

# **BW Modernization Webinar Series**

## **Session 1 – part 1**

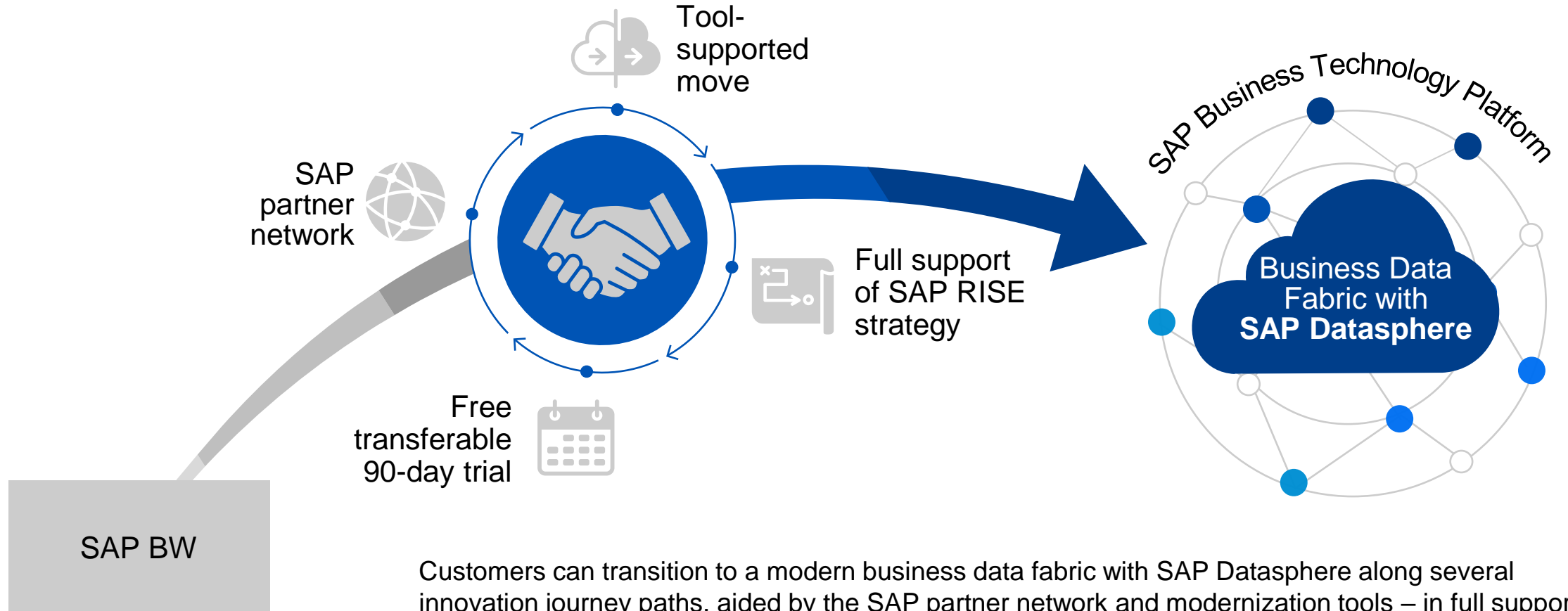
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Public



# Statement of Direction

SAP Datasphere is our strategic target solution for all data warehouse and data management use cases in the public cloud.

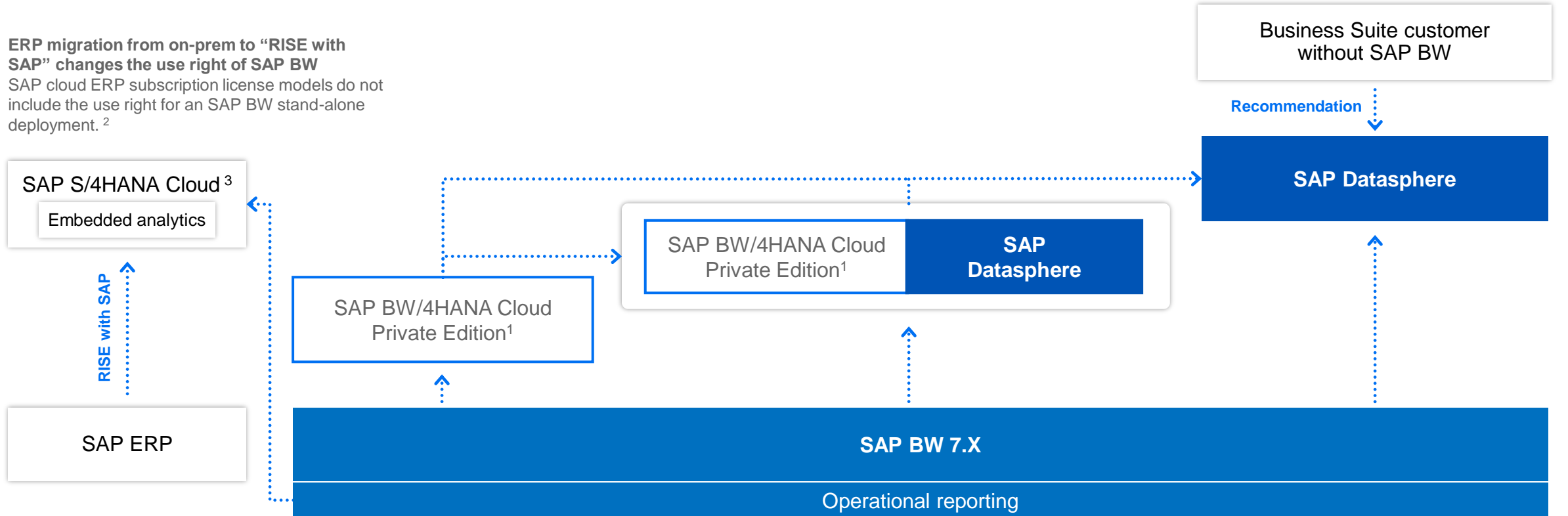


Customers can transition to a modern business data fabric with SAP Datasphere along several innovation journey paths, aided by the SAP partner network and modernization tools – in full support of the SAP RISE strategy.

The SAP BTP free tier model enables customers to start a production environment right away, try out SAP Datasphere services, and easily switch to the paid service plan, without losing any work.

# Safeguard investments & transition to the cloud

ERP migration from on-prem to “RISE with SAP” changes the use right of SAP BW  
SAP cloud ERP subscription license models do not include the use right for an SAP BW stand-alone deployment.<sup>2</sup>



**RISE with SAP**  
Transform to cloud ERP for your every business need

**SAP BW/4HANA Cloud**  
Safe-guard investments by lifting existing landscape to the cloud – “RISE with SAP”

**SAP BW/4HANA & SAP Datasphere**  
Combine the strengths of SAP BW/4HANA with the innovation, openness, and self-service abilities of SAP Datasphere in a hybrid scenario. Leverage the **SAP BW bridge** to re-use and integrate SAP BW-based data ingestion and staging (incl. ABAP code to reduce SAP BW footprint over time.

**SAP Datasphere**  
Direct adoption in green-field approach, leverage SAP BW bridge if required

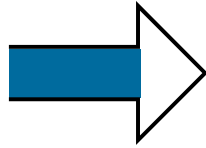
<sup>1</sup> SAP BW/4HANA is fully supported until 2040 and can also be deployed on-premises; SAP BW NetWeaver 7.5 also available in private cloud

<sup>2</sup> SAP cloud ERP includes the embedded BW

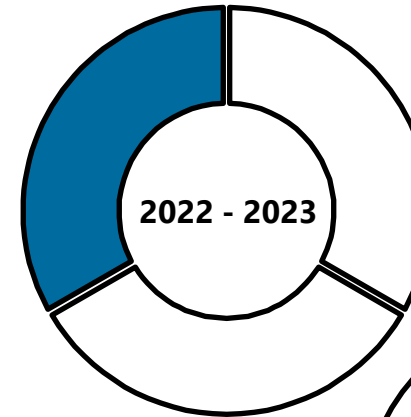
<sup>3</sup> including SAP S/4HANA Cloud, SAP S/4HANA Cloud, private edition, and on-prem deployments of SAP S/4HANA

# Understand your data beyond the data model

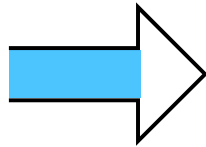
## Reporting data



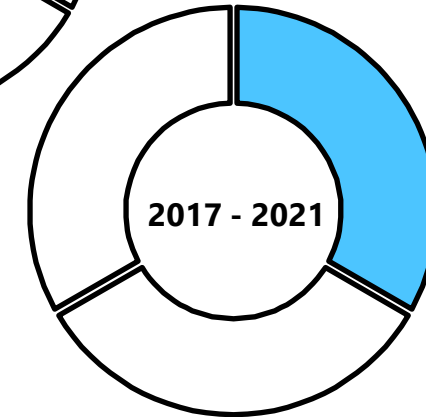
- Multi-user access
- Real-time, mission-critical
- Frequent use



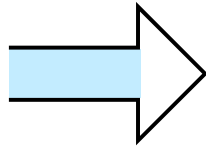
## Active staging data



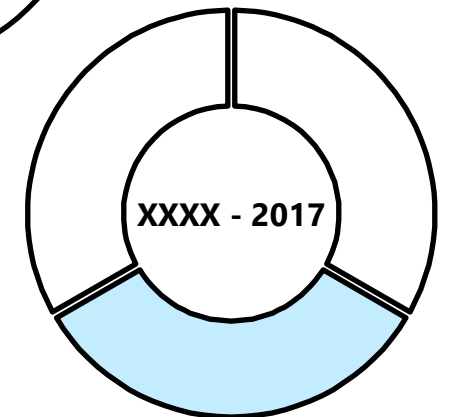
- Continuous updates
- Data reads during batch loads
- frequent updates



## Legacy data



- Kept for convenience or
- Kept for regulatory requirements
- Infrequent use



# What was your data strategy for SAP BW?

Most customers store all data **centrally** on-prem without having a clear data categorization concept. That was possible because resources required were irrelevant.

Some customers took the first step towards a data strategy by leveraging SAP IQ as cold data storage. But not widely applied, b/c the cost/effort outweighed benefits, esp for smaller customers?

A public cloud strategy needs data categorization, because cloud resources are dependent on the hyperscaler offering and the cost of a data foot print becomes an important factor to consider.

## Reporting data

Frequent, multi-user access, high-performance expectation

InfoCubes, DSOs, Masterdata

Portion: 10-20%

## Active staging data

Continuous updates, reads during batch loads

DSOs, Masterdata, PSA

Portion: 10-60%

## Legacy data

Kept for convenience or legal purpose, infrequent use

DSOs, NLS partitions

Portion: 20-80%

# Explore your options

Solutions	SAP Datasphere – Core only	SAP Datasphere with SAP BW bridge	SAP Datasphere with SAP BW/4HANA hybrid	SAP Datasphere with SAP BW bridge	SAP Datasphere with SAP BW bridge & SAP BW/4HANA
Approach	Greenfield in parallel to SAP BW	Greenfield in parallel to SAP BW	Hybrid (link SAP BW/4HANA and SAP Datasphere)	Shell or remote conversion	Shell or remote conversion
Prerequisite	None	None	SAP BW/4HANA 2021	SAP BW 7.3 up to SAP BW/4HANA 2021	SAP BW/4HANA 2021
Benefits	Build up a business data fabric without any of the constraints of a legacy deployment/approach. Complete focus on modernization and a simplified data landscape.	Start with the development of a common data layer on legacy data in proven SAP BW technology with all unique functions such as transforming data, managing data loading with partitioning, monitoring or error handling.  Combine proven SAP BW functionality with modern cloud architecture and take your business warehouse to the next level.	Combine existing data models from SAP BW/4HANA with SAP Datasphere and gradually transition to implementing new use cases.  The Entity Import in SAP Datasphere automatically creates a new Analytic Model in the DataBuilder based on BW artefacts and queries.	Secure your investments and move SAP BW models and queries to the SAP BW bridge with a tool-supported conversion.  The Entity Import in SAP Datasphere automatically creates a new Analytic Model in the DataBuilder based on BW artefacts and queries.	Run SAP BW/4HANA in hybrid mode with SAP Datasphere.  Move data models from SAP BW/4HANA to SAP BW bridge at your own pace and keep both data models in sync.  Decommission the SAP BW/4HANA model at any time and continue to innovate with SAP Datasphere.

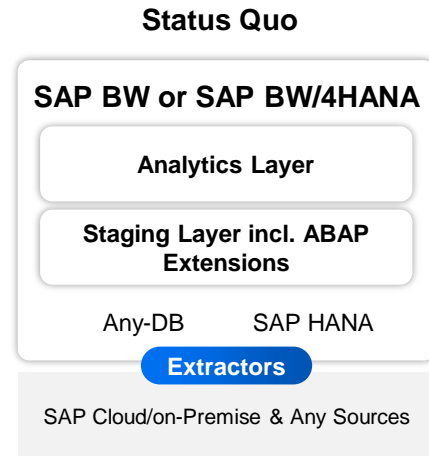


# SAP Datasphere

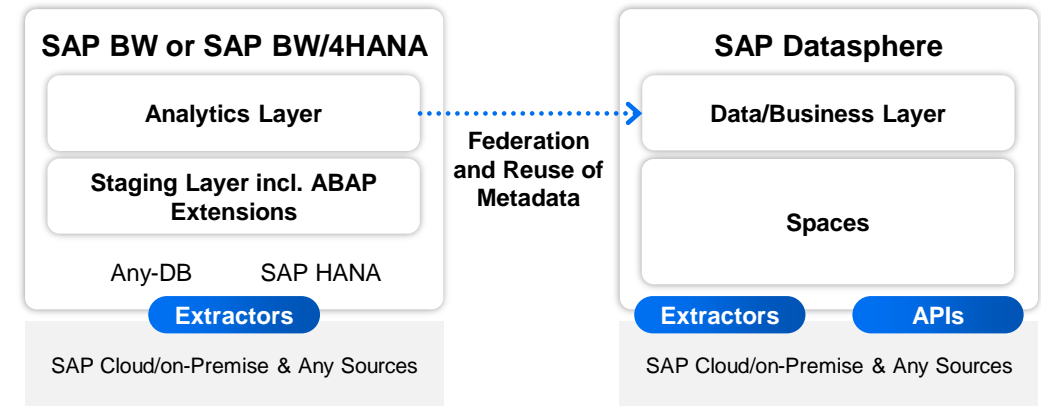
## Modernize data landscape

### Hybrid.

Combining SAP BW or SAP BW/4HANA with SAP Datasphere



### To be Architecture

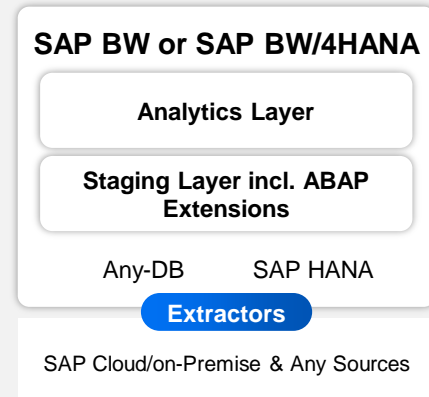


Switch/move from Hybrid to SAP Datasphere with SAP BW bridge



### SAP BW bridge.

Replace parts of SAP BW or SAP BW/4HANA with SAP Datasphere



**Move**  
Tool-supported conversion including data

