SAP BW Modernization Webinar Series Session 2 – Part 2
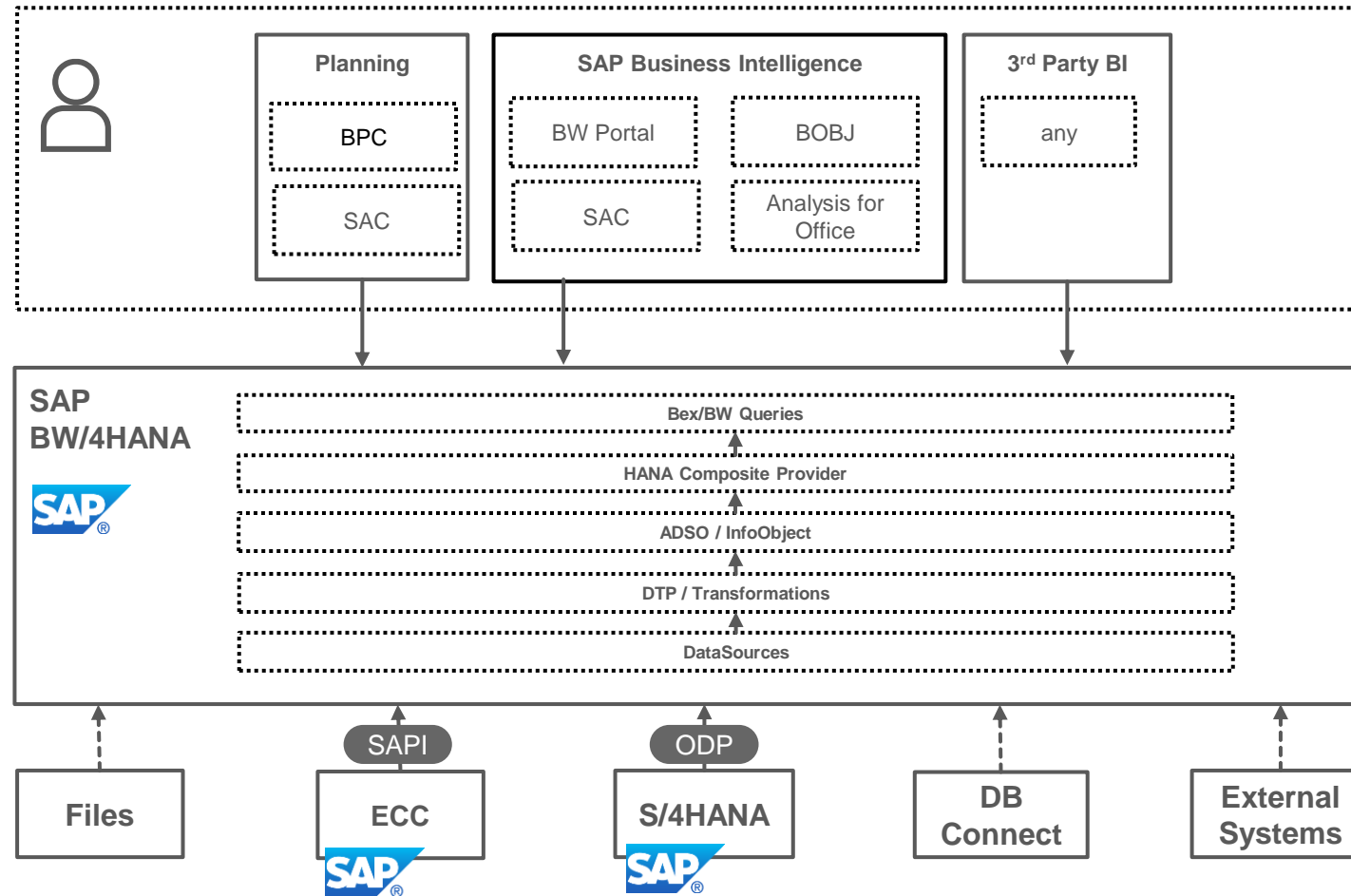
Justin Lynch, SAP
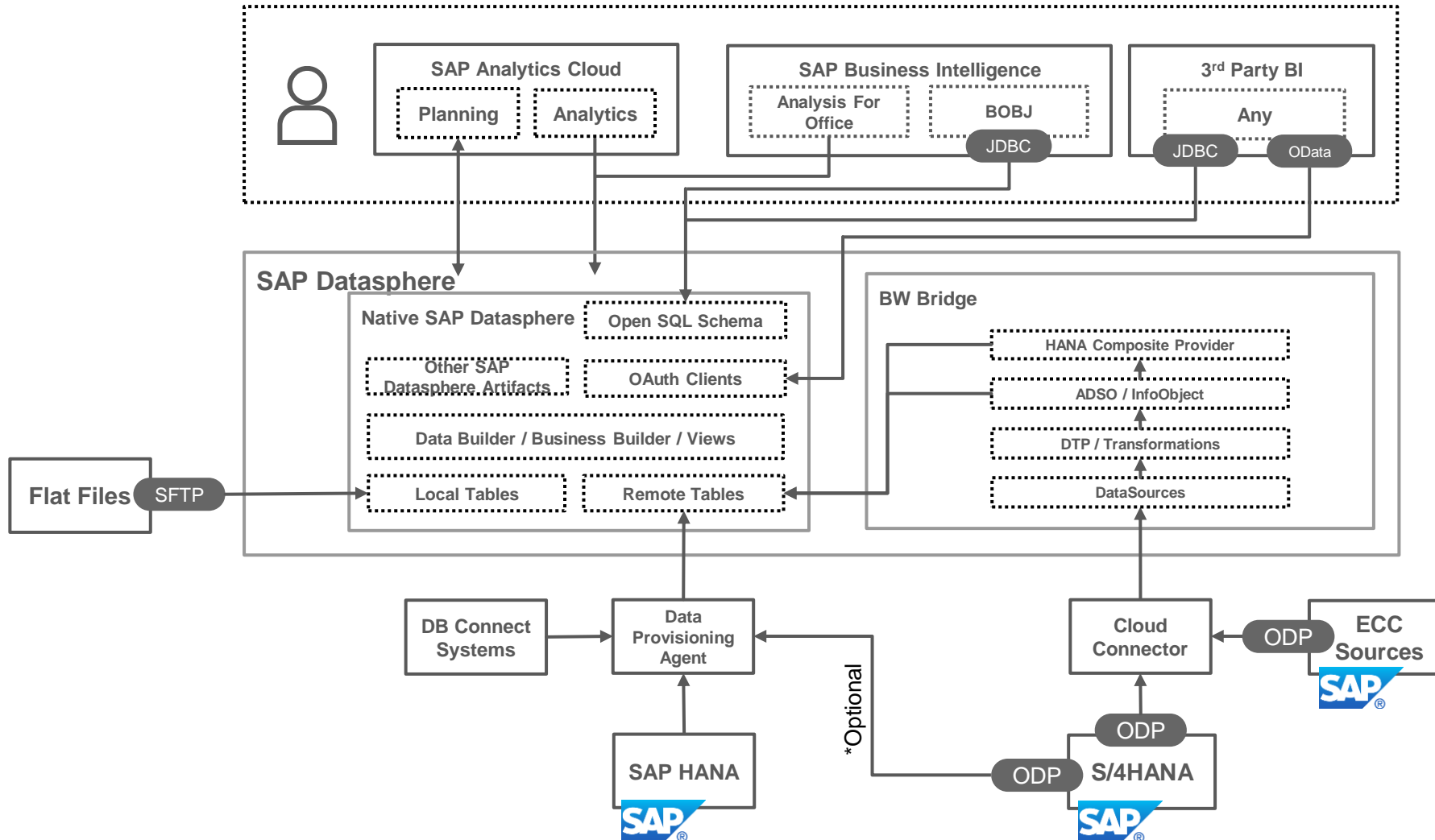
Public

Typical Customer Landscape (As-Is Landscape)
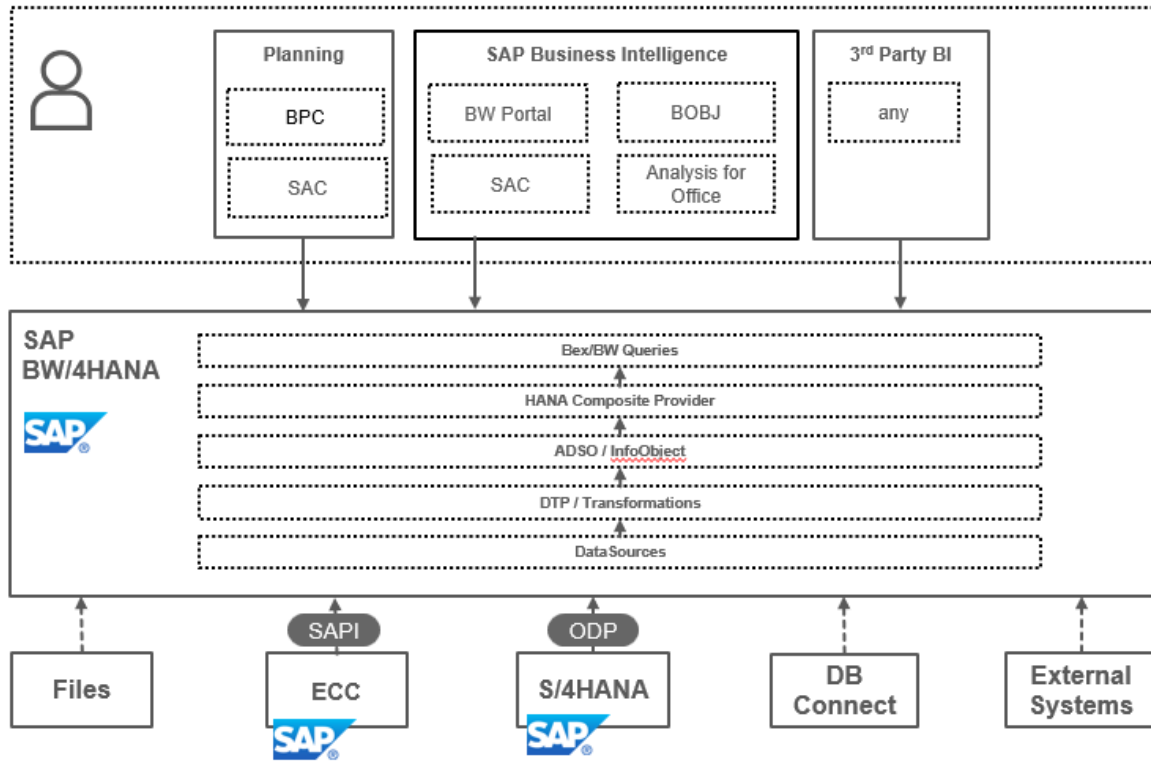
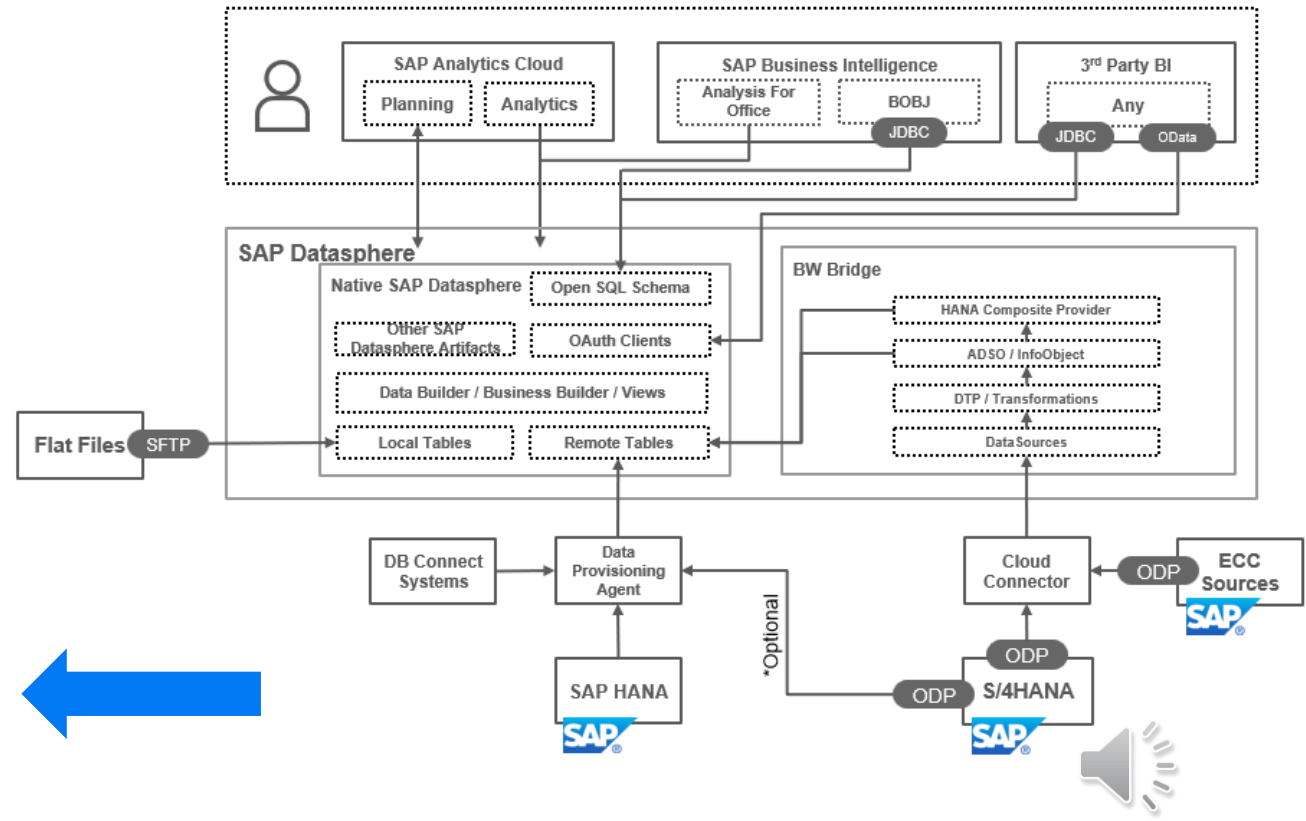# Future Customer Landscape (Target Landscape)

Understanding SAP BW/4HANA Source Systems
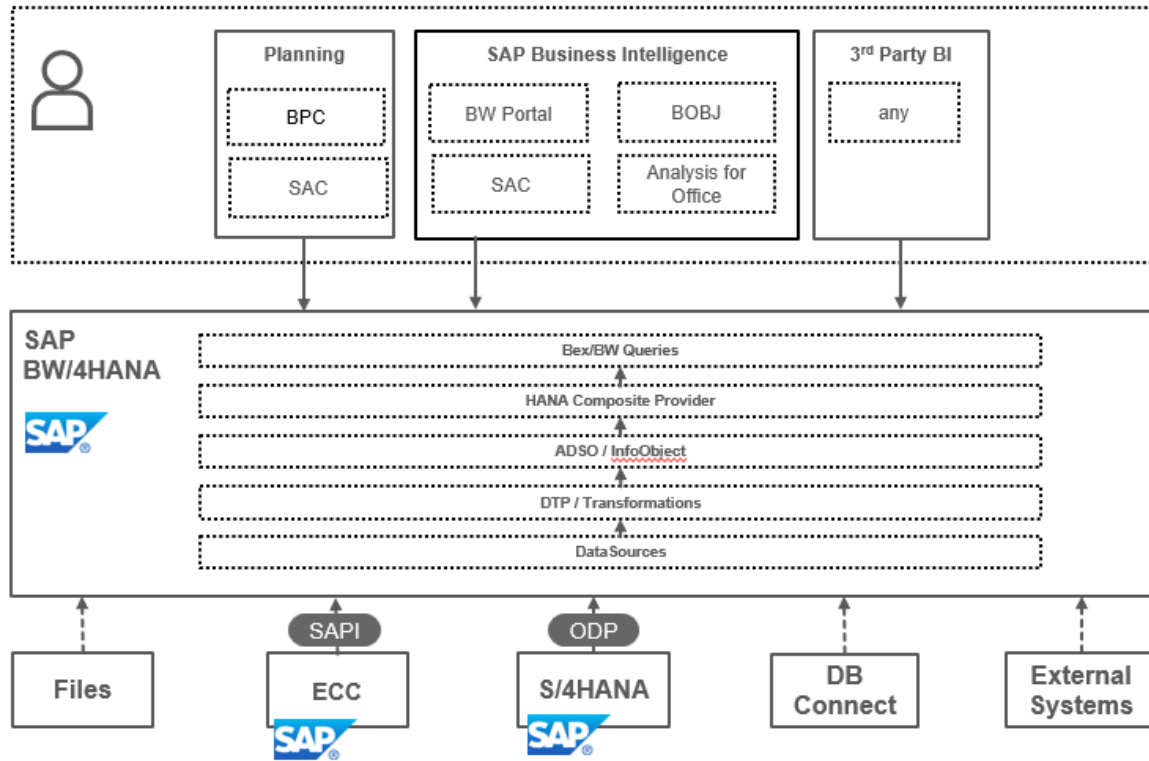

As Is Landscape

Target Landscape

Understanding SAP BW/4HANA 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.
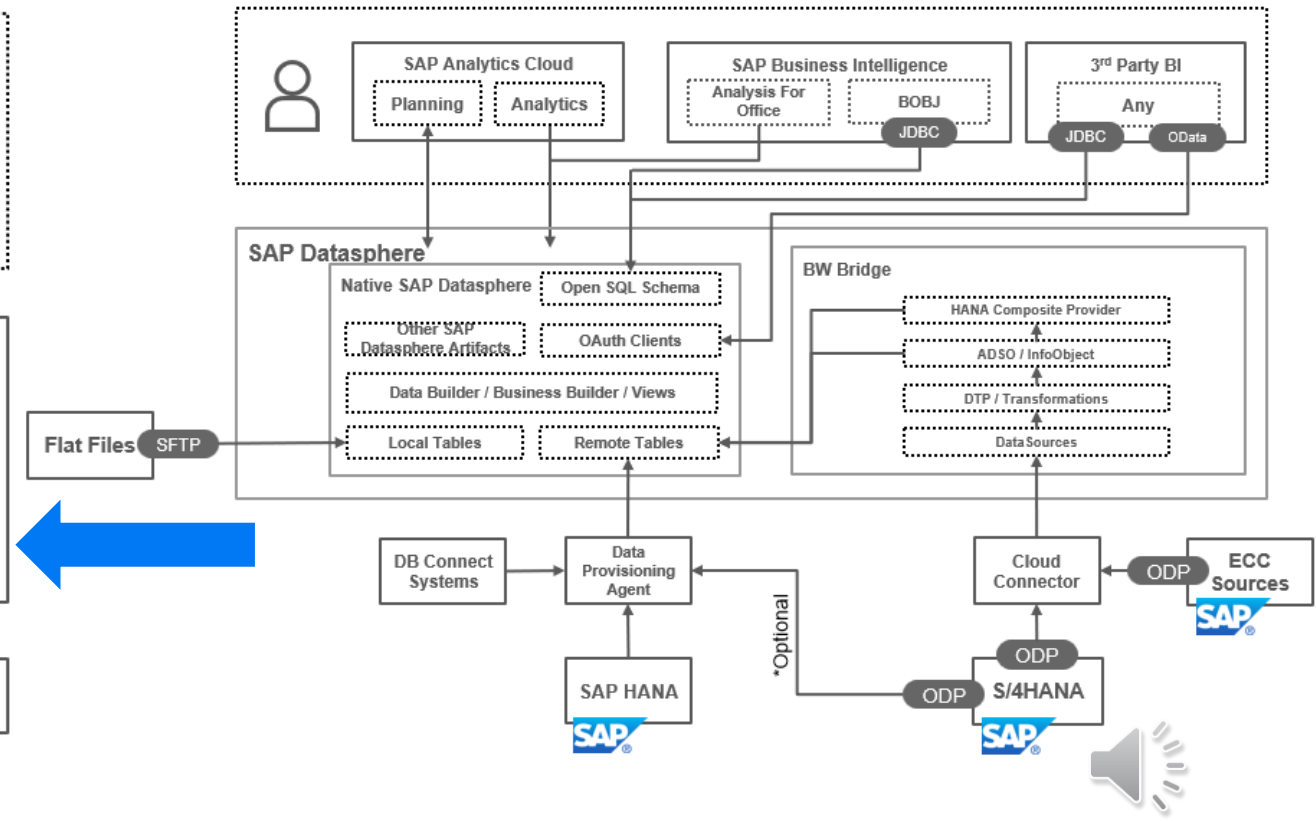
Understanding a SAP BW/4HANA System

As Is Landscape

Target Landscape

Understanding a SAP BW/4HANA System
System Preparation Overview

Prepare Phase in source systems

BW/4HANA 2021

- 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)

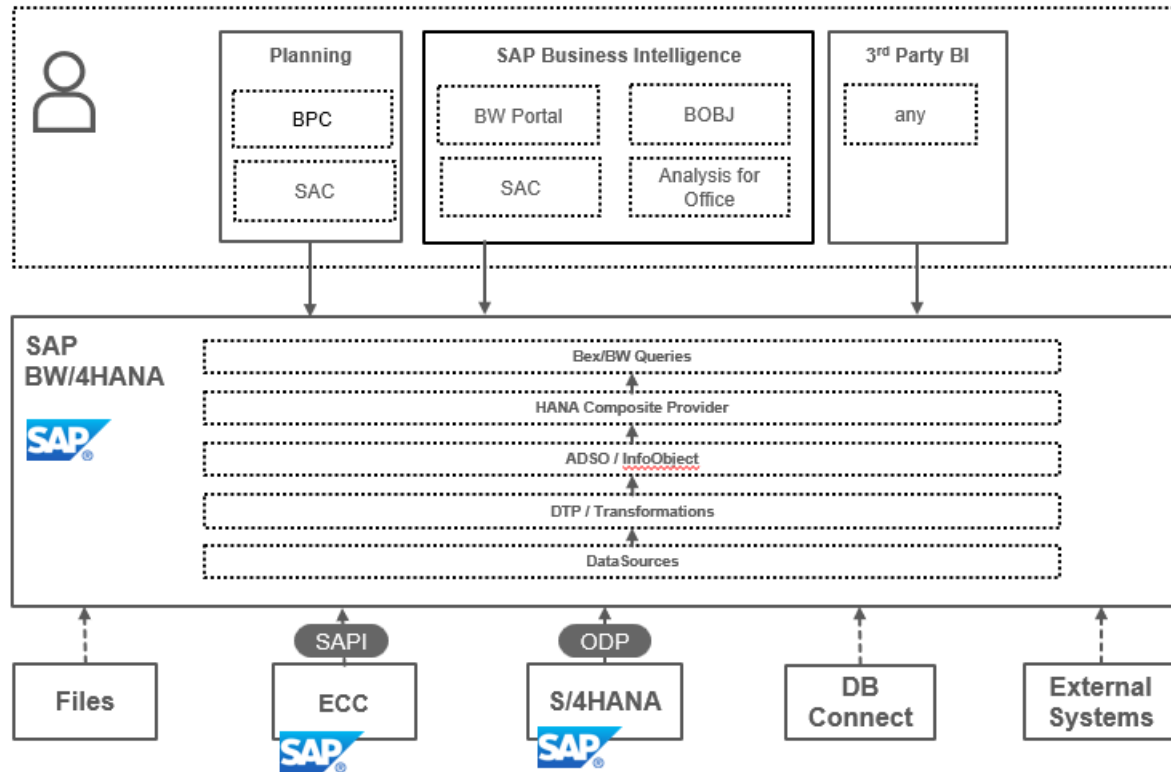| SAP Readiness Check	Conversion Check Report	Scope Selection Pre-Check*	SAP Note Analyzer	DMIS Add-on Installation	Sizing Report
Code scans	Housekeeping Activities	ABAP Routine Analyzer	Sizing Report	cloud connector Installation	Install a TCI

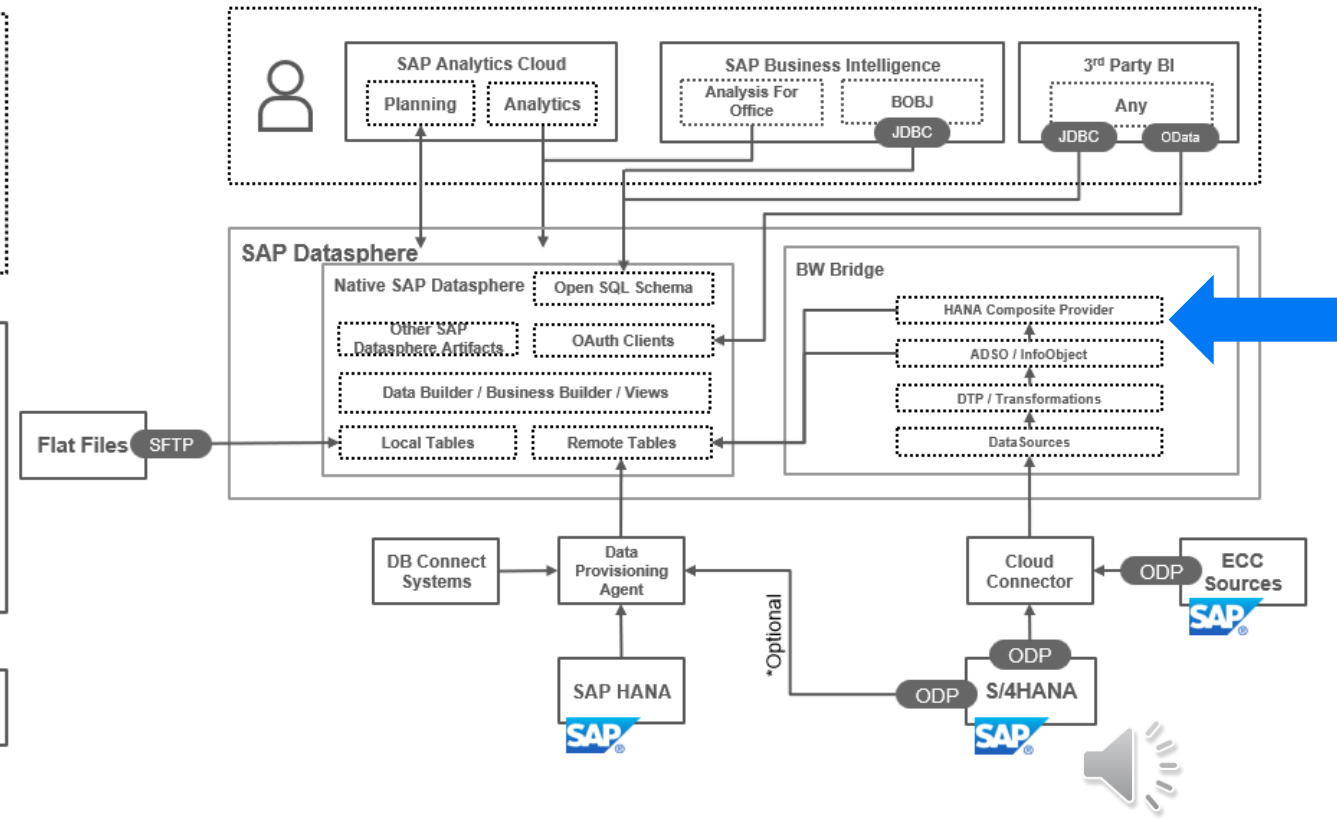# Understanding the SAP BW Bridge

As Is Landscape

Target Landscape

Understanding the SAP BW Bridge
System Preparation Overview

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

SAP Datasphere, SAP BW Bridge
Help Portal Documentation

https://help.sap.com/docs/SAP_BW_BRIDGE

Application Help 🔗

Getting Started with SAP Datasphere, SAP BW
Bridge
Onboard to SAP Datasphere, SAP BW bridge and prepare
your environment for importing data via SAP BW bridge.

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