

SAP BW Modernization Webinar Series

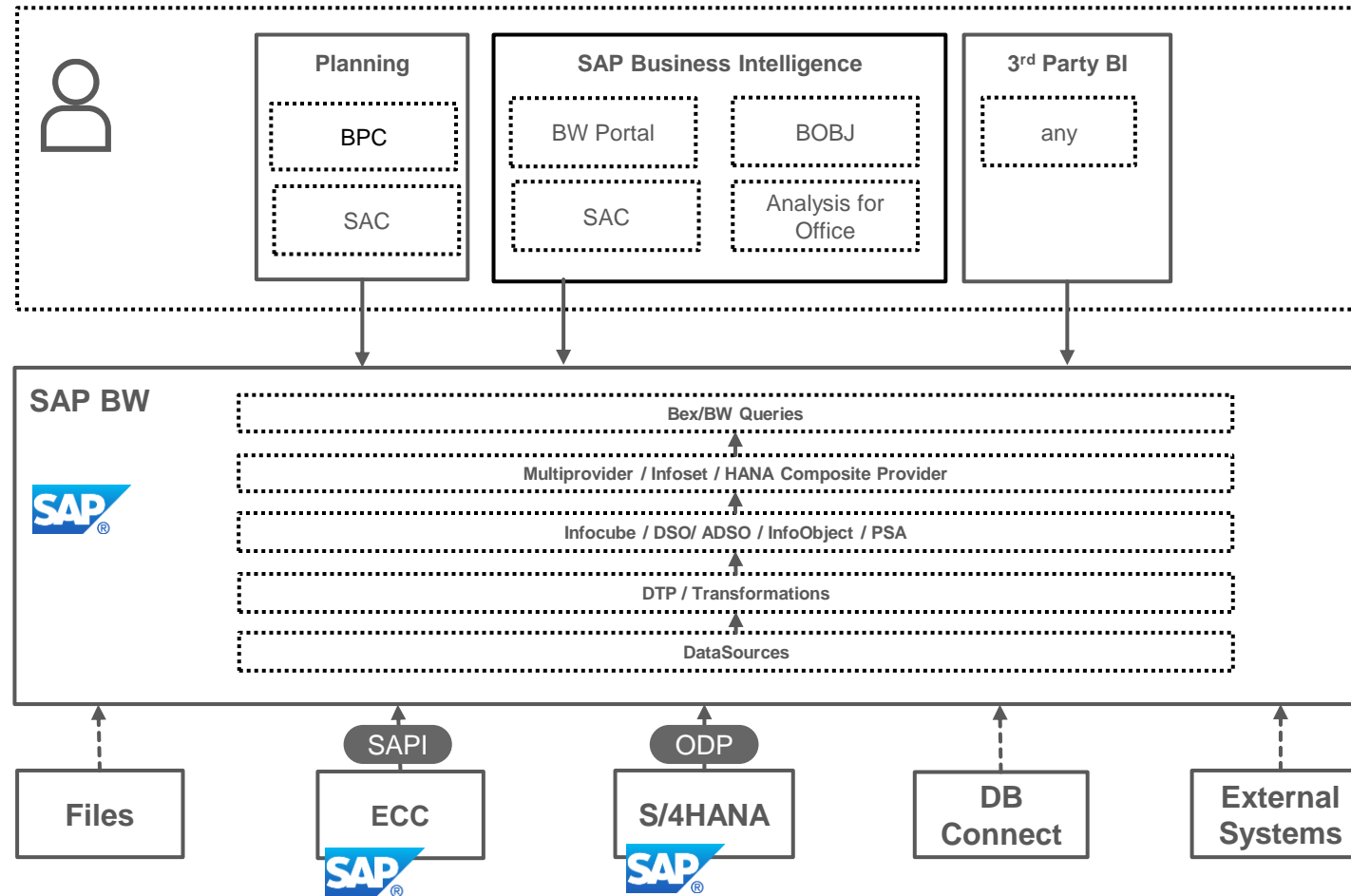
Session 2 – Part 1

Justin Lynch, SAP

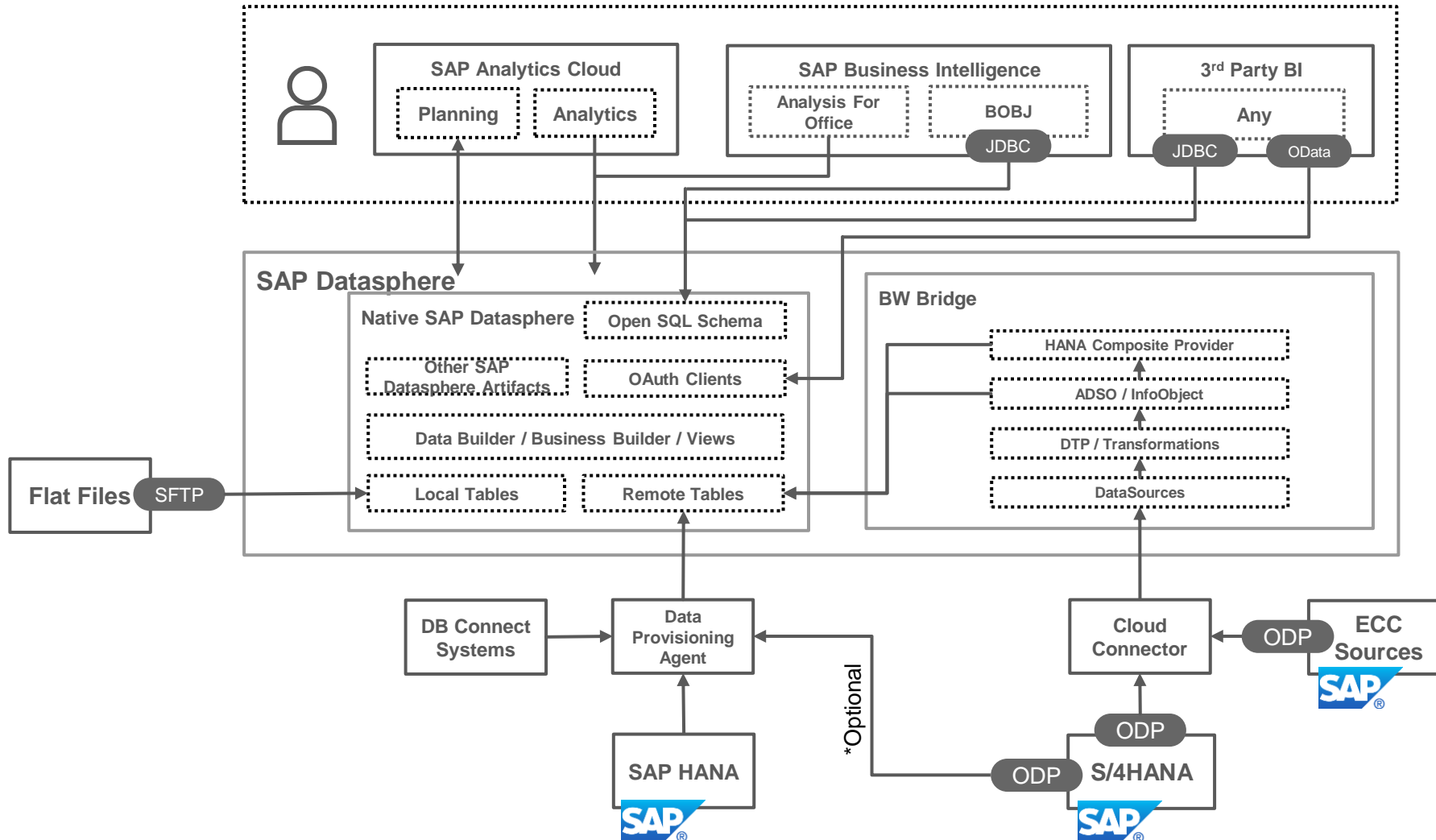
Public



Typical Customer Landscape (As-Is Landscape)

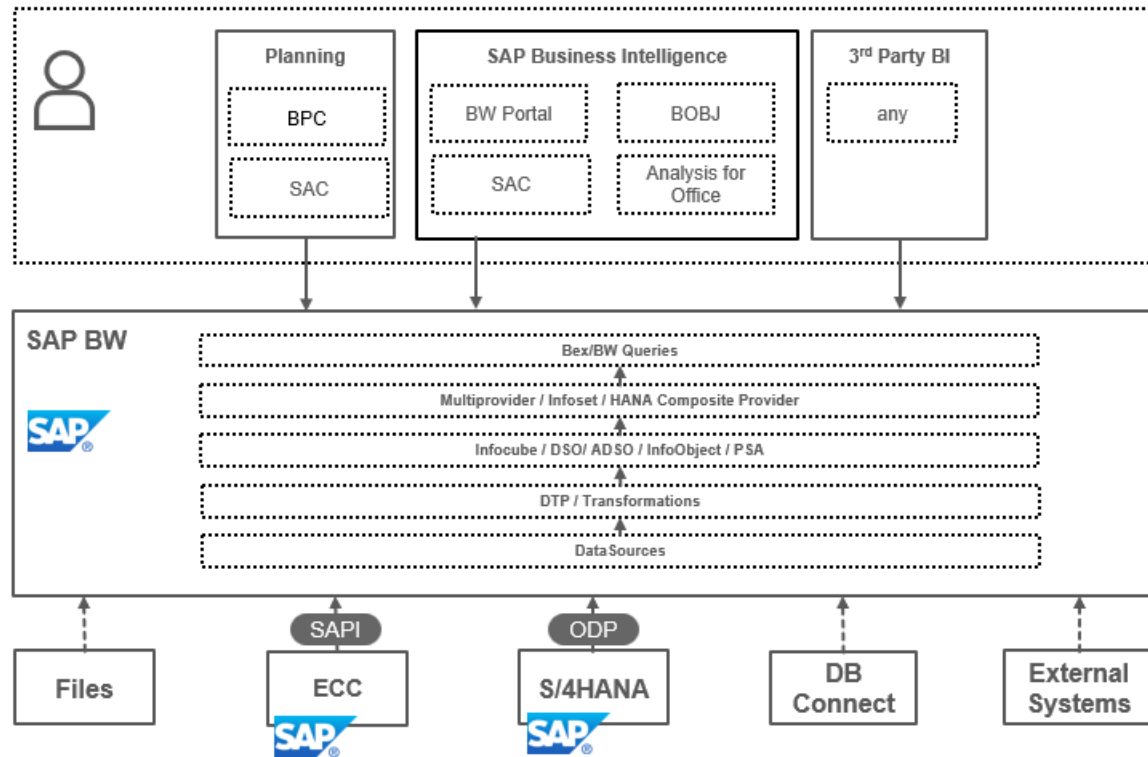


Future Customer Landscape (Target Landscape)

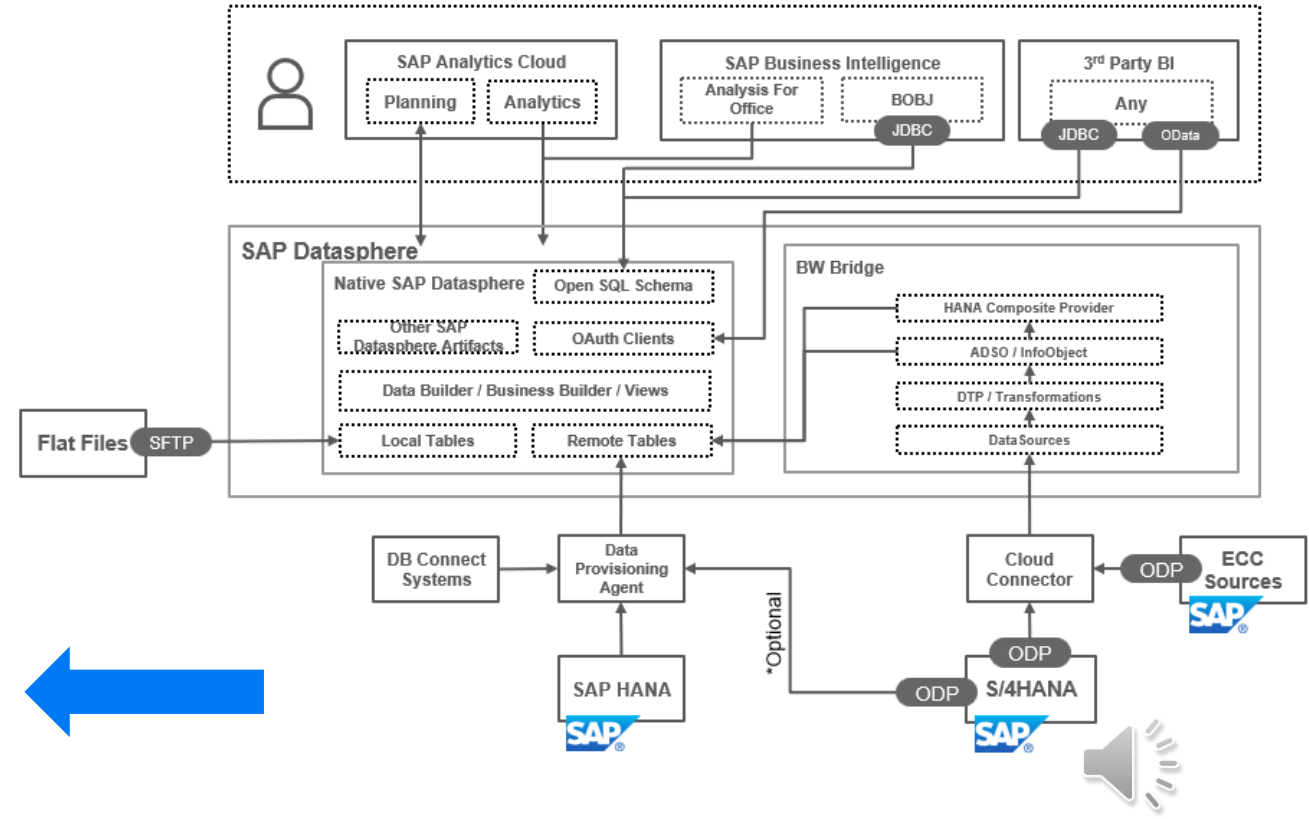


Understanding SAP BW Source Systems

As Is Landscape



Target Landscape



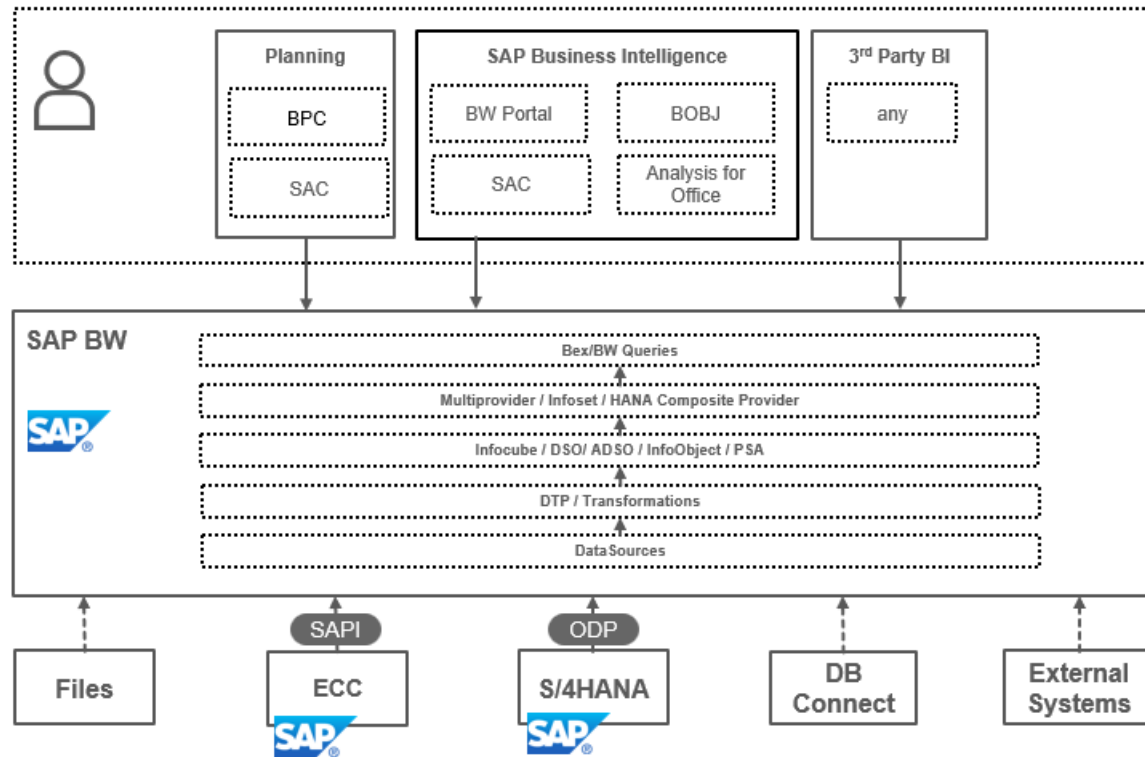
Understanding SAP BW Source Systems

- ❖ There are minimum release requirements for SAP source systems that can be connected to SAP Datasphere, SAP BW bridge. These requirements are based on the availability of the Operational Data Provisioning framework (ODP) for SAP systems
- ❖ For details check SAP Notes [1521883](#) and [1931427](#) and SAP Help page.
 - ODP – SAP
 - ODP – BW
 - ODP ABAP – CDS
 - ODP – SLT
 - The prerequisites with regard to the minimum release of the SLT Replication Server and the DMIS Add-On installed on the SLT Replication Server as well as the source system can be found in [SAP Help](#).
- ❖ Other Source Systems
 - Other source systems than the above are not supported in SAP BW bridge. Data extraction from those has to be performed via interfaces provided by SAP Datasphere, see also SAP Notes [3077420](#) and [3077382](#). Data has then to be consolidated in SAP Datasphere.

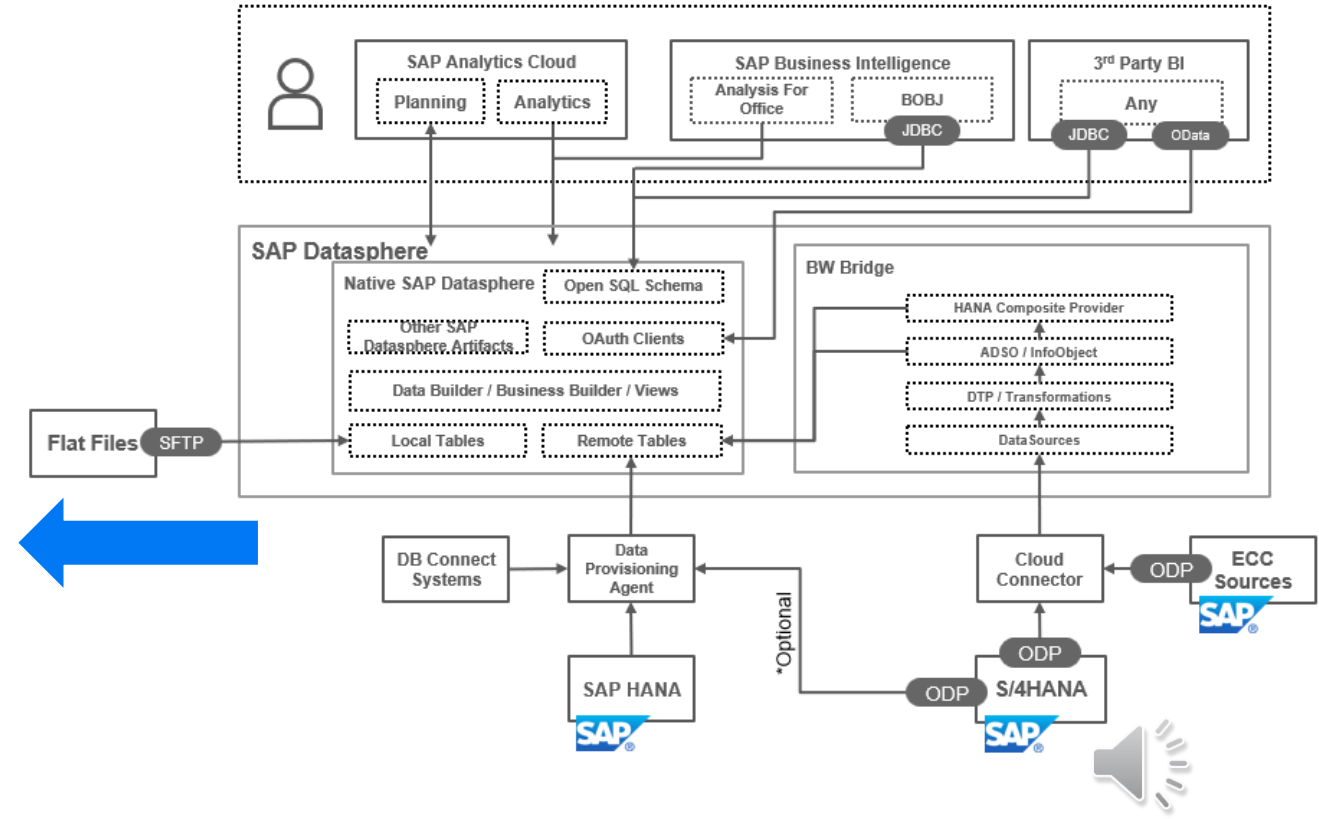


Understanding a SAP BW 7.x System

As Is Landscape



Target Landscape



Understanding a SAP BW 7.x System

System Preparation Overview

Prepare Phase in source systems

BWOH
BW any DB

- Update/Upgrade system to supported release state
- Evaluation of Add-Ons, Interfaces, Scenarios, and Processes
- Run the Sizing Report using the BW Bridge option
- Data Volume Reduction / Housekeeping Activities
- Install SAP BW Note Analyzer
- Install/update cloud connector
- Install Transport-Enabled Correction Instructions (TCIs)
- Custom Code Adjustments and Optimization
- Evaluate impact on your frontend tools, make sure SAP Analytics Cloud is in place
- Check the supported source systems
- Installing Pre-check Tool in sender system using Note Analyzer
- Installing SLT 2.0 Add-on DMIS (for Remote Conversion)

SAP
Readiness
Check

Conversion
Check
Report

Scope
Selection
Pre-Check*

SAP Note
Analyzer

DMIS Add-on
Installation

Sizing Report

Code
scans

Housekeeping
Activities

ABAP
Routine
Analyzer

Sizing
Report

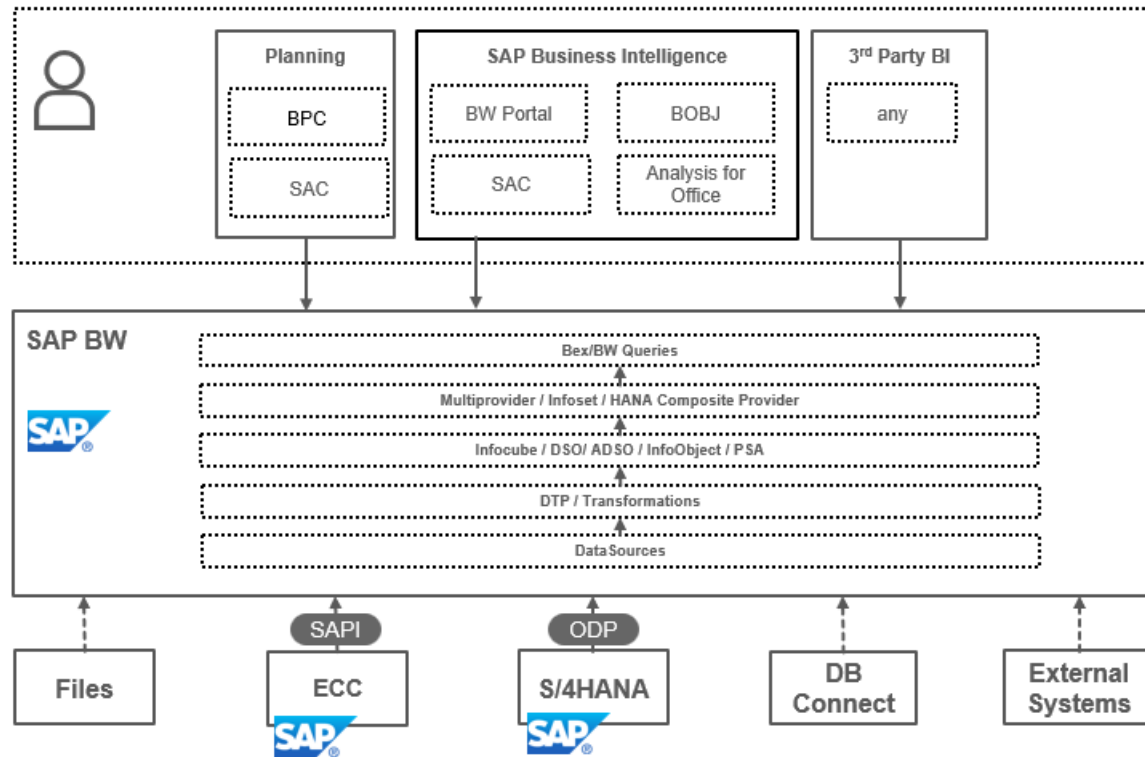
cloud connector
Installation

Install a TCI

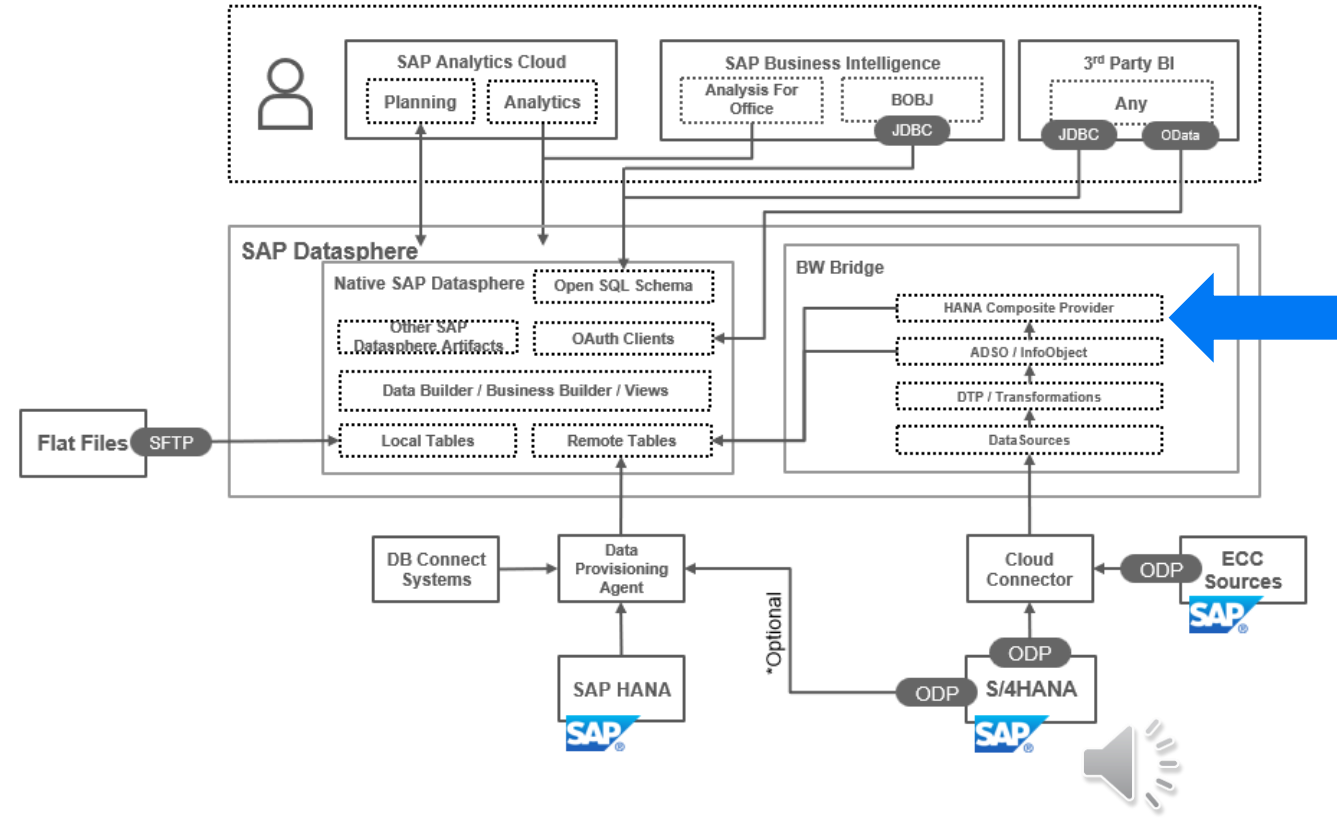


Understanding the SAP BW Bridge

As Is Landscape



Target Landscape



Understanding the SAP BW Bridge

System Preparation Overview

Prepare Phase for the SAP Datasphere, BW Bridge

SAP
Datasphere,
SAP BW Bridge

- SAP BW Modeling Tools version 1.24 Patch 2 (=1.24.17) or higher must be installed
- Check the availability of Cloud Data Centers
- Check the Target SAP Datasphere release
- Perform a proper sizing for BW Bridge tenant
- Check the BW source system release
- Provisioning SAP BW Bridge tenant
- Prepare BW Modeling Tools and ABAP Development Tools
- Set up the Communication System in the SAP BW bridge cockpit
- Preparing Connectivity for SAP BW Bridge and check the all Prerequisites
- Create the Source System in the BW Modeling Tools

BWM Tool

ABAP
Development
Tools

Connectivity
for SAP BW
Bridge

Set up the
Communication
System

Provisioning SAP
BW Bridge tenant

The tools required to perform a shell conversion are available for SAP Datasphere, SAP BW bridge 2202 or higher.

The tools required to perform a remote conversion are available for SAP Datasphere, SAP BW bridge 2205 or higher.

3141688 - Conversion from SAP BW or SAP BW/4HANA to SAP Datasphere, SAP BW Bridge



Understanding the SAP BW Bridge

SAP BW Bridge – System Requirements

At the start, the basic requirements for a system conversion from SAP BW or SAP BW/4HANA to the SAP Datasphere, SAP BW Bridge have to be checked.

SAP Note [3117800](#) provides general information about SAP Datasphere, SAP BW bridge.

SAP Note [3141688](#) contains systematic instructions, on how to prepare your system for a conversion.

- ❖ BW Modeling Tools
- ❖ SAP BW bridge tenant sizing via SAP Note [2296290](#)
- ❖ SAP BW Source System Supportability
- ❖ Provision the SAP BW Bridge Tenant
- ❖ DMIS Add-on for Remote Conversion
- ❖ Custom Code Check
- ❖ SAP BW Bridge Transfer Cockpit
- ❖ SAP BW Note Analyzer
- ❖ SAP Cloud Connector & Configure the Communication System

