



SAP Data Warehousing Strategy

SAP Data Warehouse Cloud, SAP BW/4HANA, SAP BW Bridge

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SAP Data Warehousing Portfolio Overview



On-premises

SAP BW/4HANA



Private Cloud

SAP BW/4HANA Cloud,
private edition



Public Cloud

SAP Data Warehouse Cloud

Statement of Direction.

Direction to the cloud & flexibility to move your own pace

SAP continues to innovate Data Warehousing to enable the Intelligent Enterprise.

SAP BW & 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 Data Warehouse Cloud

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

SAP Data Warehouse Cloud provides unique innovation beyond classical data warehousing – driving agility, business empowerment and time-to-value.

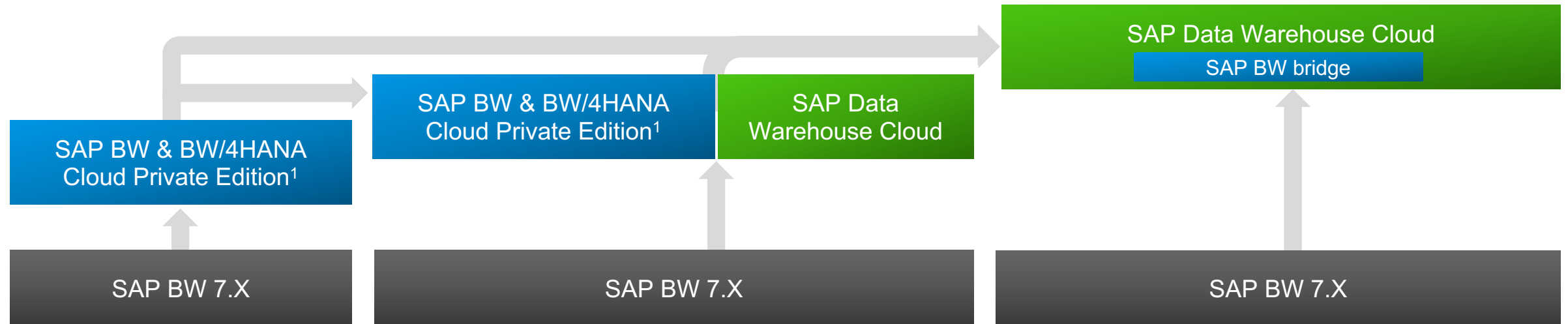


1 Hybrid deployment option
Innovate with SAP Data Warehouse Cloud while extending SAP BW or BW/4HANA – transferring data models

2 SAP BW bridge
Leverage the BW-based data ingestion & staging options with a tool-supported move*

Innovation Journeys for SAP BW Customers

Flexibility to gradually extend & move at your own pace



SAP BW & BW/4HANA Cloud

Safe-guard investments by lifting existing landscape to the cloud – “RISE with SAP”

SAP BW/4HANA & Data Warehouse Cloud Hybrid

Combine the strengths of SAP BW/4HANA with the innovation, openness, and self-service abilities of SAP Data Warehouse Cloud in a hybrid scenario

SAP Data Warehouse Cloud, SAP BW bridge

Re-use and integrate SAP BW-based data ingestion and staging (incl. ABAP code) in SAP Data Warehouse Cloud (tool-supported move*)

The Challenge for SAP BW users: Embracing innovation in the cloud with self service while preserving existing investments

- 1 How to leverage existing SAP BW assets and skills?
- 2 How to retain instant access to SAP data while expanding data reach?
- 3 How to empower users and scale insights across the enterprise?

Existing Investments

SAP and non-SAP data

Rapid Innovation



SAP Data Warehouse Cloud, SAP BW bridge

Key Capabilities & Value Proposition

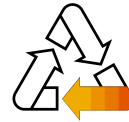
What is the SAP BW bridge?

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

Offers SAP BW capabilities directly in SAP Data Warehouse Cloud:

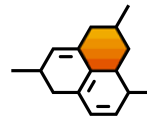
- **Connectivity & Business Content** providing proven SAP BW-based data integration (Extractors) from SAP ECC and SAP S/4HANA
- **Enterprise-ready staging layers** of SAP BW for managing data loading with partitioning, monitoring, error handling
- **Tool-supported move** of SAP BW-based integration and staging (from Q1 2022)*

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 BW bridge offers SAP BW capabilities directly in SAP Data Warehouse Cloud

Fast results. Less cost.

Use SAP BW/4HANA business content inside SAP Data Warehouse Cloud out of the box.

DataSources

Data Flows

InfoObjects

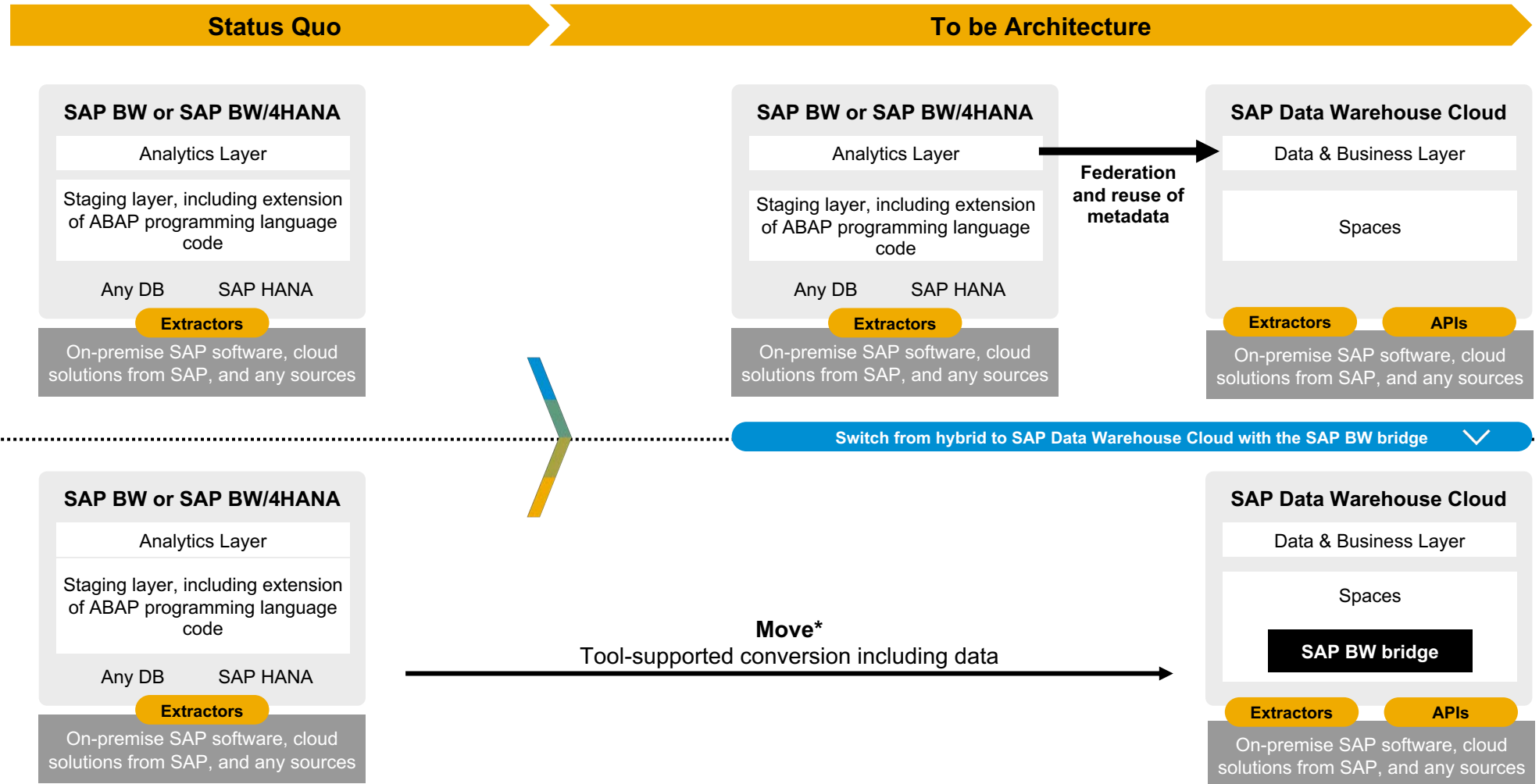
Advanced DataStore Objects

Transformations

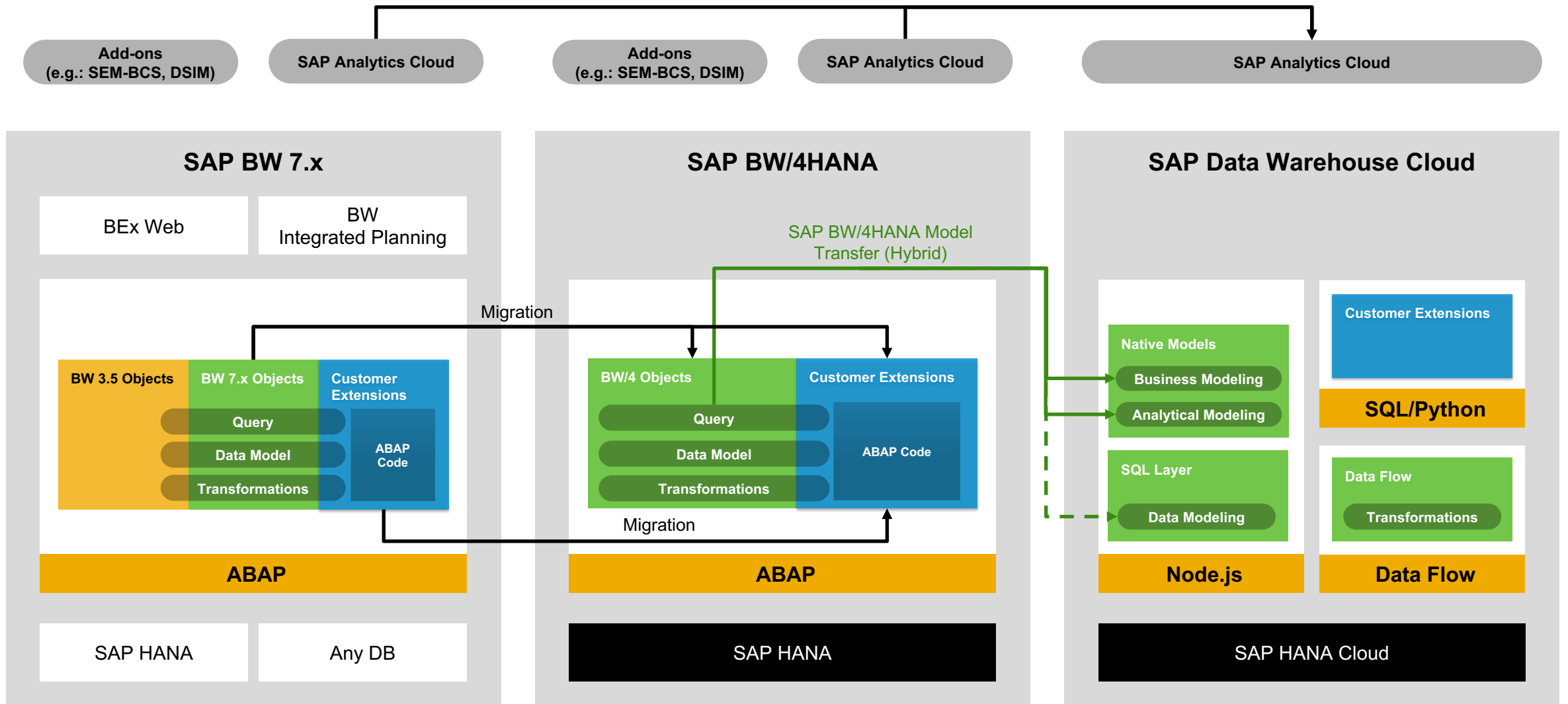
CompositeProviders

5.600 objects & 24.300 man-days worth of content
– “out the box, free of charge”!

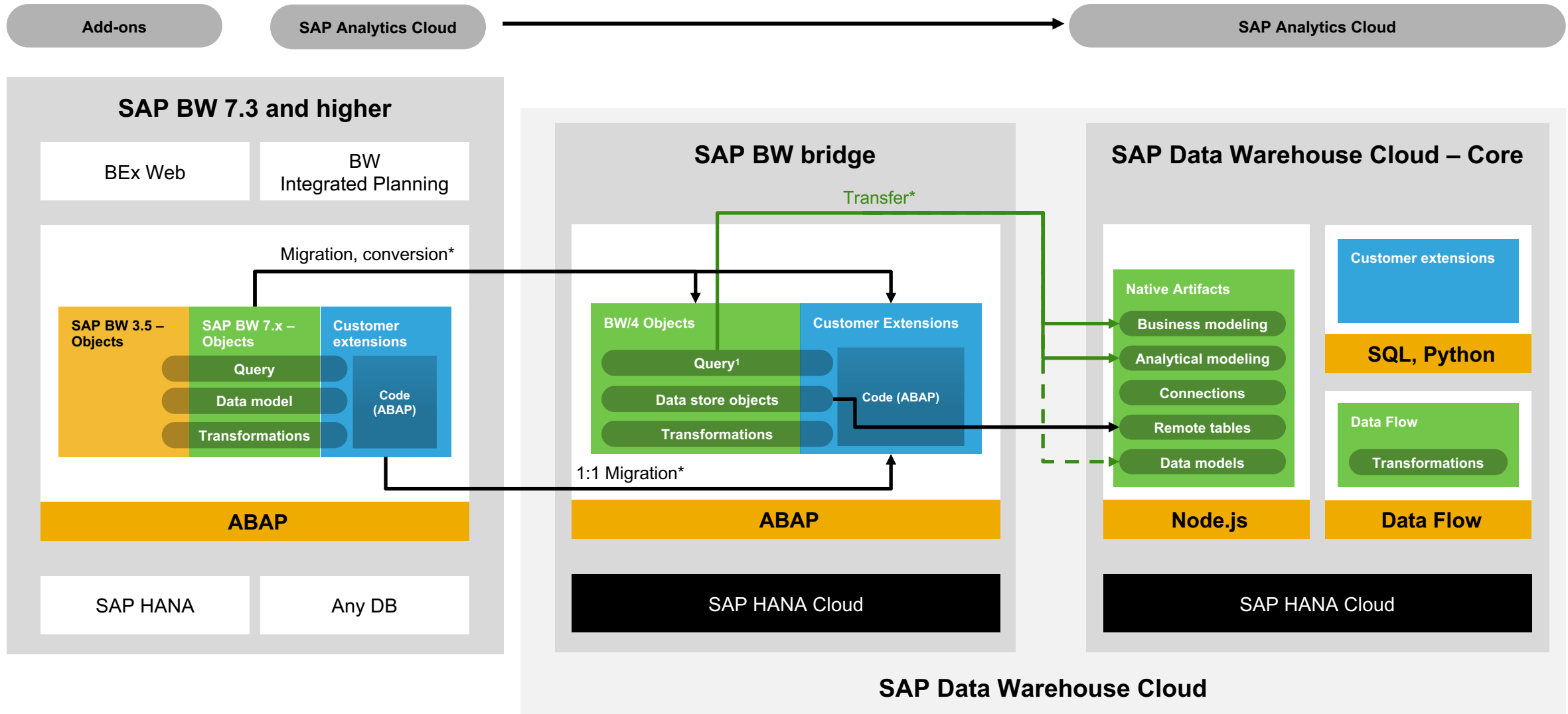
Customer Options. SAP BW with SAP Data Warehouse Cloud



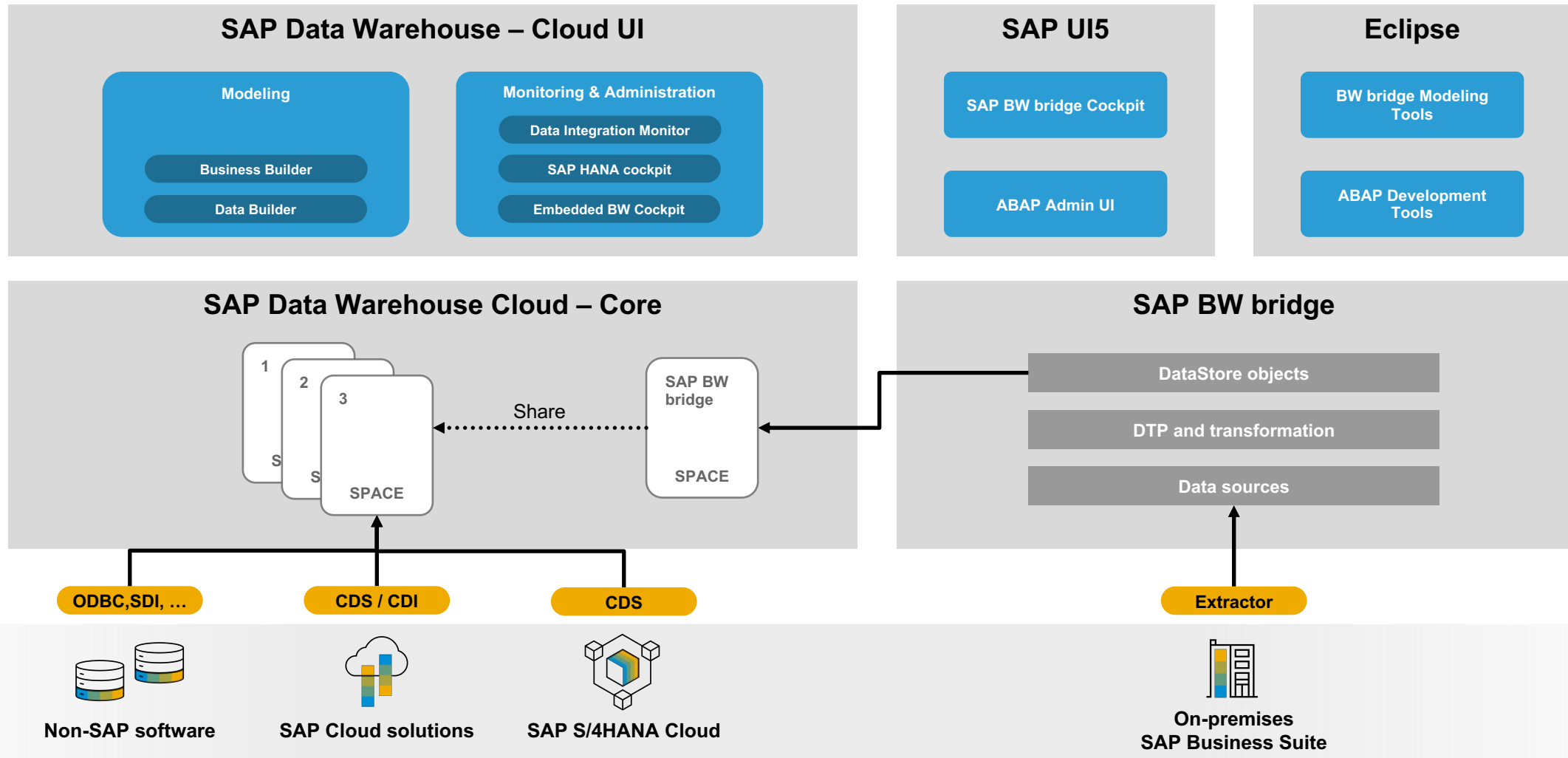
Hybrid. SAP BW to SAP Data Warehouse Cloud



SAP BW bridge. SAP BW to SAP Data Warehouse Cloud

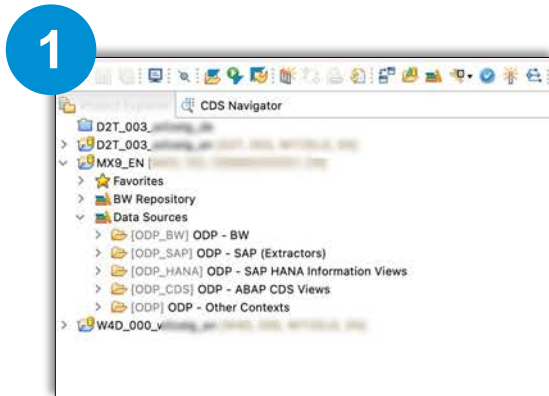


SAP BW bridge. Overview of data integration



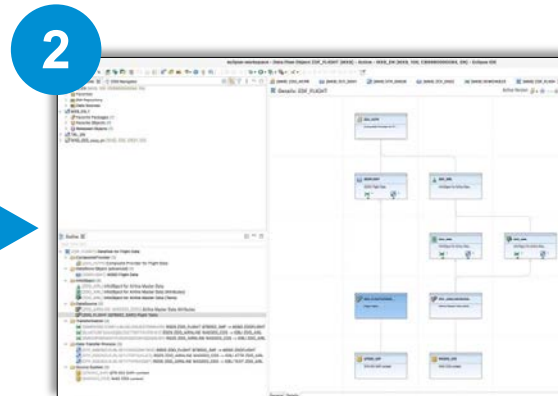
SAP BW bridge. How to create a data flow

Select Source System



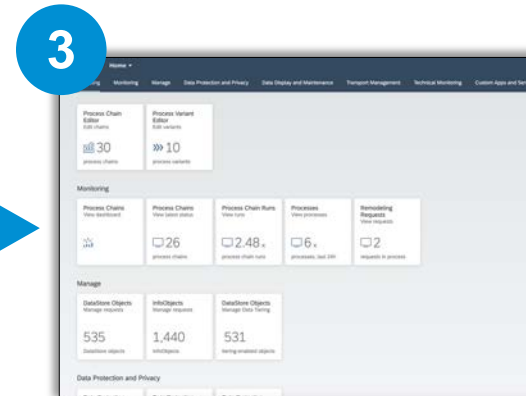
- Create or use a new source system
- Options for source system connections:
 - ODP - BW
 - ODP - SAP (Extractors)
 - ODP - ABAP CDS Views
 - ODP - SLT

Build Data Flow



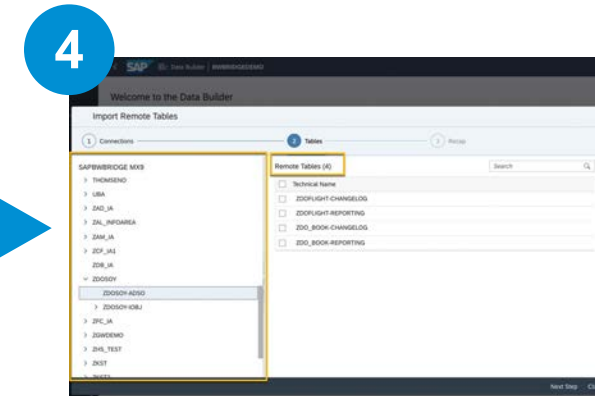
- Use the BW Modeling, ABAP development tools to build your DataStore Object, Data Transfer Process, and Transformations.

Define Process Chain



- Define and schedule a process chain to regularly load the data
- The process chains are modelled in the web cockpit of the SAP BW bridge called SAP BW bridge Cockpit.

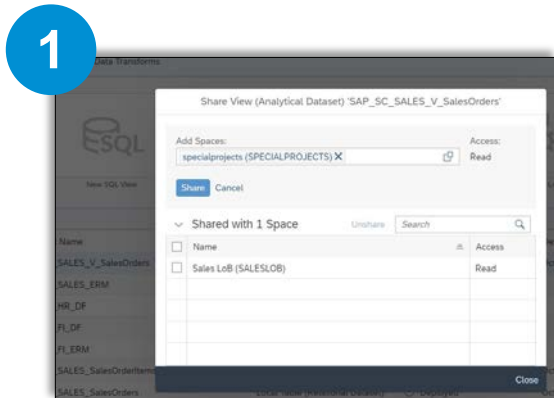
Import Remote Tables



- Share your objects with other spaces
- Create analytical view to consume data in SAP Analytics Cloud
- Build new data models on top to integrate different data sources or associate master data views

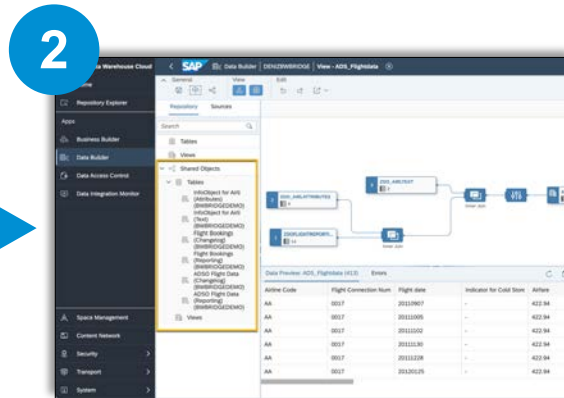
SAP BW bridge. How to build data models on top

Share SAP BW bridge Tables



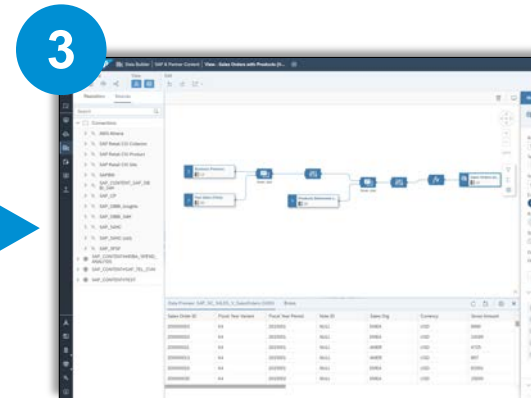
- Share your objects with other spaces
- Create analytical view to consume data in SAP Analytics Cloud or
- Build new data models on top to integrate different data sources or associate master data views

Use in your Models



- Use shared models and data in other Spaces
- No need to copy or export data
- Create views, associate master data and use additional settings

Mix with other Data



- Use Join or Union operators to combine with data from multiple sources
- Select operators for additional data transformations
 - Filter
 - Projection
 - Calculated Column
 - Aggregation

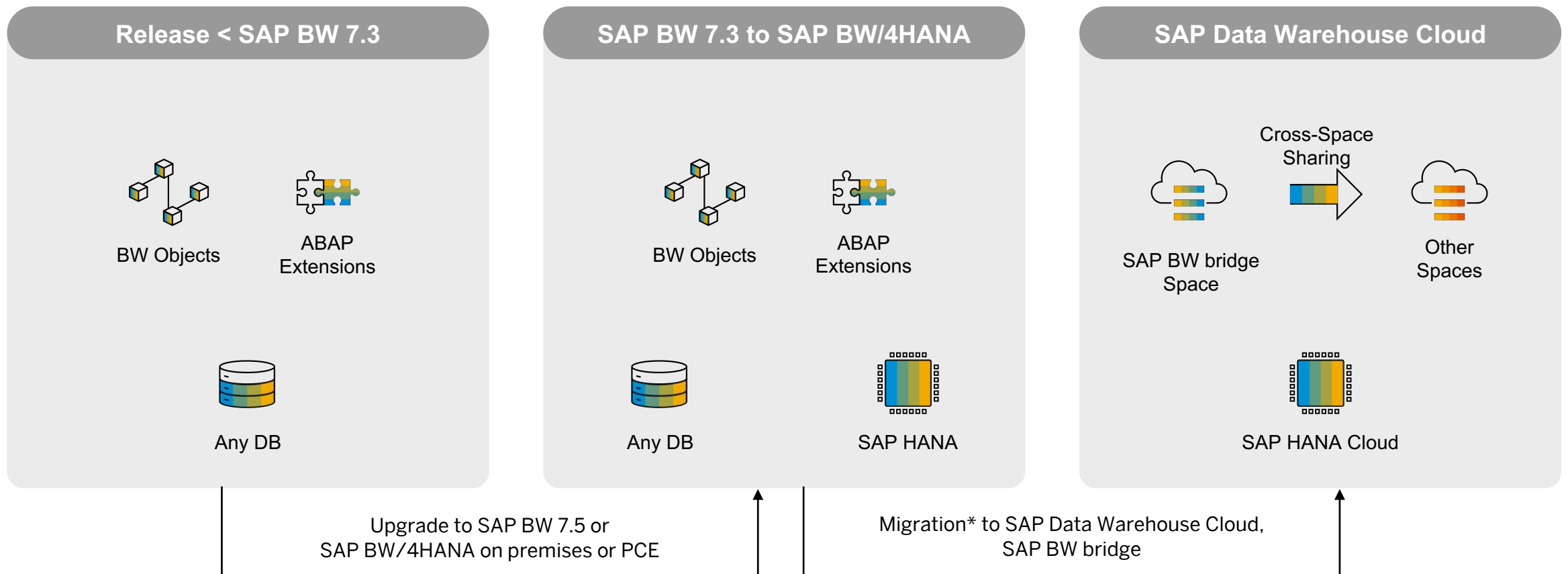
Create your Story



- Expose for consumption
- Create a story in SAP Analytics Cloud based on the analytical view

SAP BW bridge. Migration Path

Enabling migration of BW-based data integration & staging with tool-supported conversion*

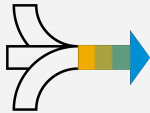


Why SAP Data Warehousing



Complete End-to-end Solution

Unified data and analytics service providing a complete end-to-end solution with one semantic view designed for business and IT.



Connect to SAP Data with Business Context

Out-of-the box understanding of SAP data with semantic business context from SAP applications.



Connect and Collect Data from all Sources

Data virtualization, replication and orchestration from SAP and third-party solutions across clouds and with on-prem.



Semantic Business Modelling

User empowerment with self-service modeling, governance and IT control. User ability to connect own data, share it securely, and run analytics without affecting other users.



Spaces Management & Data Sharing

Independent virtual work environments to foster collaboration and enable data sharing between IT, business units, and projects to connect global and local data.



Reuse & Extend SAP BW Investments

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



Choice and Openness

Multi-cloud support and open interfaces with choice of modeling environments, analysis tools & languages (SQL, Python, Jupyter notebook etc.) – from business analysts to data scientists to developers.



Business Content

Pre-built data models, semantic views of SAP ERP data (CDS views & Service APIs), and transformation leveraging SAP's business expertise and ecosystem partners' knowledge.



Integrated Data Marketplace*

Data Marketplace manages scalable and decentralized cross tenant data exchange for data providers & consumers. Use Intelligent Lookup to match imperfect data sets for enterprise-ready usage.

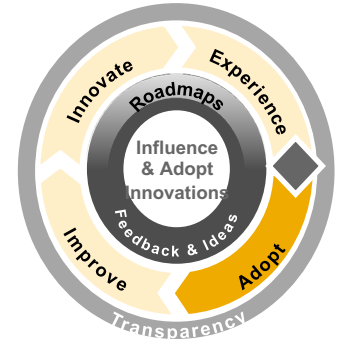


Future Platform for Planning*

Streamlining planning and analysis with reduced modelling efforts, while operating on a single source of truth for analytics and planning across the organization.

Adopt

Early Adopter Care Program SAP Data Warehouse Cloud, SAP BW Bridge



Early Adopter Care* enables customers to get support with your early implementation of BW Bridge via an Early Adoption Care program in close collaboration with SAP with a dedicated back-office support infrastructure in place to safeguard your project and minimize risks

What is in for you?

- ❑ Preferred message handling
- ❑ Dedicated development contact and project coach who will stay in contact with the project lead
- ❑ 3 months FREE access to SAP Learning Hub (ALL content) for 5 users
- ❑ Option to influence direction of future releases with your feedback

How to get engaged with us?

- ❑ Visit <https://influence.sap.com/sap/ino/#campaign/2811> and register your company for this opportunity

Key Data

- ❑ Registration Start: October 15, 2021

Prerequisites:

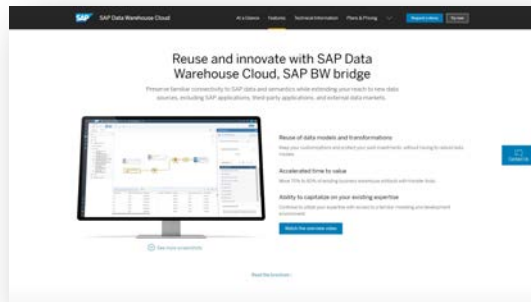
Participation in the Early Adopter Care program is voluntary, at the sole discretion of SAP, and dependent on the following prerequisites:

- ❑ Valid Licenses
- ❑ Immediate desire to start a productive implementation
- ❑ Go-live within EAC program timeline
- ❑ Product fit
- ❑ Signed agreement to become a reference (includes social media activities)

* These services complement SAP support services, and are available to all customers with a valid SAP license and maintenance contract. Please note that not all services are available for all SAP products.

SAP BW bridge. More Information

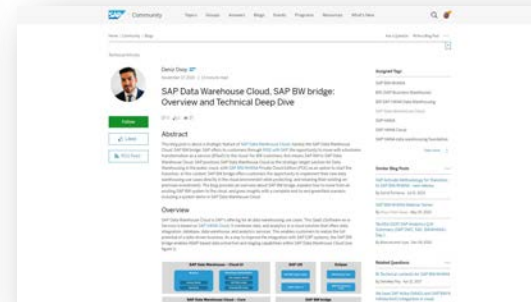
[SAP.com](#)



[Introduction Blog](#)



[Detailed Blog](#)



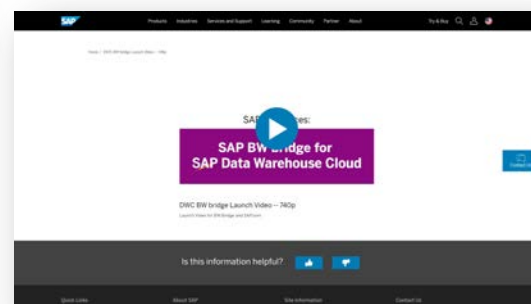
[SAP Documentation](#)



[Brochure](#)



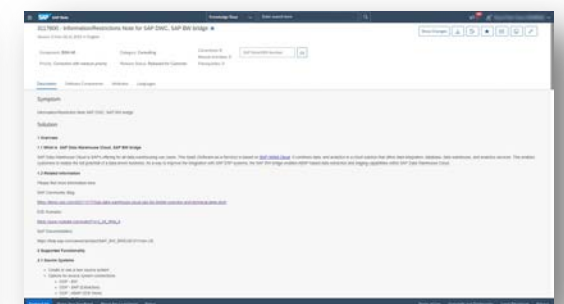
[Introduction Video](#)



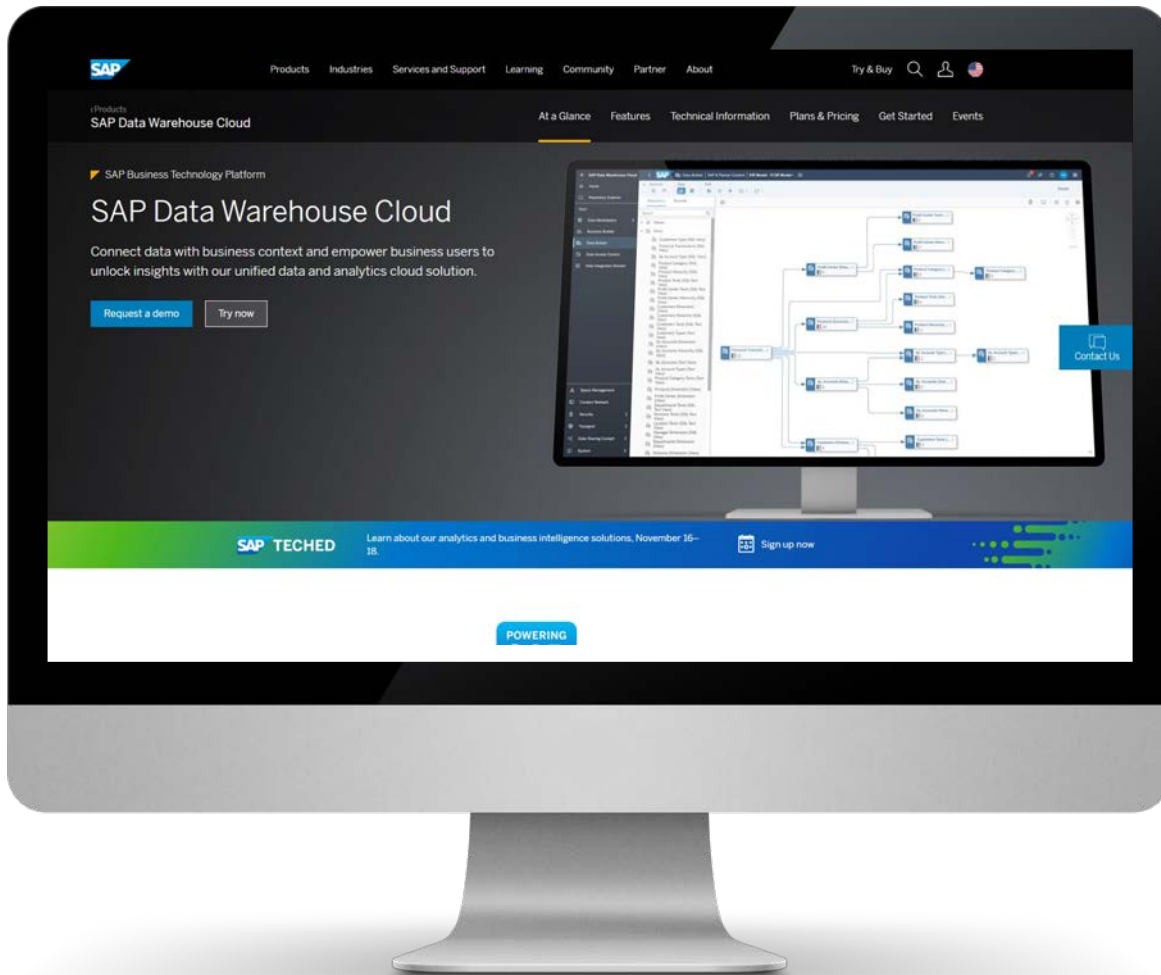
[Detailed End-to-End Video](#)



[SAP Note 3117800](#)



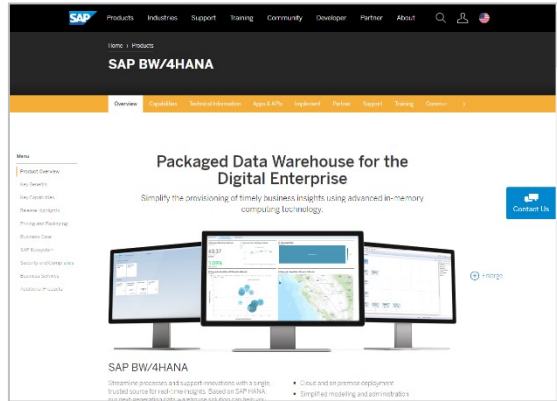
More Information about **SAP Data Warehouse Cloud**



Learn more.

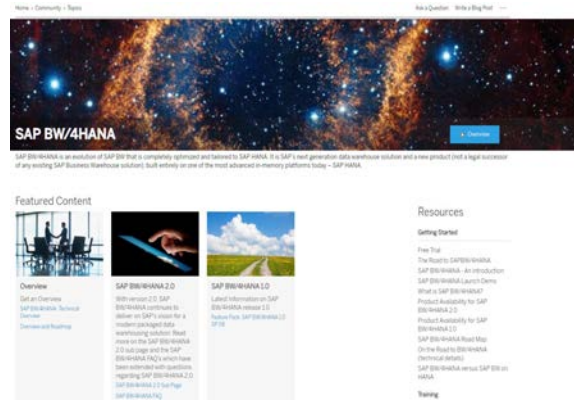
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- Get started with [documents & training](#), [videos](#) or visit our [Learning Journey](#)
- Use the [tutorials](#) to learn more.
- Join the [Community](#) and check out the [Best Practices](#)
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More Information about **SAP BW/4HANA**



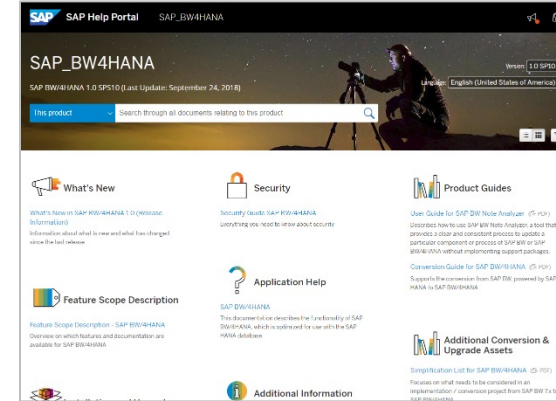
Home Page

<https://sap.com/bw4hana>



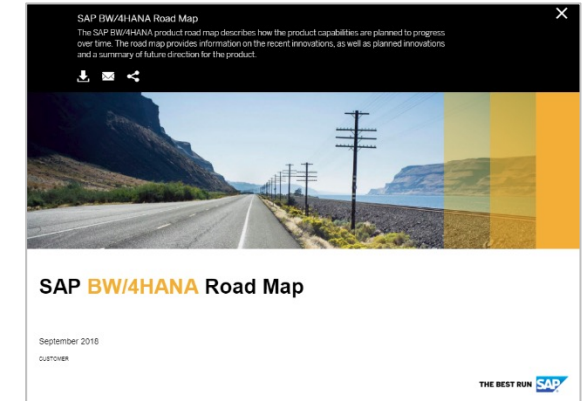
Community / Product Page

<https://community.sap.com/bw4-hana>



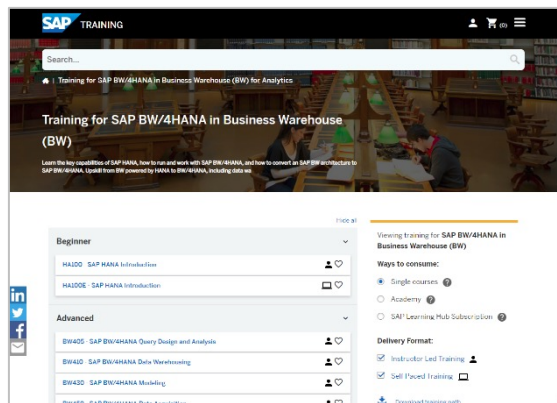
Documentation

<https://help.sap.com/bw4hana20>



Product Roadmap

<https://sap.com/roadmaps>



Training & Certification

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