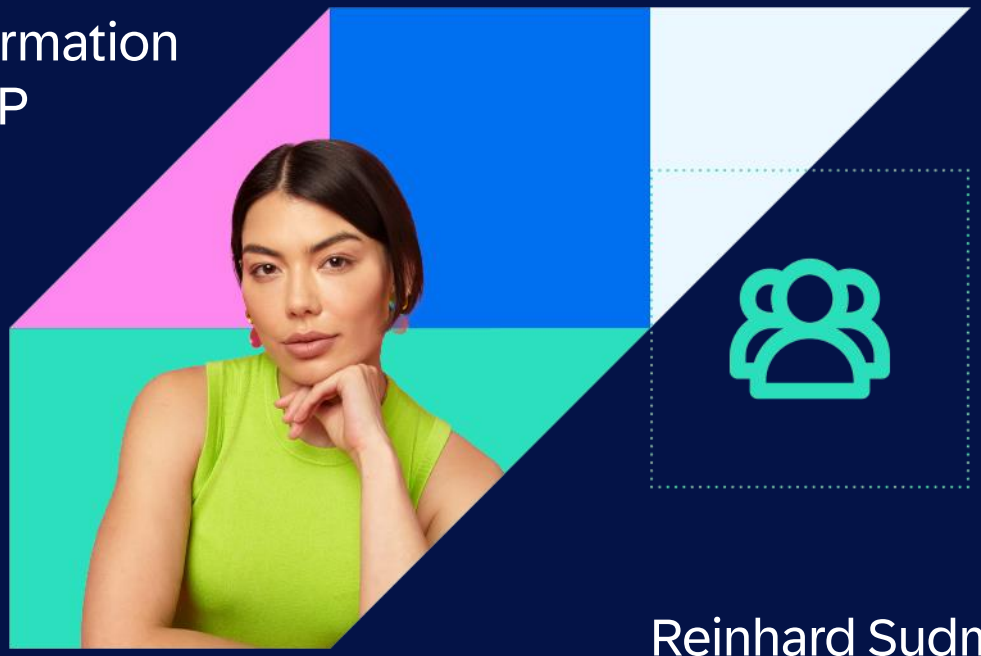
SAP TechEd

Digital Transformation
with Cloud ERP



/get ready

Jump Start – DT180

Integrating SAP S/4HANA Cloud with SAP IBP using SAP Integration Suite

Reinhard Sudmeier, Product Manager
Aman Varshney, Senior Technology Consultant

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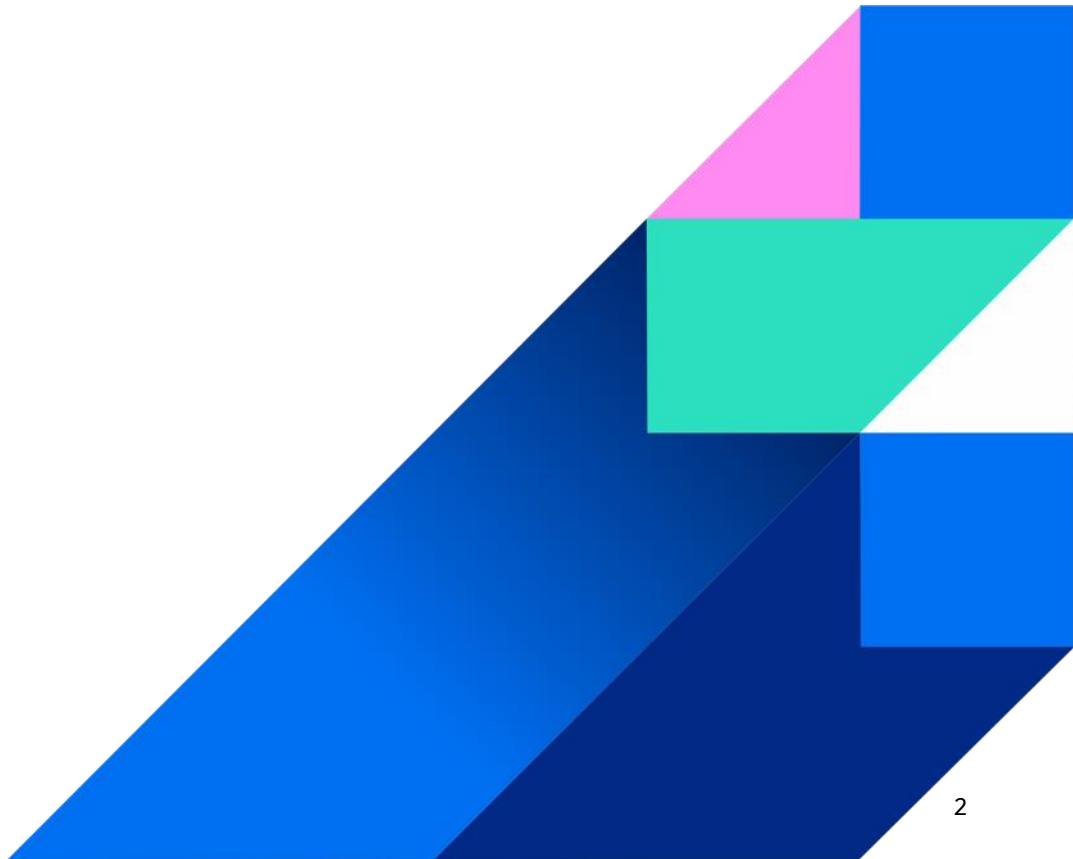
Prerequisite Skills

Basic Knowledge:

- SAP Cloud Integration (configuring, deploying/running & debugging iFlows, monitoring etc.).
- SAP Integrated Business Planning (Planning area modeling, key figures, master data, communication etc.)
- SAP S/4HANA Cloud (Plant, Product, Business Partner, Sales Order, Planned Independent Requirement, oData).

Provided System Access only for

- SAP Cloud Integration (through Tenant Booker App till **25.10.2024** EOB (CET)).



Agenda

WHAT - Objective

WHY – Covered Business Scenario

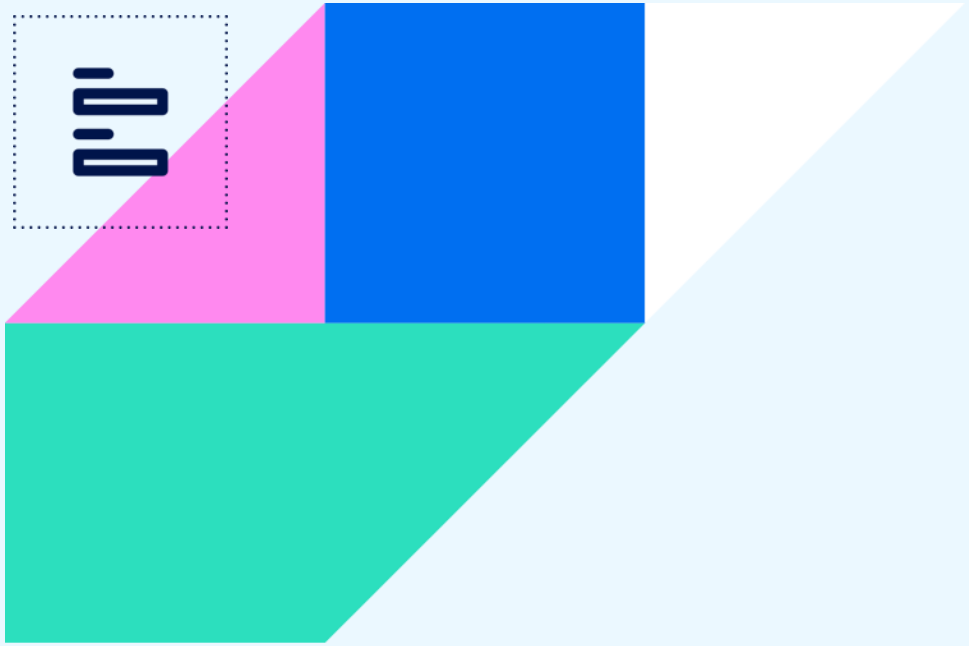
HOW

- SAP Integration Suite
- Involved Systems
- Integration Steps covered in Exercises
- Best practices content
- Link to Exercises
- Housekeeping rules

Questions

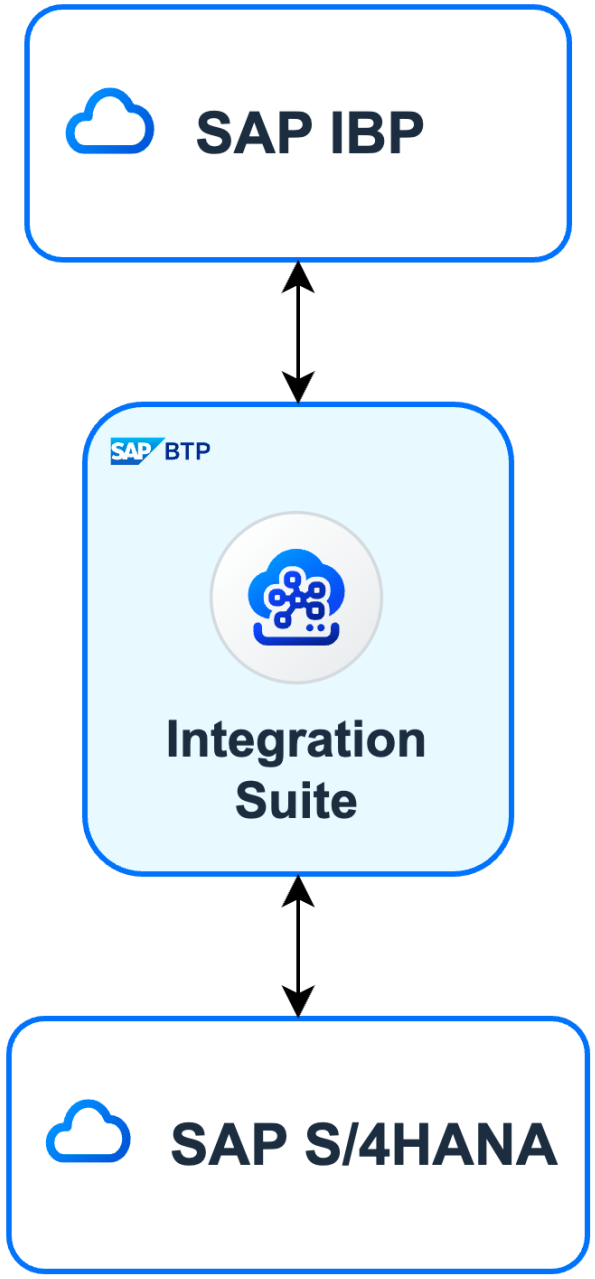
Public

WHAT ?



OBJECTIVE

- Integration between SAP IBP and SAP S/4HANA Cloud
- Explore configuration and usage of integration package SAP IBP – Integration with SAP S/4HANA Cloud
- Technical setup and connections are already available
- The main integration packages are copied, configured and deployed already
- Exercises will be about uploading, configuring, running and analysing wrapper integration flows triggering the standard integration with own configuration settings



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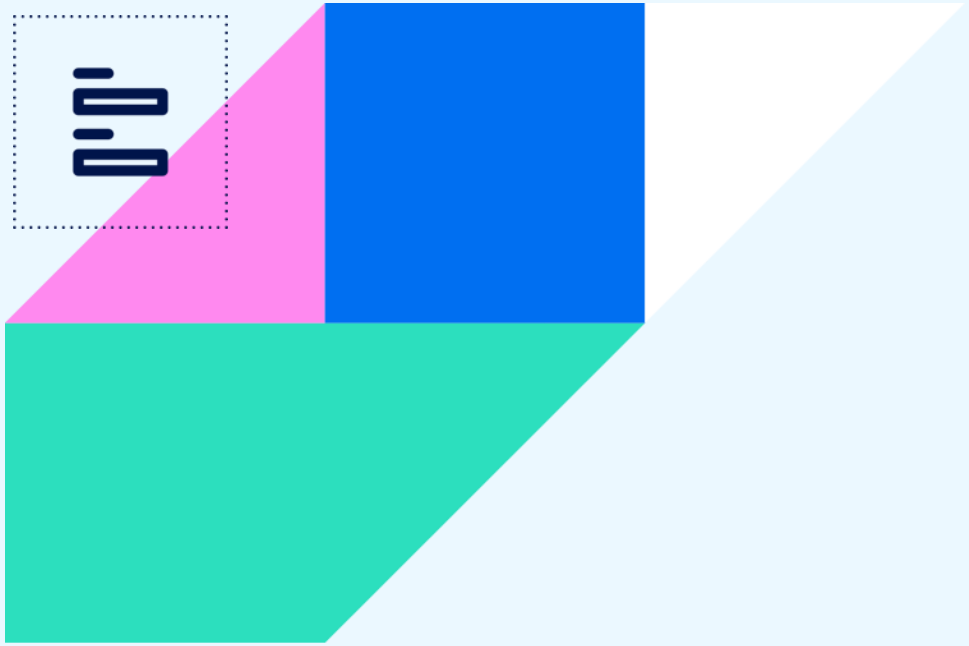
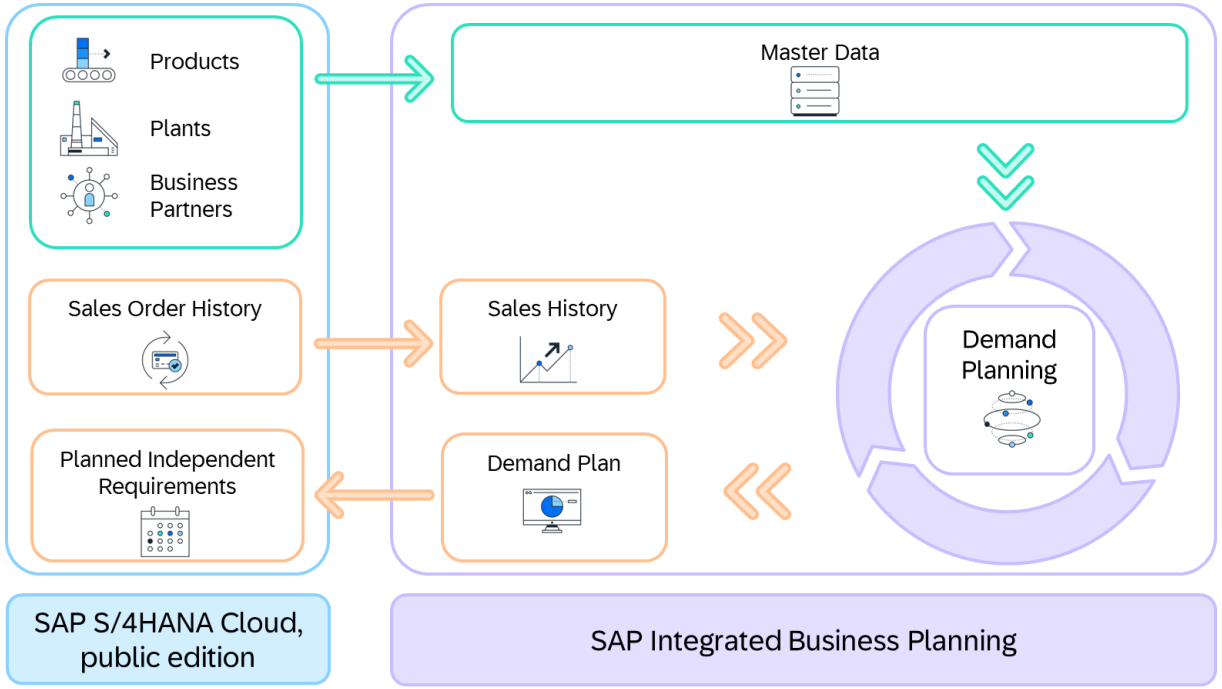
WHY ?



Demand Forecasting Scenario

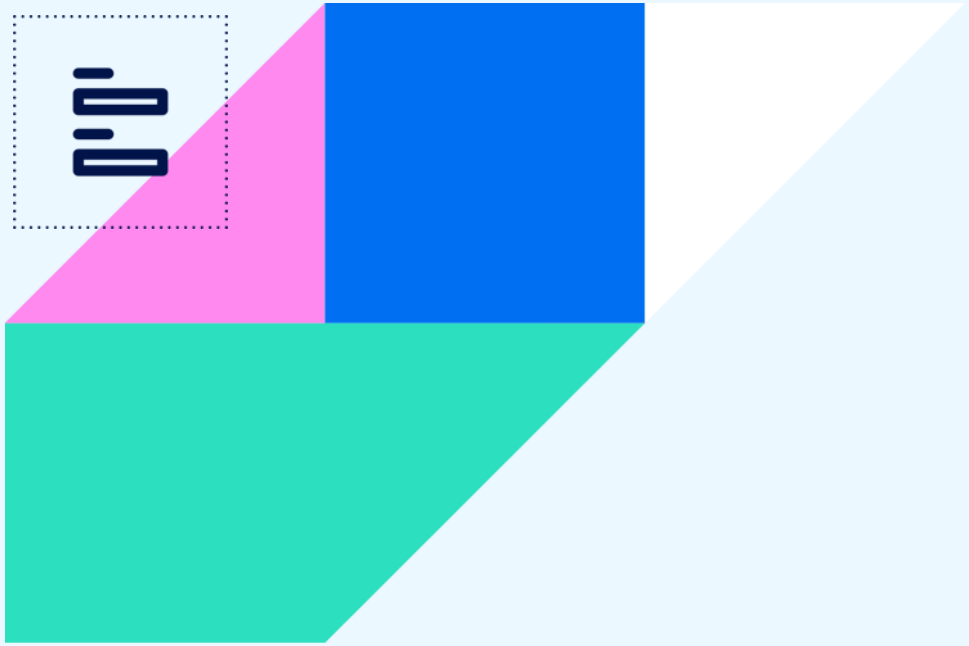


In S/4HANA Cloud Public Edition the demand forecasting capabilities are quite limited

Integration with SAP Integrated Business Planning for Supply Chain improves the intelligence of the solution

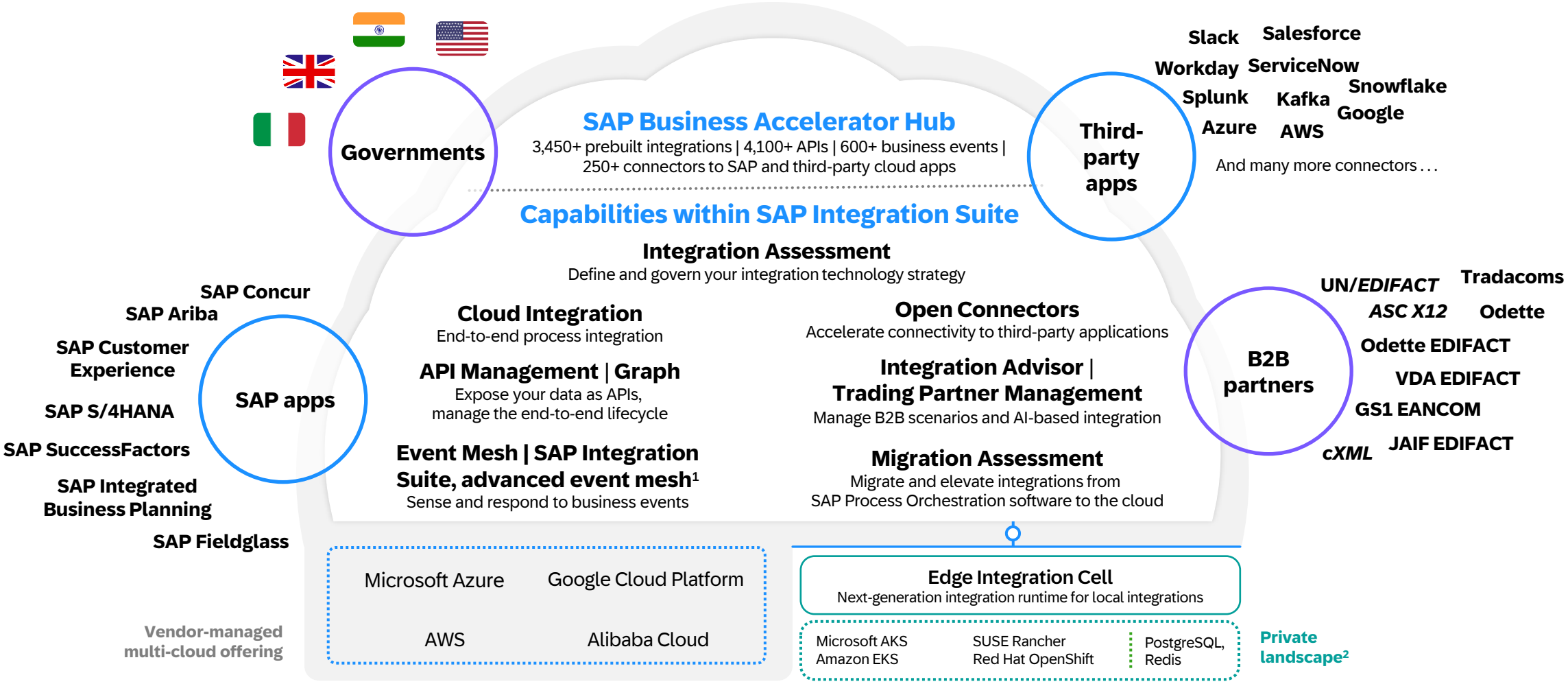
Results from IBP are input for the MRP run in S/4

HOW ?



SAP Integration Suite

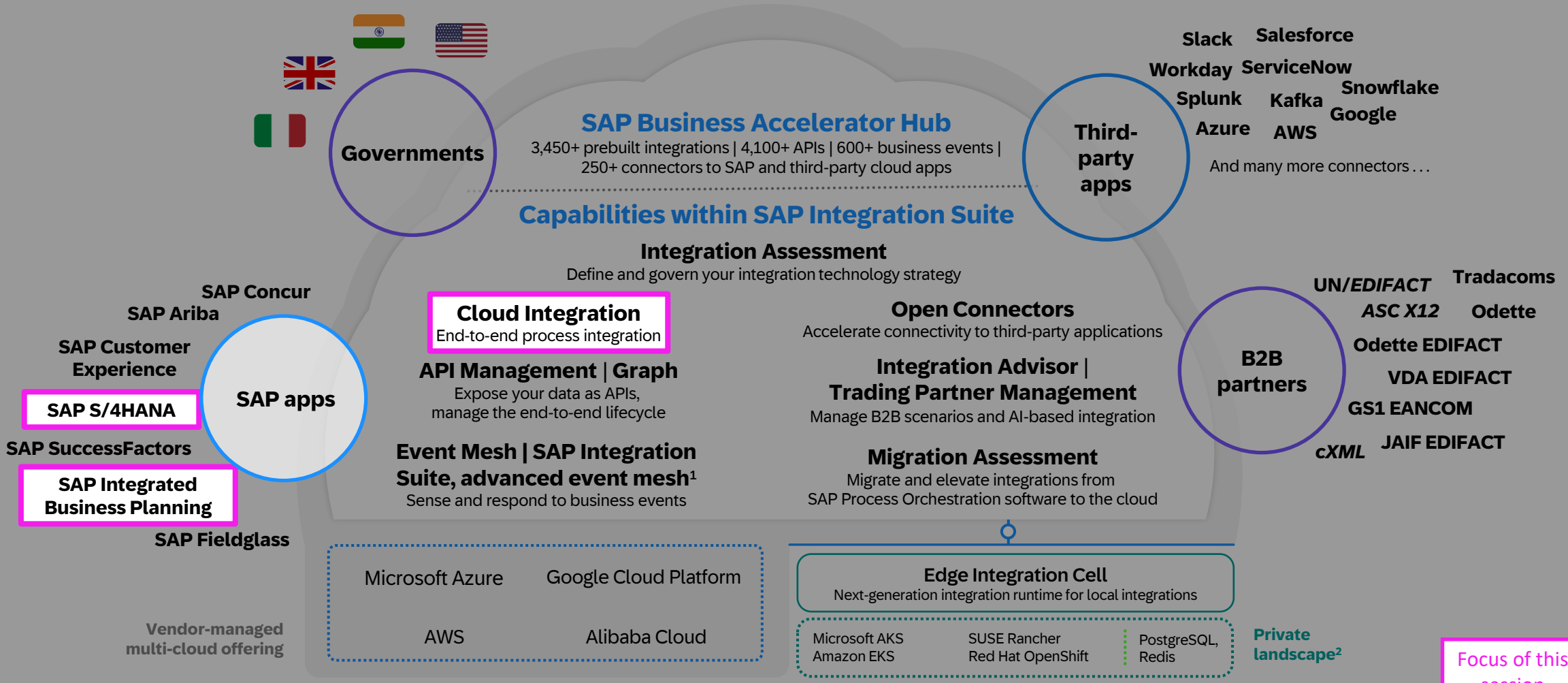
SAP's hybrid integration platform for the Intelligent Enterprise



[1] Optional separate license | [2] Private landscape corresponds to on premise or private cloud

SAP Integration Suite

SAP's hybrid integration platform for the Intelligent Enterprise



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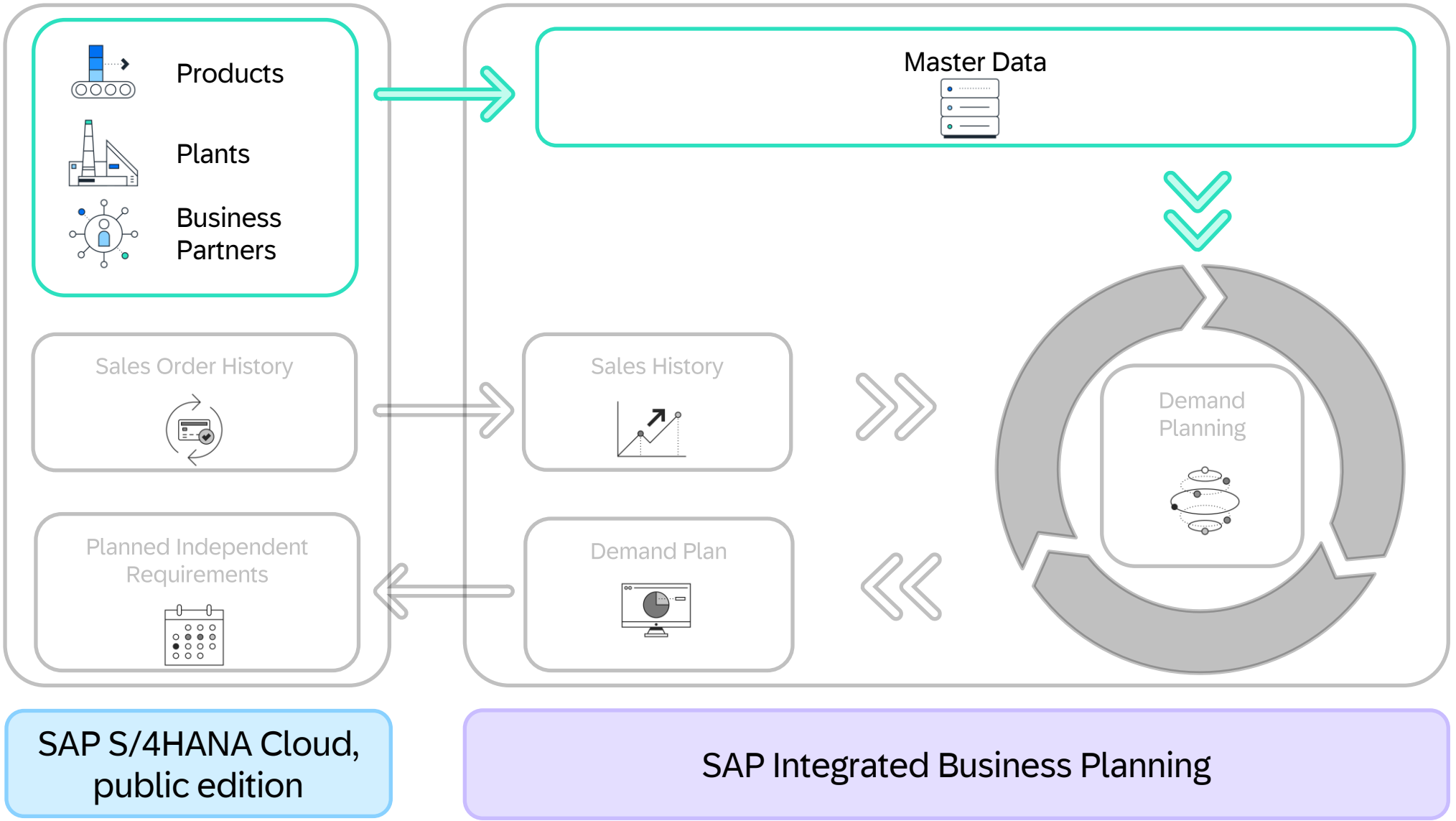
Demand Forecasting Scenario



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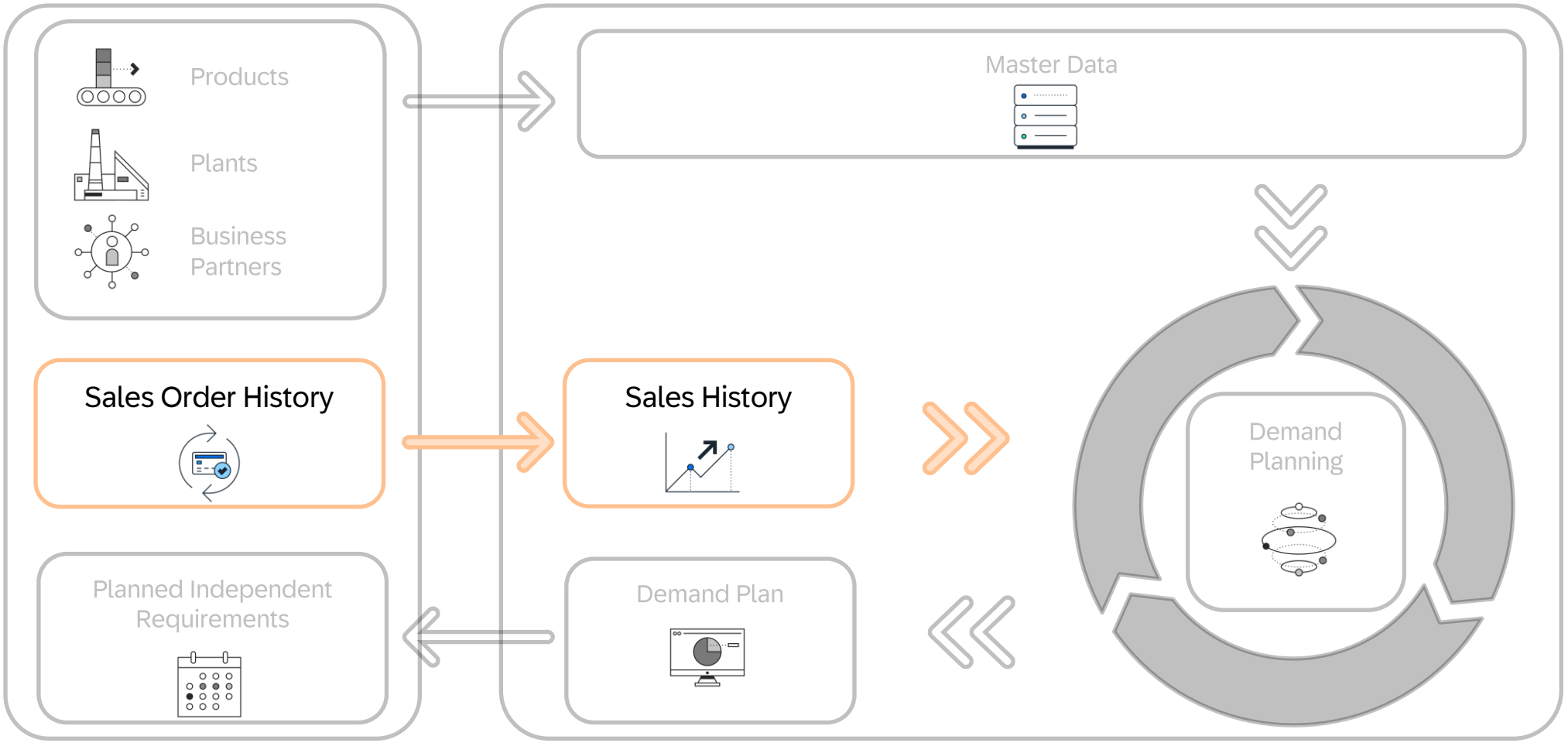

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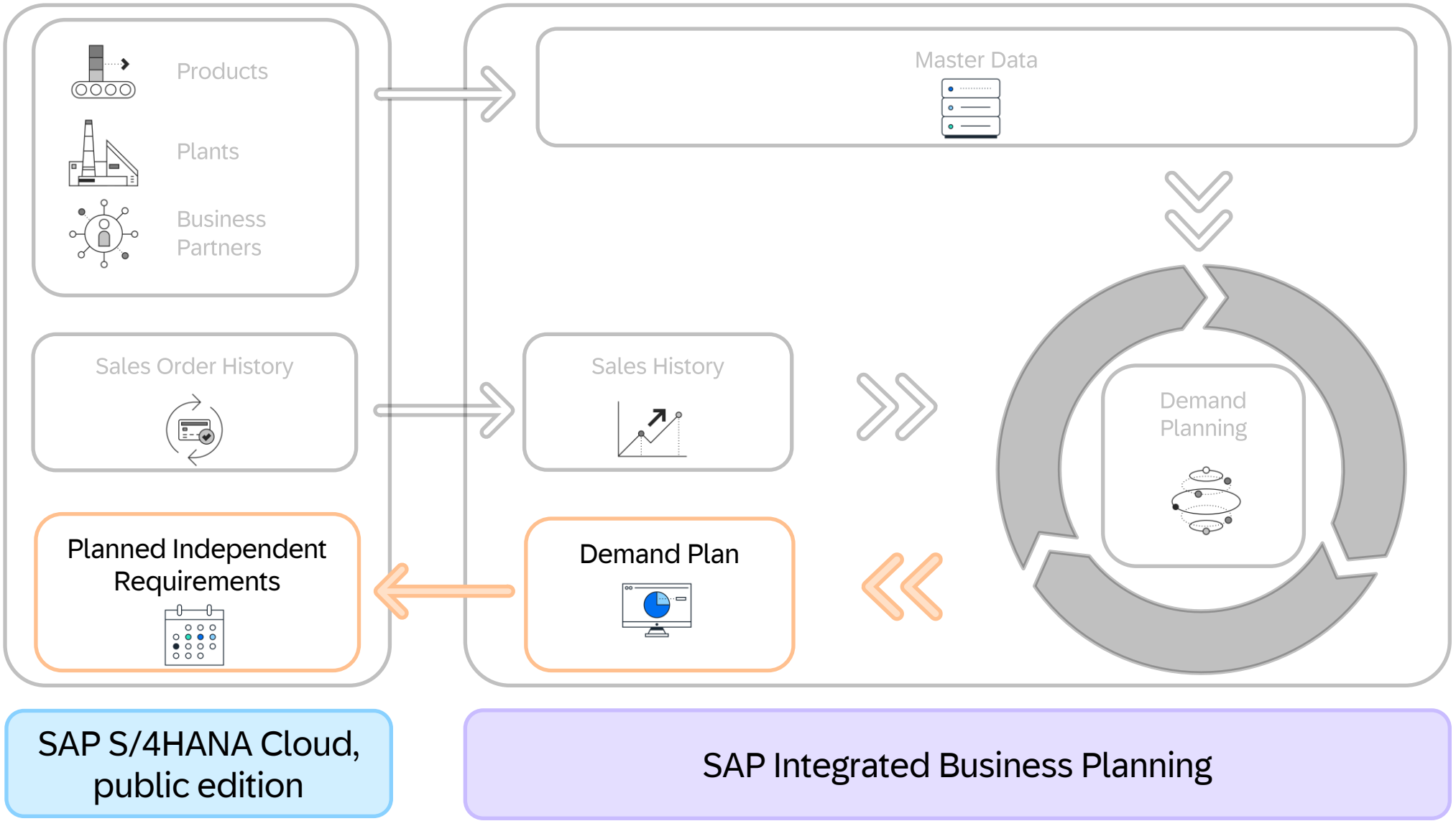

Next Step: Best Practice

Your guide into accelerating the implementation of this integration

An SAP Best Practice has been introduced specifically for this integration

- Named: IBP for demand – demand forecast for SAP S/4HANA Cloud – ID 78P (https://me.sap.com/processnavigator/SolS/EARL_SolS-034/2408/SolP/78P)
- The best practice covers both the integration and the business process in 6 steps
  - Data replication from S/4HANA Cloud to SAP IBP
  - Cleanse Historical Data
  - Run Statistical Forecasting
  - Analyze Forecast Quality
  - Analyze and Adjust Forecasting Results
  - Data replication from SAP IBP to S/4HANA Cloud
- This best practice is part of a chain of integrated processes with preceding and succeeding practices to cover an end-to-end supply chain plan

DT180 - Integrating SAP S/4HANA Cloud with SAP IBP using SAP Integration Suite

Description

This repository contains the material for the SAP TechEd 2024 session called DT180 - Integrating SAP S/4HANA Cloud with SAP IBP using SAP Integration Suite.

Overview

This session introduces attendees to the SAP Integration Suite part of the demand planning integration between SAP S/4HANA Cloud Public Edition and SAP Integrated Business Planning for Supply Chain (SAP IBP). The SAP IBP solution holds a breadth of ERP information that is critical for many supply chain planning scenarios. SAP S/4HANA Cloud Public Edition stands as a system of record and is important for planning data in SAP IBP. As a result, the need for integrating SAP IBP with SAP S/4HANA is critical for customers. Learn how to setup, configure and run this integration in SAP Integration Suite using interfaces in SAP IBP to exchange volumes of data with SAP S/4HANA Cloud Public Edition.

Requirements

The requirements to follow the exercises in this repository are:

- You need an SAP user (type P,S,I or D)
- You need to register yourself in the booker app with an email that was not used for another user already: TechEd Tenant Booker Application

Exercises

Do it yourself following the detailed steps in the GitHub link below

https://github.com/SAP-samples/teched2024-DT180

Housekeeping Rules for the Exercises

Only configure and deploy your own iFlows

Changing the log level of the standard iFlows is allowed, but set log level trace only if needed and avoid error and none.

Don’t change the configuration of parameters not mentioned in the exercises if you are uncertain about the consequences

If you are stuck have a look at the GitHub for any news shared by us.

If sending an email to Reinhard cannot be avoided please provide your user Id and the tenant you are working with.

Session IN280 describes how to integrate SAP IBP with other systems than S/4HANA Cloud using a similar approach

Demo

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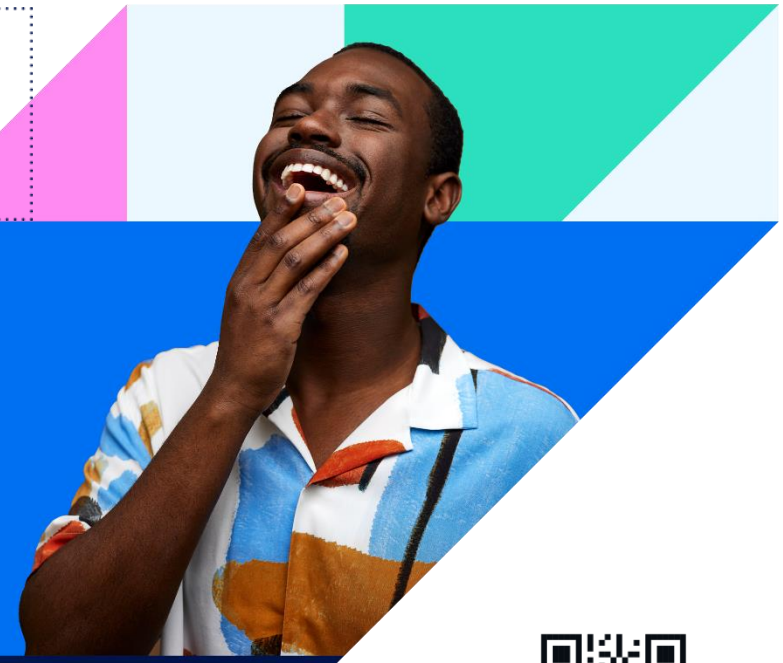

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Contact information:

Reinhard Sudmeier
reinhard.sudmeier@sap.com

Aman Varshney
aman.varshney@sap.com

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