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Experience the Human-Centered Enterprise

March 2024

SAP BTP Champions Days

SAP Datasphere – Why and why now!

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Our Mission

Navigating innovation with SAP, we employ a rare blend of expertise to forge **extraordinary outcomes** and **delightful experiences**.

Our Human-Centered Innovation

- As an SAP AppHaus partner, Mindset is not only an expert in SAP S/4HANA & SAP BTP. We also bring a **human-centric approach** that customers and users love!

- We hit the ground running with recognized experience in **our Human Centered Apphaus Approach** and technical **SAP BTP Expertise**.

Mindset's Proven SAP BTP Value Proposition

Our process to leveraging SAP BTP for S/4HANA creates a **sweet spot for innovation**.

Proven BTP Approach
Three-step process with a track record of business transformation

Human-Centered Innovation
From SAP's only US-based AppHaus partner

At the sweet spot, **faster adoption** and **increased consumption**

Fully Scaled BTP Practice
A winning team with the right roles to make it happen

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Mindset's SAP BTP Focus Areas

Extend

Extend your core using
SAP BTP services

Integrate

Integrate with 3rd party
systems in real-time

Analyze

Real-Time Analytics in your
data visualization layer of choice

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Mindset's Proven SAP BTP Approach

Our three-step approach to leveraging SAP BTP for S/4HANA & more leads to **real business transformation.**

03

Business transformation

Realizing the power of BTP, then taking it to the next level

02

Prove it works and scales

Turning technical areas/ use cases into solutions that delight business users

01

Enable the platform & people

Introducing what BTP is & its benefits, setting up for long-term success

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Our Fully Scaled BTP Practice

We have **integrated, dedicated resources** across a wide range of expertise to deliver tailored business value for SAP S/4HANA with BTP.

Sales

16

People
in region

Presales

14

People
in region

Industry Principals

7

Experts

10

Industries

Consulting Resources

225 + 75

Onshore   Offshore

Customer Success/CEE

12

In USA

What analytics tools do you use today?

SAP Business Warehouse

SAP BW/4HANA

SAP Business Objects™

SAP® Analytics Cloud

Power BI

+ableau

QlikView

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Datasphere works with...

ALL of them!

Datasphere enables real-time data analytics for your visualization layer of choice!

10

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SAP Datasphere Architecture
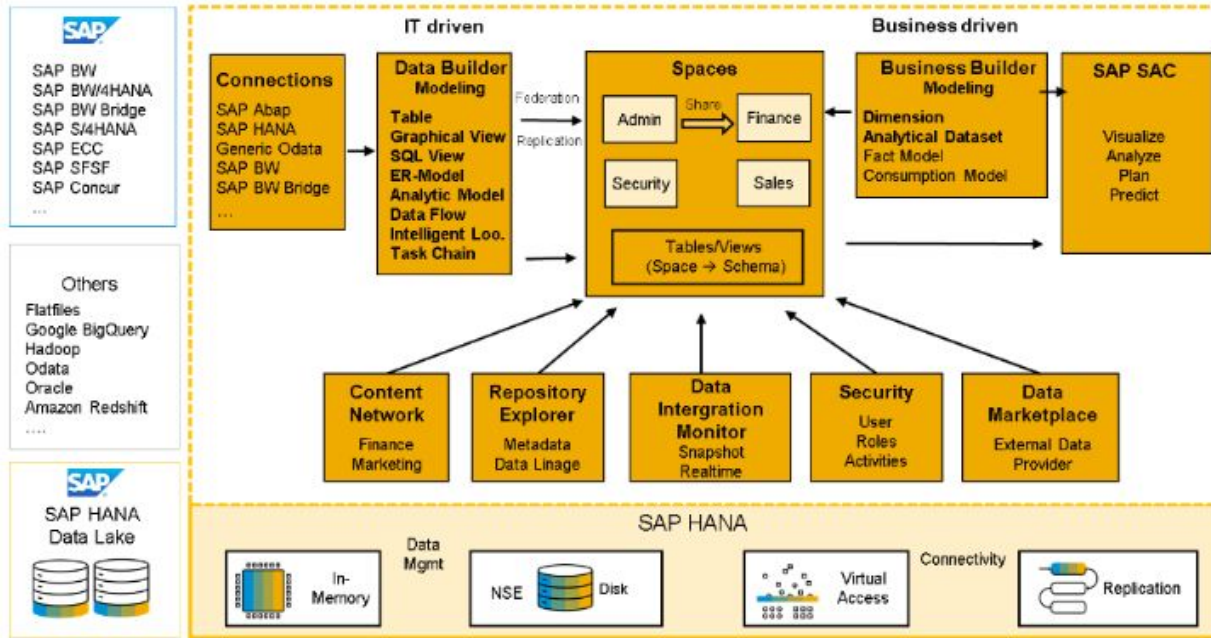
SAP BW Bridge & Datasphere

SAP BW

SAP Datasphere, SAP BW Bridge

Tool-Based
Manual
Semi-Automated

SAP BW		SAP Datasphere, SAP BW Bridge
BEx Analyzer, BEx Web Templates, BEx Tools	→	SAP Analytics Cloud
BW Query (BEx Query Designer)	→	Model Transfer
Classic Object Types (InfoCube, DSO, MultiProvider, InfoSet, …)	→	DataStore Object (adv.) & CompositeProvider
Object Type InfoObject	→	InfoObject
Loading Object Types (Transformation, DTP, Process Chain)	→	Transformation, DTP, BW Bridge Process Chain
SAPGUI Modeling & Workbench	→	Eclipse based BW Modelling Tools & BW Bridge Cockpit (UI5)
Source System ERP Extractors (S-API), BW	→	Consolidation to ODP
Source System types UD/DB Connect, Data Services, Partner ETL	→	Consolidation to SAP Datasphere
Source Systems types HANA, File	→	Consolidation to SAP Datasphere
PSA / InfoPackages	→	Operational Delta Queue, field-based DataStore Object (adv.)
BI Content Packages	→	SAP BW bridge Content
Near-line Storage Partner Solutions, Near-line Storage SAP, DTO	→	New Cold Store planned

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Why Datasphere? The Questions

- How many customers here use SAP as their primary core ERP? (Everyone)

- What other types of environments are people using outside of SAP?

- How many CDS views are extraction enabled and available for datasphere out of the box?

- What open source catalogs of data are you using today? How can you use them together?

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Why Datasphere - From SAP

SAP Datasphere enables a business data fabric

SAP Datasphere - and its open data ecosystem - is the foundation for a business data fabric. It equips any organization to deliver meaningful data to every data consumer — with business context and logic intact.

Simplify the ever-growing data landscape

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

Implement self-service data access to trusted business data

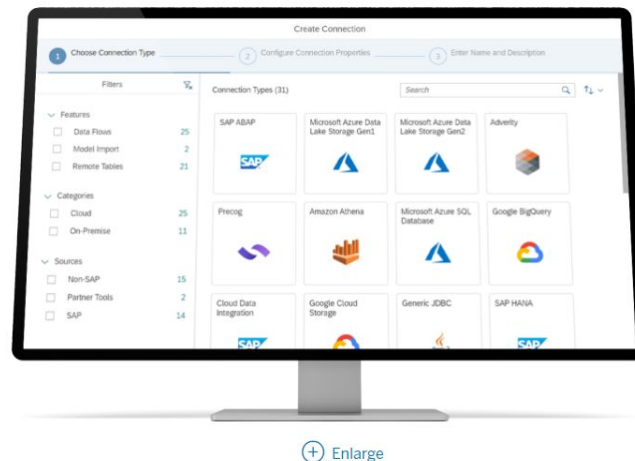Provide governed, self-service access to data products that are described with business-friendly terms.

Facilitate real-time data access to support your business

Support operational applications with insights and analytics across hybrid and multi-cloud.

Accelerate trusted decisions

Deliver centralized governance, privacy, and compliance (data, financial, privacy, compliance) for every data professional, across all data sources.
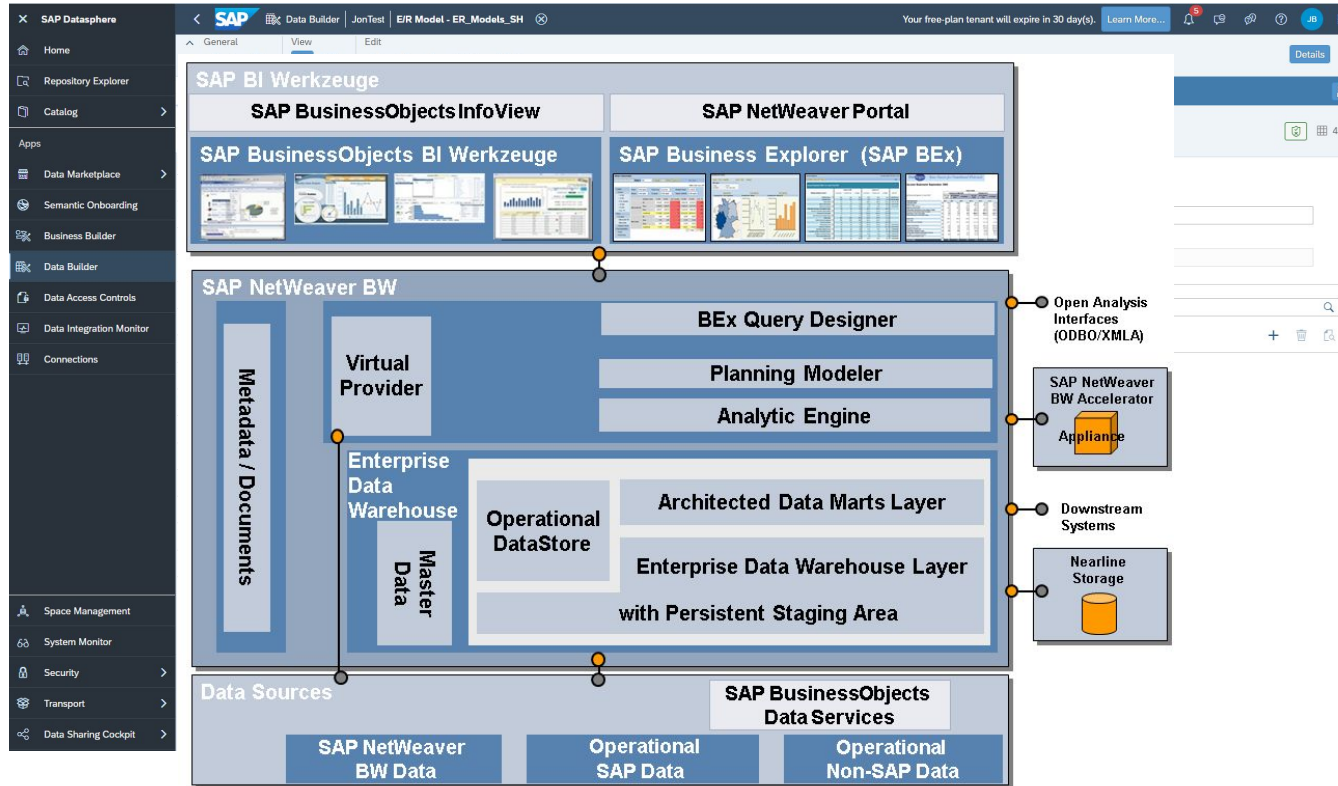
Read the solution brief

⊕ Enlarge

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Why Datasphere? Speed to Value!

Modeling

Why Datasphere? Connectivity

Why Datasphere? Open Data Catalog

Data Unleashed - Knowledge Graph

- Visual Data Relationships in Datasphere

- Spot global data patterns across the organization easily

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Data Unleashed - SAC Compass

- No more SAP BW/BPC loading of data models, simulation data, and waiting hours upon hours to get to the next iteration results. SAC Compass allows you to do this in real-time

- This tool also includes the ability to utilize Joule to ask questions about forecasting models and outputs of the simulations. Without this, it can take hours to dig in and see why a forecast output
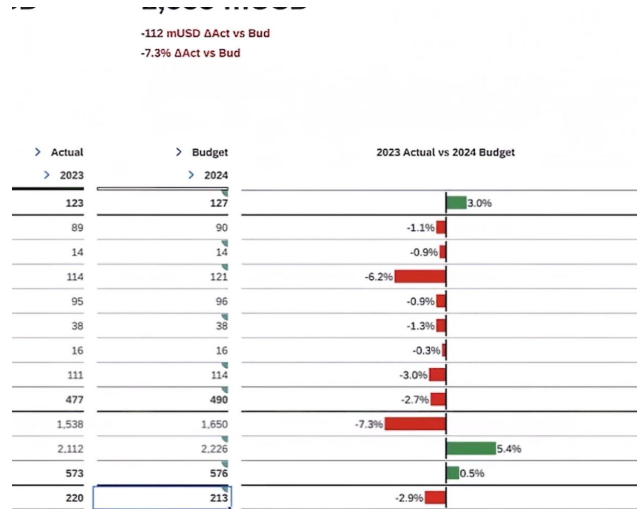
19

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Data Unleashed - Joule

- Everyone's favorite SAP AI assistant will now be available in both Datasphere and SAC.

- Coupled with the Just Ask functionality in SAC

- Joule will be an interesting option when creating models for your business. The ability to ask what contexts, what data objects, and what things are relevant will be something I'd love to try!

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Datasphere - Why NOW!?

- GCP offer of free licensing if using it as a hyperscaler
- Do you extract data out of SAP today to be used in other environments? Snowflake, BigQuery, Synapse, etc…
- SAP BW reporting roadmap? Where are you in your journey and why starting now makes sense
- Open data sources, moving to cloud for data workloads
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Why Datasphere? Business Context & Data Governance

- **Preserve Business Context:** Typical data projects spend 80% of the time re-creating context lost during data replication. Datasphere allows critical metadata, hierarchies, and understanding to remain intact

- **Federated Data Access & Integration Flexibility:** Datasphere enables federated data access allowing seamless combination of data across the SAP ecosystem without duplication

- **Reduced Effort on Security Configuration:** Datasphere reduces effort required on managing security settings while still enduring data protection

- **Linking Data & Metadata from SAP and Other Applications:** Datasphere provides a holistic approach to simplify data management and governance across multi-system environments

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Customer Success Stories & Use Cases

Greenfield with SAP Legacy Sources
Customers building a new data warehouse in the cloud with SAP Legacy systems as data sources that will only be migrated to a cloud-based system in the future. Expecting the same level of data integration, and convenience functions experienced with SAP BW/4HANA.

Conversion with SAP BW NetWeaver & SAP BW/4HANA 2021
Customers with an SAP BW (SAP BW 7.3 and upwards, any DB) moving their data warehouse to the cloud expecting to retain their data, and their legacy data flows, but renovating their data consumption layer with SAP Analytics Cloud or 3rd party clients on top, and expanding their data footprint to cloud, and non-SAP sources.

Hybrid with SAP BW/4HANA
Customer with an on-premise SAP BW/4HANA looking for a path into the cloud for their data warehouse workload. Starting with hybrid scenarios for consumption to combine SAP BW/4HANA data, and SAP Datasphere data, and then easily moving more and more of the SAP BW/4HANA data flows to the cloud, and successively transition them to modern SAP Datasphere data ingestion approaches.

Why Datasphere?

Certainly! **SAP Datasphere** offers several compelling reasons for businesses to choose it as the foundation for their data fabric architecture:

1. **Preserving Business Context**:
   - In typical data-related projects, up to **80%** of the time is spent recreating context lost during data replication.
   - SAP Datasphere addresses this by preserving the business context of SAP data, ensuring that critical metadata, hierarchies, and understanding remain intact.
   - Leveraging over **6,000 Core Data Services (CDS) views** available in SAP S/4HANA, it provides semantic, meaningful, and stable virtual data models for later integration, modeling, and analytics[1].
2. **Federated Data Access & Integration Flexibility**:
   - Instead of replicating data, SAP Datasphere enables **federated data access**.
   - It allows seamless working and combining of data across the SAP ecosystem without unnecessary duplication.
   - This flexibility simplifies complex data landscapes and ensures efficient data integration[1].
3. **Reduced Effort on Security Configuration**:
   - When integrating data across systems, security configuration can be time-consuming and error-prone.
   - SAP Datasphere streamlines this process, reducing the effort required to manage security settings and ensuring data protection[1].
4. **Linking Data and Metadata from SAP and Other Applications**:
   - SAP Datasphere acts as a bridge, linking data and metadata from SAP systems and other applications.
   - It provides a unified service for data integration, cataloging, semantic modeling, and data warehousing.
   - This holistic approach simplifies data management and governance across heterogeneous environments[2].
5. **Business Data Fabric with Open Data Ecosystem**:
   - Beyond traditional data fabrics, SAP Datasphere maintains the data's DNA by preserving business logic and application context.
   - It eliminates the need to recreate lost business context during data extraction.
   - As a result, stakeholders can make informed decisions with confidence, knowing they have a complete picture of their data regardless of its storage location or design[1].

In summary, SAP Datasphere offers efficient data management, enhanced security, improved analytics, and cost savings. It empowers organizations to navigate today's data-driven world with agility and trust[3]. 🌐🔍