

SAP Datasphere

Torsten Ammon, Head of SAP Datasphere
May 2023

Public

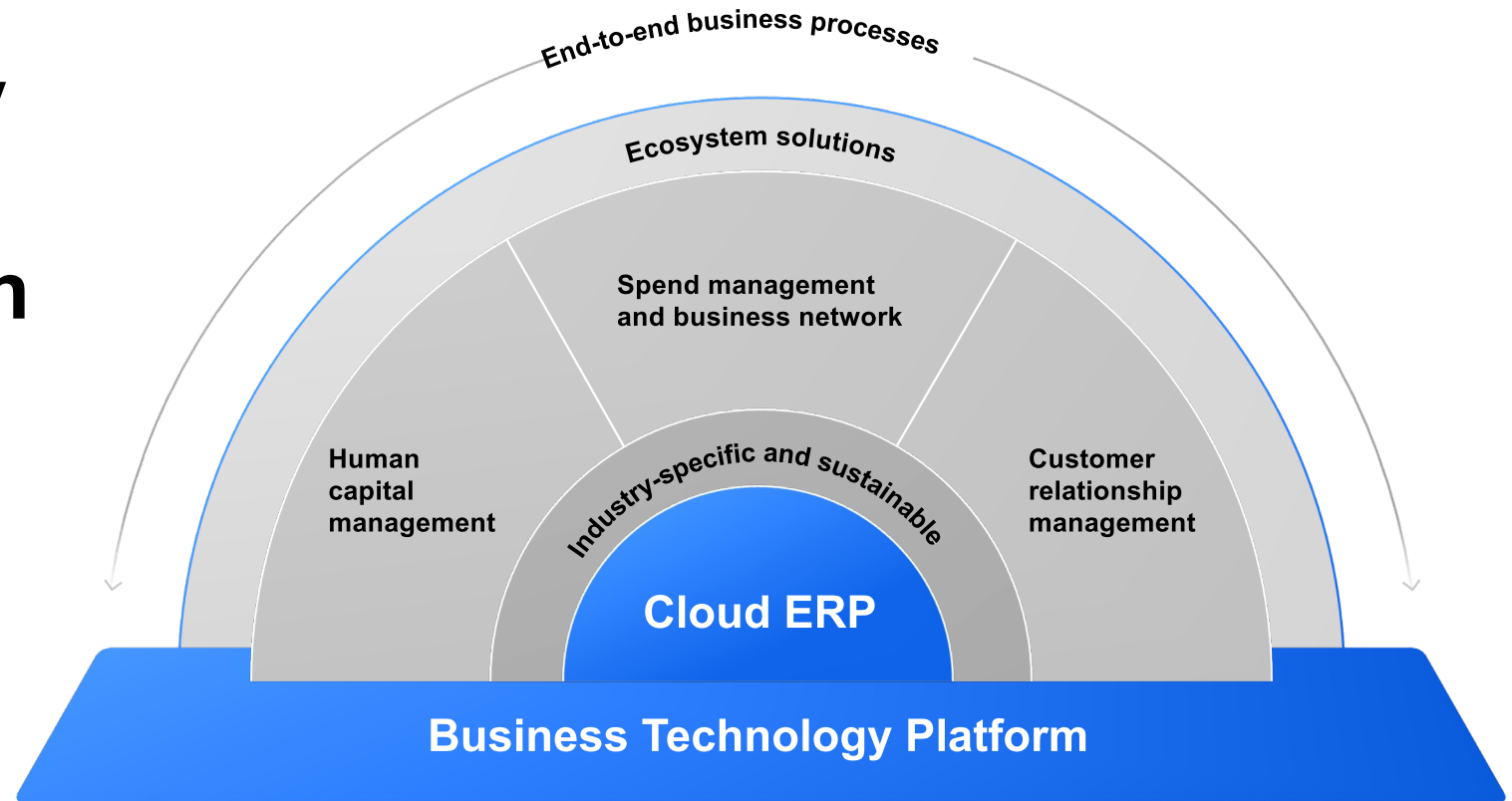


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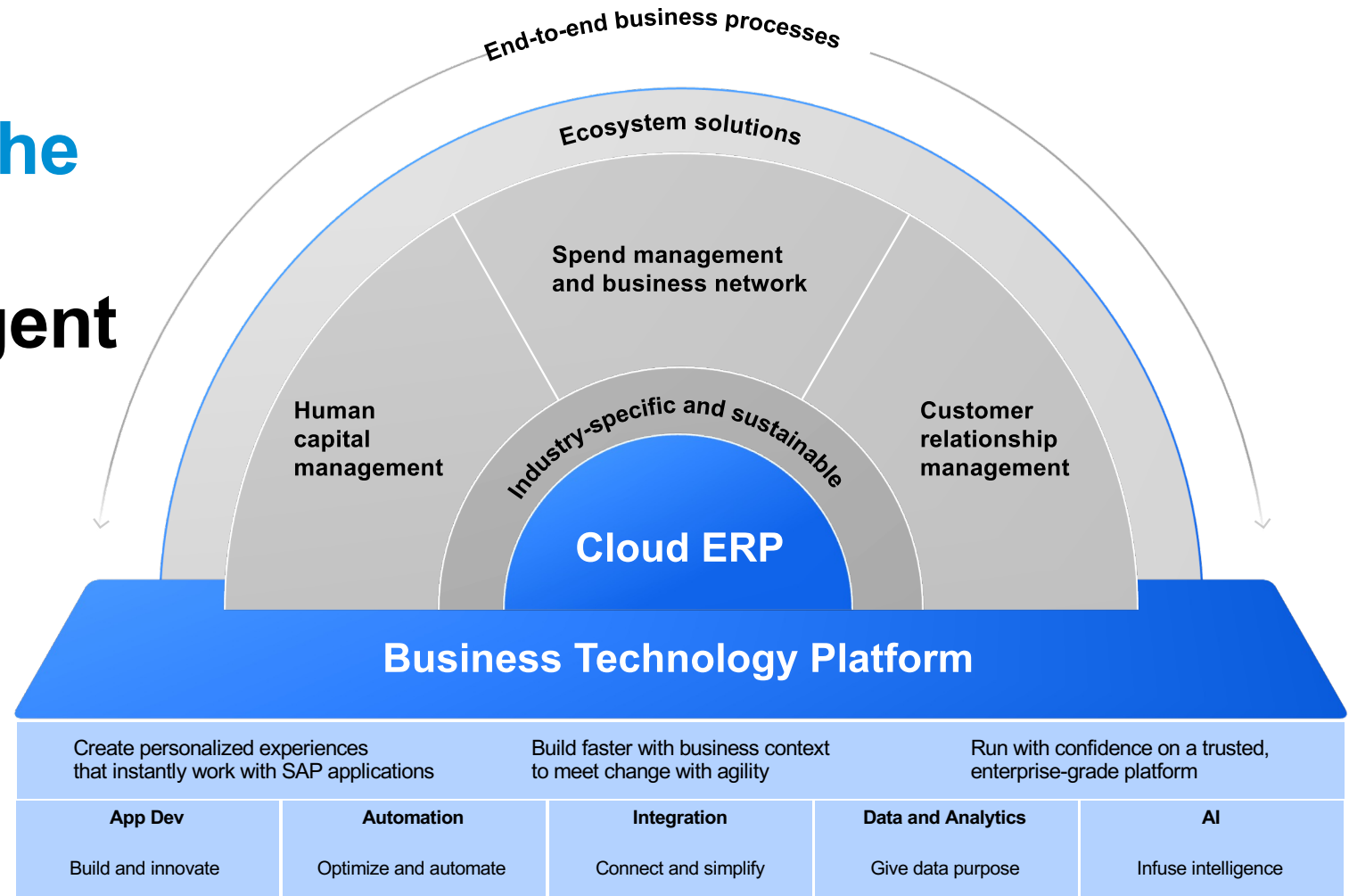
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Enable every enterprise to become an intelligent, sustainable enterprise



SAP BTP is the foundation of the Intelligent Sustainable Enterprise



SAP Business Technology Platform Capabilities

Secure & compliant
Open & flexible
Unified & simple

Broad ecosystem
Enterprise-grade & scalable
Business-centric

Business Technology Platform

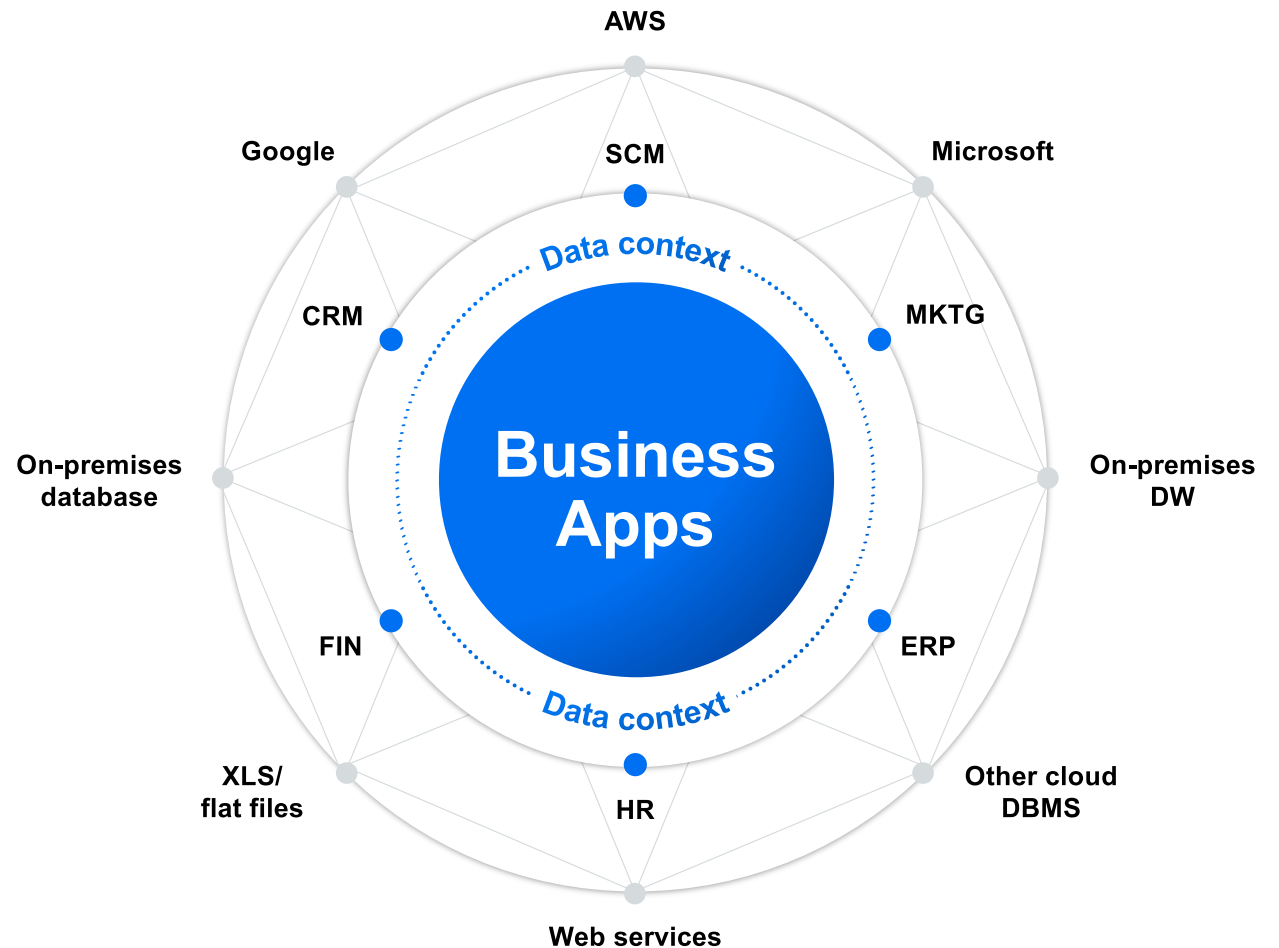
App Dev	Automation	Integration	Data and Analytics	AI
→ Visual Low-Code / No-Code experience	→ Workflow Management	→ Process integration	→ Database	→ Pre-built business AI models
→ Code-first tooling	→ Robotic Process Automation	→ API led integration	→ Data management	→ MLOps
→ Digital experience	→ Process monitoring & analytics	→ Event based integration	→ Data warehouse	→ Chatbots
→ DevOps	→ Automated document processing	→ Data integration	→ Analytics & planning	→ Responsible AI

(Multi-) cloud brings new opportunities and challenges

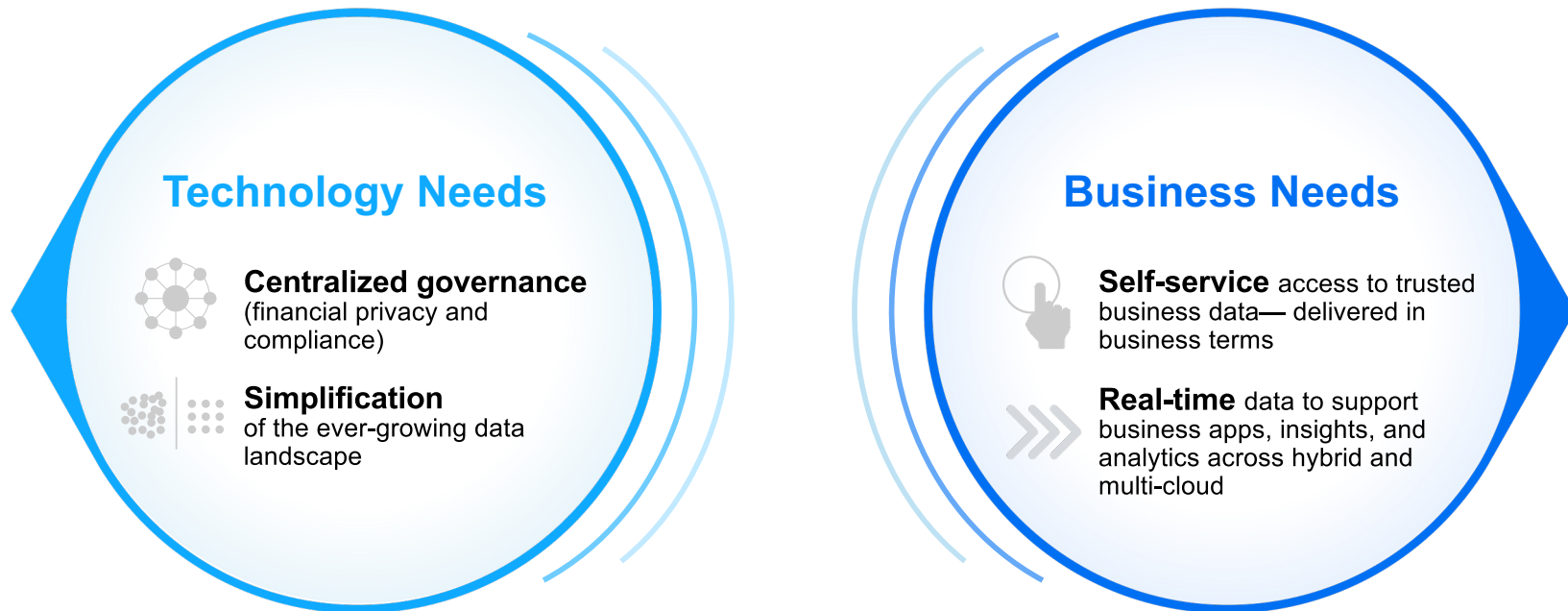
New data sets spawn new projects

On-premises sources remain

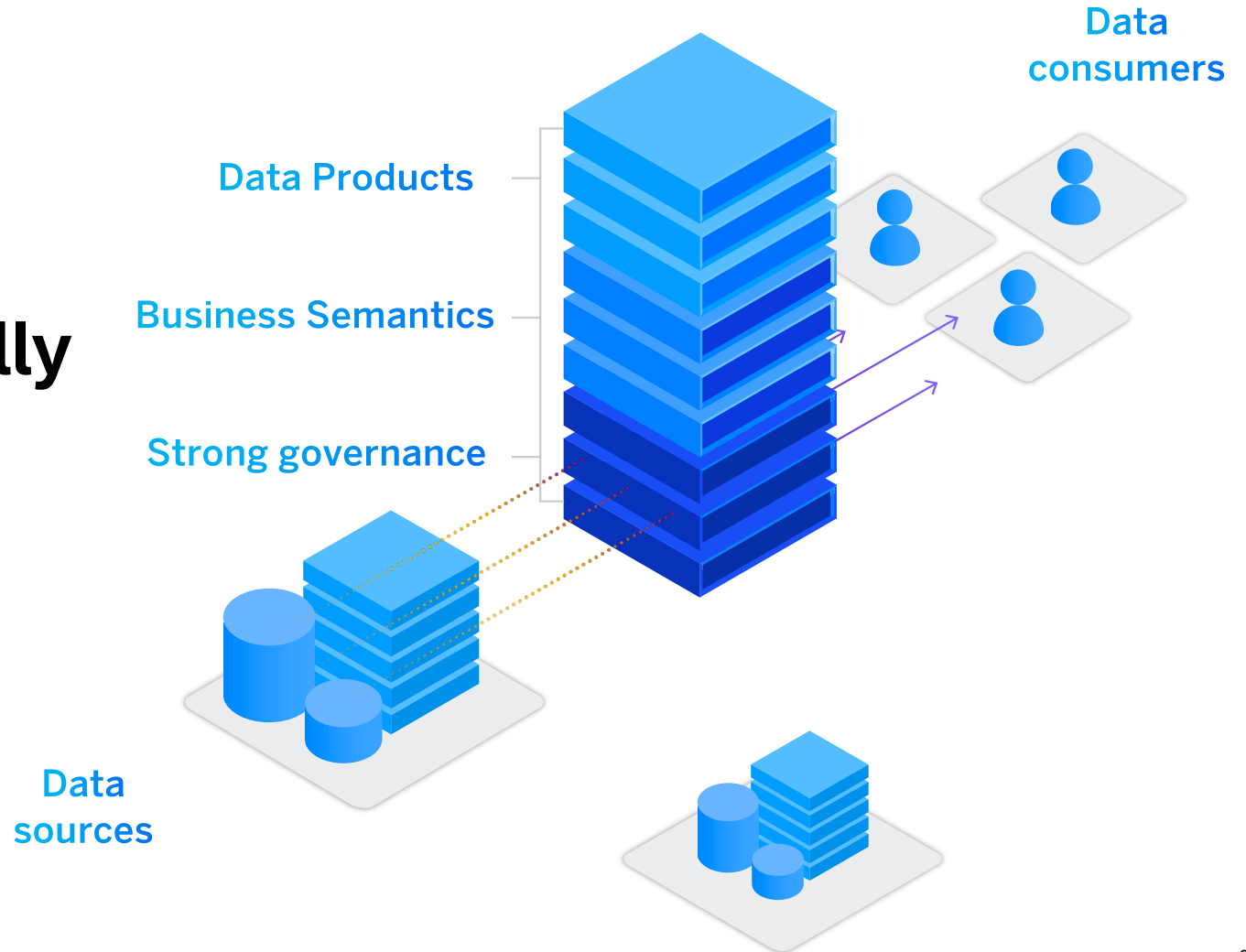
Complexity has increased, shifting governance and integration work back to customers



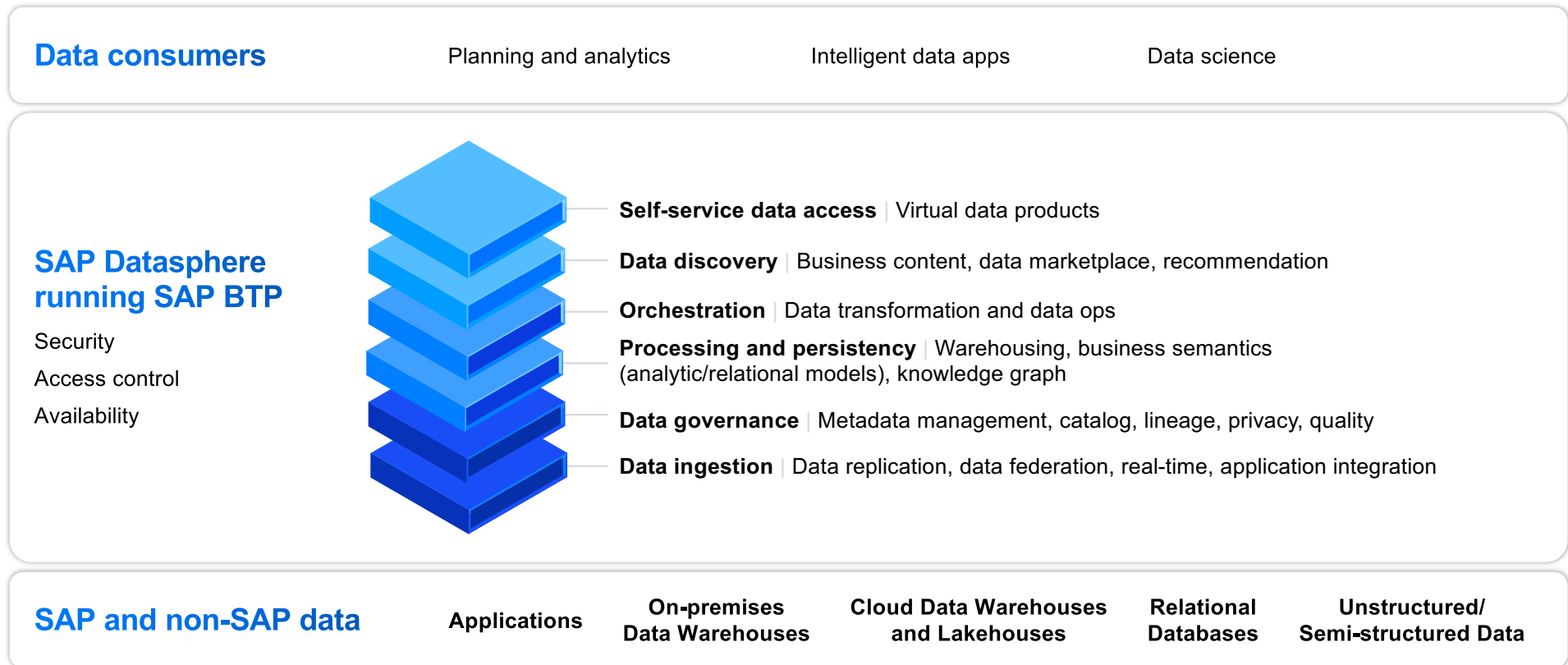
Universal yet opposing data needs for business and technology stakeholders



A business data fabric radically simplifies your data landscape



SAP Datasphere is the foundation for a business data fabric architecture



Together with our open data partners

SAP Datasphere
embracing openness



 **databricks**

Databricks delivers a Data Lakehouse platform, based on Apache Spark, and Delta Lake that brings reliability to data lakes for machine learning and other data science use cases.

 **CONFLUENT**

Confluent delivers the leading cloud-native service for connecting and processing real-time data with a fully-managed Apache Kafka environment.

 **Collibra**

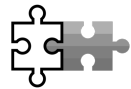
Collibra delivers the best-of-breed data intelligence cloud platform that tightly integrates data catalog, governance, lineage, quality, and privacy capabilities.

DataRobot

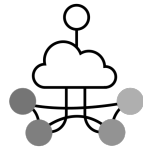
DataRobot empowers organizations to leverage augmented intelligence with automated machine learning.

Evolving SAP Data Warehouse Cloud towards a **business data fabric**

Existing SAP Data Warehouse Cloud customers got **automatically moved** to SAP Datasphere and benefit from the new functionality



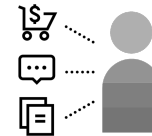
SAP Connectivity
Connecting SAP sources
with business context



Openness
Multi-cloud support &
open interfaces



**Modern Data
Exchange**
SAP Data Marketplace



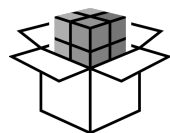
**Self-Service
Collaboration**
Business user modeling
& Space concept



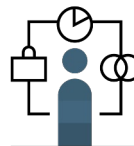
**E2E Analytics &
Planning**
SAP Analytics Cloud
Integration



**Investment Re-Use
& Extension**
SAP BW Bridge



**Out-of-the-Box
Use Cases**
Business Content by
SAP & Partners



**Cloud-based Data
Replication**
Replication Flow

NEW



**Efficient Semantic
Modeling**
Analytic Model

NEW



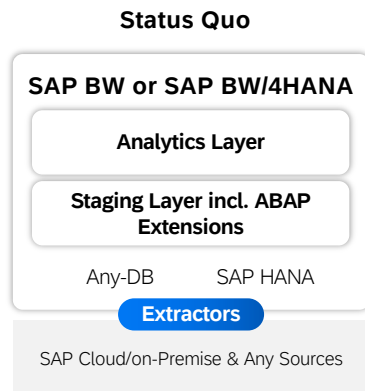
Data Governance
Catalog

NEW

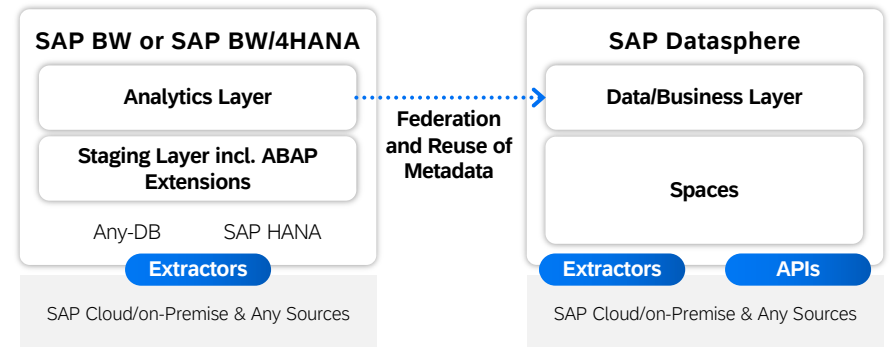
Simplify The Data Landscape

Hybrid.

Combining SAP BW or SAP BW/4HANA with SAP Data Warehouse Cloud



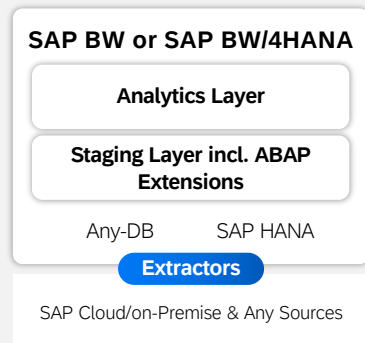
To be Architecture



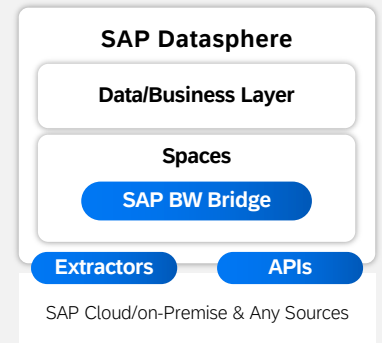
Switch/move from Hybrid to SAP Datasphere with SAP BW bridge

SAP BW bridge.

Replace parts of SAP BW or SAP BW/4HANA with SAP Data Warehouse Cloud



Move
Tool-supported conversion including data



Integrated Data & Analytics Portfolio to realize our vision

Planning & Analytics

Extended Planning and Analytics

Provides an optimized, vertically integrated consumption layer for customers, LoBs, partners

SAP Analytics Cloud

Data Mgmt. & Data Warehouse

Business Data Fabric

Harmonizes access to SAP data (incl. business context) with the ability to feed in external data

SAP Datasphere

Operational Databases

Intelligent Data Applications

Build apps leveraging analytical capabilities (ML, graph, spatial) of data tier combining historical & real-time data
Supported by BTP Services (e.g. pro / no-code app, development tools)

SAP HANA Cloud

SAP Datasphere: Analytic Model



Rich semantic modeling



Instant Preview



Full integration w/ SAC

SAP Datasphere

Home

Repository Explorer

Catalog

Apps

- Data Marketplace
- Business Builder
- Data Builder
- Data Access Controls
- Data Integration Monitor
- Connections

Space Management

System Monitor

Content Network

Security

Transport

Data Sharing Cockpit

Unleash the power of business data

SAP Data Warehouse Cloud Is Now SAP Datasphere!

Learn More

Welcome to SAP Datasphere

With SAP Datasphere, you'll find the right tools that combine powerful data management capabilities with the broadest, advanced analytics, helping you make confident decisions - all in one, all in the cloud.

Here's how to get started in two steps:

- Create and manage spaces for your team to work in.
[Create Spaces](#) [Learn More](#)
- Integrate on-premise or cloud sources with the Data Builder.
[Build Data](#) [Learn More](#)

Show Less

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SAP Datasphere Resources

SAP Datasphere - Q&A and Partnerships
Peter Baumann | 29 hours ago

11:11
13/03/2023

Replication Flow Enables **Mass Data Replication**



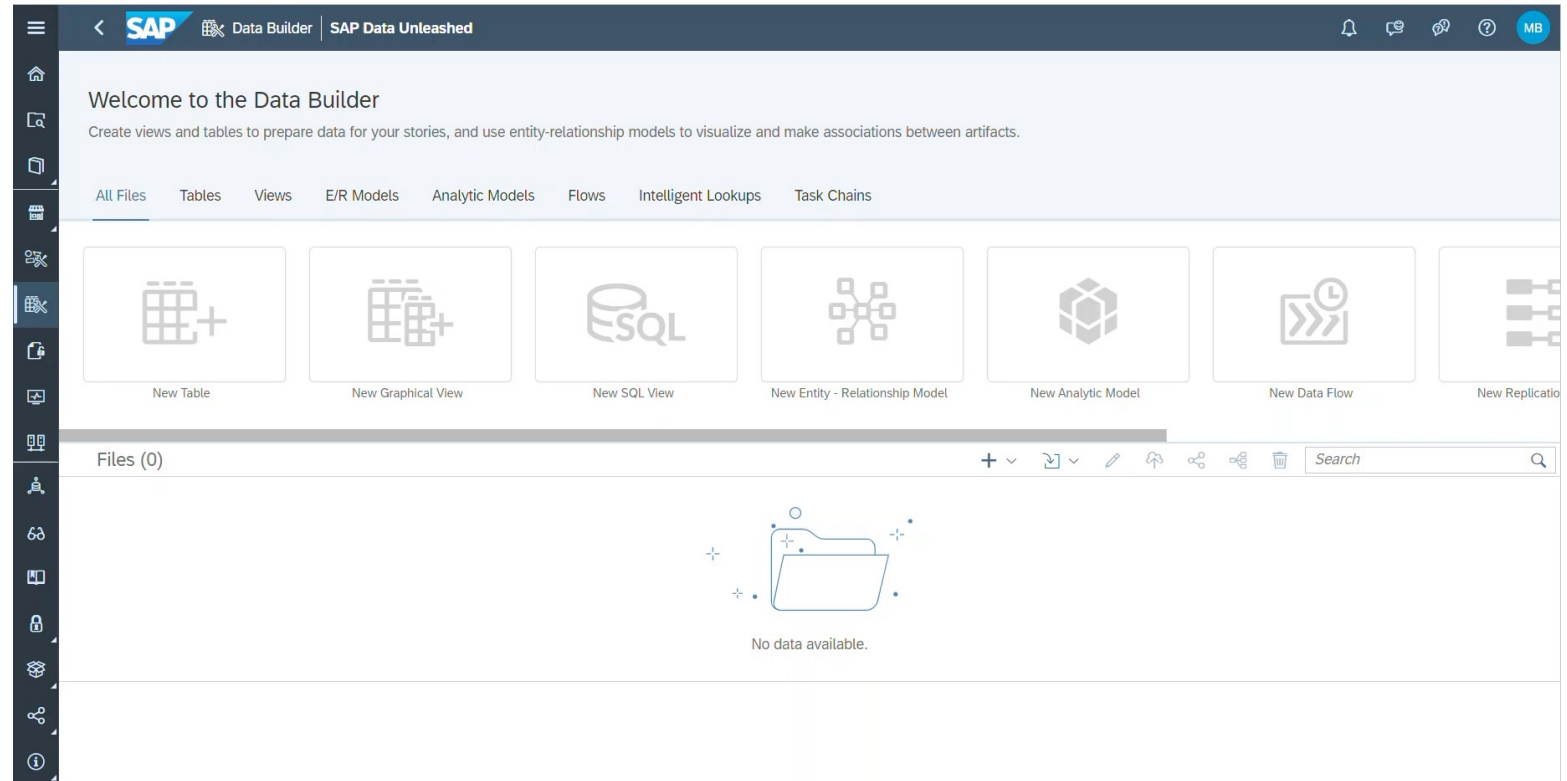
Mass Data Replication



Integrated Monitoring



Capture Changes



Replication Flows offer a cloud-based replication tool in which for cloud-to-cloud based replication scenarios on premise components are not needed anymore (e.g. Data Provisioning Agent)

Catalog enables governance



Discover



Organize



Curate


The screenshot displays the SAP Catalog user interface. At the top, a header reads "Welcome to the Catalog" with the subtitle "Discover data and create glossaries, tags, and relationships to further define your data." Below this is a search bar with a dropdown menu set to "All" and a search input field. A navigation bar below the search bar includes tabs for "All", "Catalog Assets", "Terms", "Favorites", and "Recent". The main content area shows a grid of search results for 6533 items. Each result card includes a checkbox, a term name, its category, and a star icon for favorites. The results are organized into four columns and three rows. The first row contains terms: "i-Kfz", "Accounting Period", "ZFZR vehicles", and "Author". The second row contains tables: "German_Car_Registrations_Q122_K...", "Products", "ProductTexts", and "ProductCategoryTexts". The third row contains views and local tables: "V_PRODUCTS", "V_SALES_ADS", "V_SalesOrderCV", and "Demo Product Hierarchy by Grp". A vertical sidebar on the left contains various navigation icons, and the top right corner shows system status icons and a user profile labeled "MW".

Overview of 2023 Priorities

Key priorities will add crucial capabilities and provide further integrated offering

<p>SAP BW Bridge</p> <p><i>Increased coverage</i></p> <ul style="list-style-type: none"> • Increase coverage of SAP BW, SAP BW/4HANA capabilities. • Support Non-Cumulative Key figures, External Hierarchies, Exit Variables, etc. 	<p>SAP Analytics Cloud</p> <p><i>Seamless integration</i></p> <ul style="list-style-type: none"> • Further extension towards a seamless planning experience with SAP Analytics Cloud • Deepened model integration • Data Analyzer 	<p>Space Dependent Permissions</p> <p><i>More flexibility</i></p> <ul style="list-style-type: none"> • Granular assignment of permissions per space • Grouping of users and spaces • Automatic assignment based on SAML attributes and SCIM API 	<p>Modeling</p> <p><i>Expanded capabilities</i></p> <ul style="list-style-type: none"> • Multi-Fact modeling and stacking support on the Analytic Model • New modeling features (e.g., folder support, external hierarchies, fiscal year)
<p>Data Integration</p> <p><i>Increased data reach</i></p> <ul style="list-style-type: none"> • Advanced data transformation • Coverage of additional DI use-cases and operators • Additional data sources and targets for Replication Flows 	<p>Elasticity Concept</p> <p><i>React to usage</i></p> <ul style="list-style-type: none"> • On demand compute during peak consumption scenarios • Improved baseline sizing and TCO optimization 	<p>Discover and Share</p> <p><i>Collaborate on data</i></p> <ul style="list-style-type: none"> • Catalog and Data Crawling • Data product exchange within and between organizations 	<p>Life-Cycle Management</p> <p><i>No disruption</i></p> <ul style="list-style-type: none"> • Delivery package management • Content protection based on namespace • Content management CI/CD

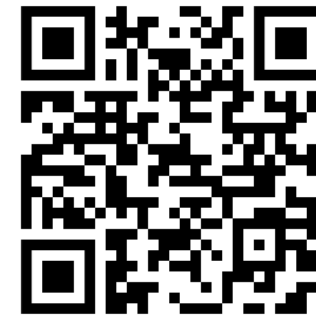
Get started with SAP Datasphere



openSAP
open.sap.com

THE BEST RUN **SAP**

4 Weeks Course | Start: May 24th 2023 | Announcement: April 18th 2023



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SAP Discovery
Center

Thank you.

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