Datasphere
- Workshop to assess the customer's landscape, business needs and improvement potential
- Tool-supported system analysis and report outcome to define customer's transformation case
- Present a customer specific transformation path to SAP Datasphere
- **Optional:** High level effort estimation or recommendation for complementary services.

Value and benefits

- Understanding of the possible transformation paths to move to SAP Datasphere
- Building the foundation for trusted insights you need to decide with confidence and integrity
- Identifying the next step on the journey to the Intelligent Enterprise
- Plannable ROI while transitioning to SAP Datasphere



Example – Conversion Advisory Findings. Data Warehousing

Object	Object Attributes	Active Objects	Recently Used Objects	Transfer Type	Restrictions	Target Object Type	SAP Note
Data Store Object (Advanced)	Total	67	34	Tool-Based	Planning, cold Store and DTO Handling are not supported	ADSO	2487023
Data Store Object (Advanced)	Planning-Enabled ADSOs	10	7	Manual	Planning Features in Datasphere roadmap	SAC/Datasphere Planning	3117800
Data Store Object (Advanced)	ADSOs w/ External HANA View	5	2	Manual	Converted into standard ADSO (no external HANA Views)	Native Datasphere	3117800
Data Store Object	Total	180	19	Tool-Based		ADSO	2451013
Data Store Object	Standard DSO	135	15	Tool-Based		ADSO	2451013
Data Store Object	Write-Optimized DSO	12	4	Tool-Based		ADSO	2451013
Data Store Object	Direct-Update DSO	33	0	Tool-Based		ADSO	2451013
Data Store Object	Planning-Enabled DSOs	20	0	Manual		Native Datasphere	2451013
InfoCube	Total	915	72	Tool-Based		ADSO	2443489
InfoCube	Planning-Enabled	676	14	Tool-Based	Converted into standard ADSO (no planning)	ADSO	3117800
InfoObjects	MATN1	3	-1	Tool-Based		InfoObject	2635167

Jump Start Service



This service helps our customers realize a first functioning prototype in the area of analytics and data management. The key focus is to “learn from experience” while realizing a functioning prototype with a highly restricted scope in a sandbox environment for on premise, cloud, or hybrid environments under the guidance of SAP experts

Business needs



- Deep understanding of new SAP solutions for analytics and data management in the customer’s business context
- Insight in an end to end scenario for a restricted scope with a key focus on “learning by doing”
- Guided start into applying the latest SAP solutions for analytics and data management
- Reduction of installation and configuration time and effort with support from SAP experts

Delivery approach and scope



- The service typically includes the following workshops:
 - A design workshop to define the business context and prepare a prototype design or mockup
 - A validation workshop to check the feasibility of the design or mockup and plan the prototype build
 - Realization of the prototype by a combination of customer resources and on site and off site SAP resources
 - Hand over session to present the prototype and outcomes to customer stakeholders

Note that:

- Prototypes are created for learning purposes only. Actual deployment or reuse is out of scope
- Product licenses or cloud subscriptions are out of scope



Value and benefits

- Functioning prototype to accelerate adoption of new solutions by internal stakeholders or other audiences
- Proven approach for reduced implementation complexity and accelerating ROI
- Understanding of relevant aspects for a future implementation to facilitate better planning and mitigation of risks

Q & A



Thank You

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Principal Services Architect, Customer Success, SAP
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Any Questions?

Closing Remarks

Datasphere



- Data suite in cloud
- Data Mesh, Integration
- BW Bridge and Space
- SAC compliments with Insight and Planning.

AI ML

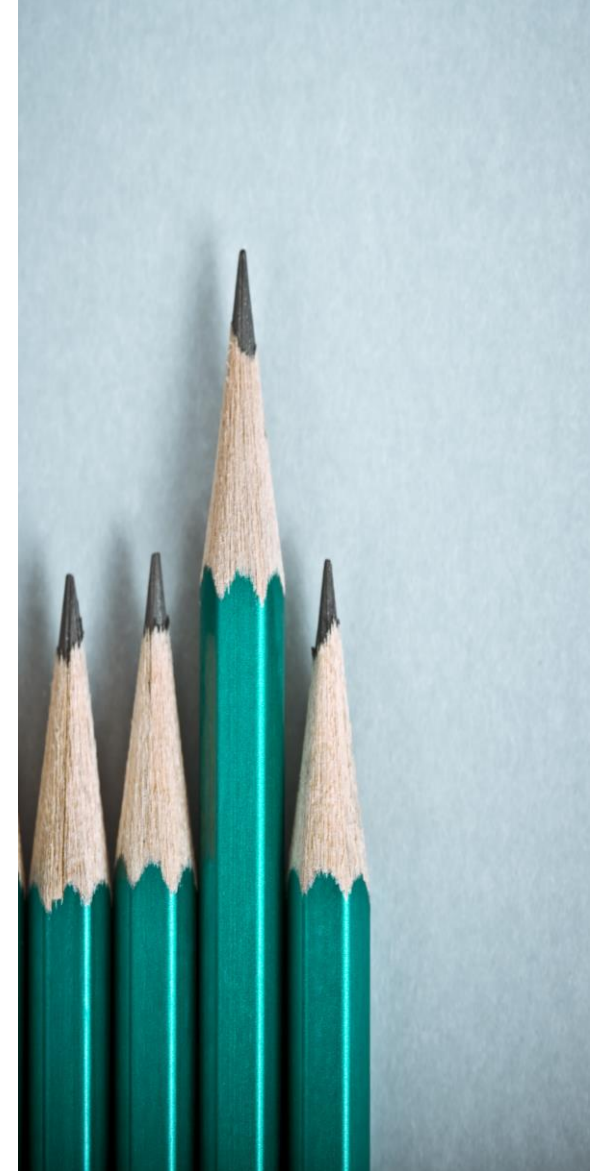


- Data beyond Analytics
- Datasphere harness data for AI / ML
- SAP AI Portfolio
- AI Strategy and tools helps to unleash the Data

Maxattention



- Service Portfolio for Data and Analytics
- Safeguarding, innovation, exploration services
- Tools, services, optimization services
- Deep and in-depth services by trusted experts



Unleash the Power of Business Data – With SAP Maxattention Services



Thank you.