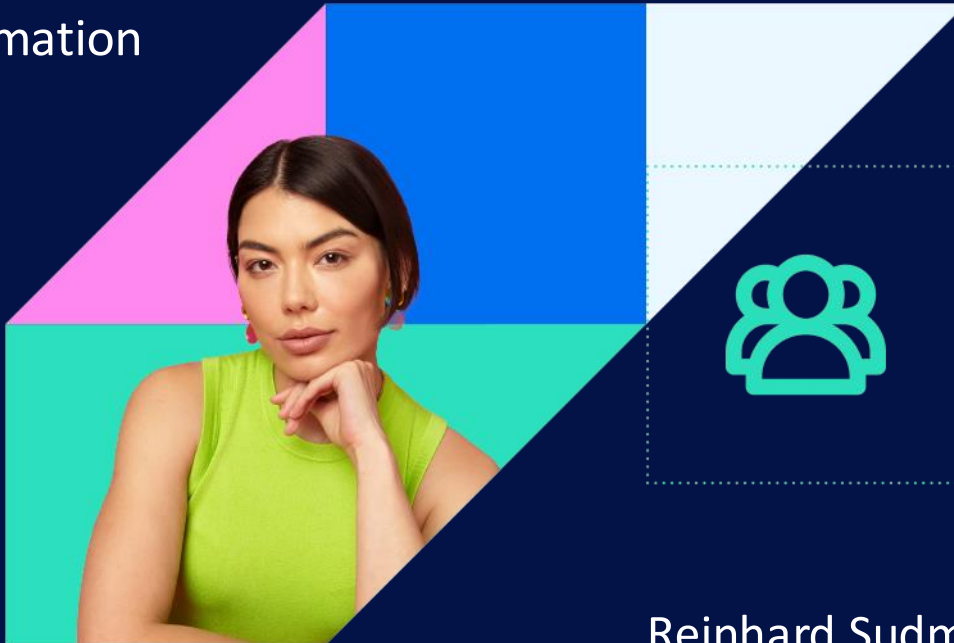


Digital Transformation  
with Cloud ERP



/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

# Prerequisite Skills

Basic Knowledge could be helpful:

- [SAP Cloud Integration](#) (building & debugging iFlows, configuration of destinations, keys, monitoring etc.).
- [SAP Integrated Business Planning](#) ( Planning area modeling, key figures, master data, communication etc.)
- [SAP S/4HANA Cloud](#) (Product, Business Partner, Sales Order, Planned Independent Requirement).

Provided System Access only for

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

# Agenda

WHAT - Objective

WHY - Challenges and Opportunity

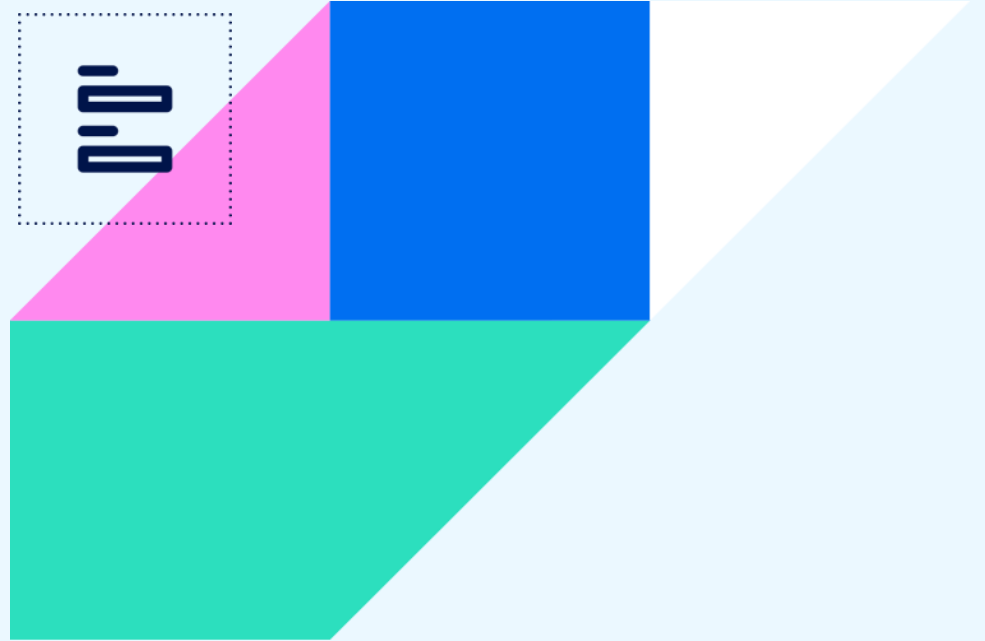
HOW

- High Level Architecture Diagram
- Prerequisites
- Required Access
- SAP IBP Inbound
- SAP IBP Outbound
- Exercises

Questions

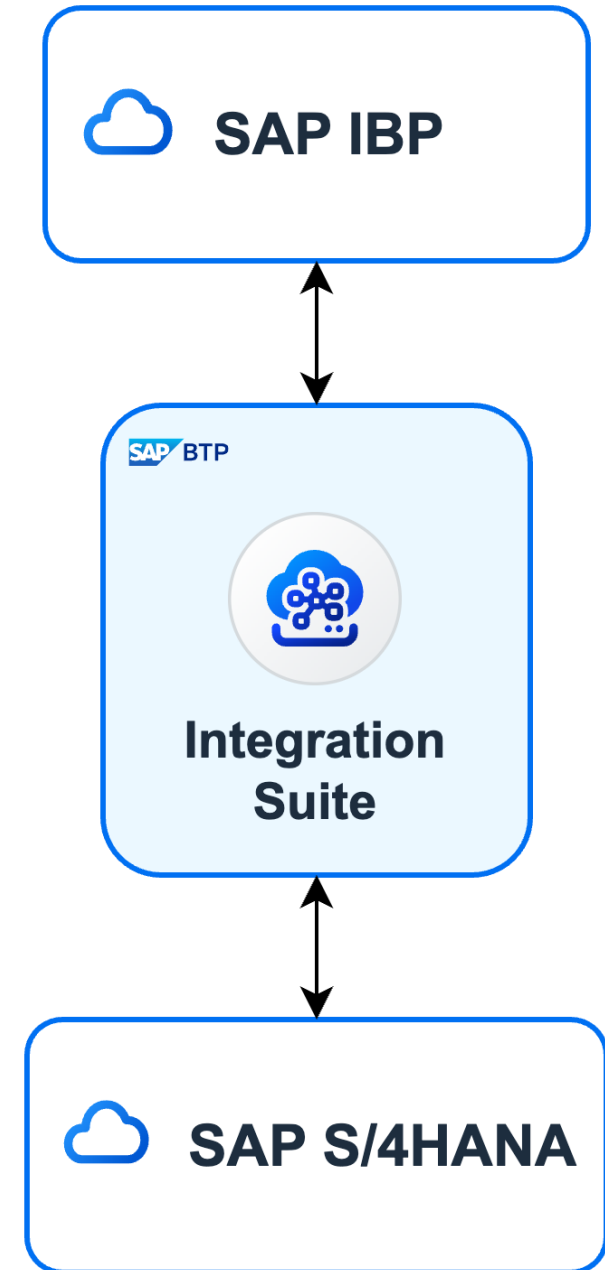


WHAT ?

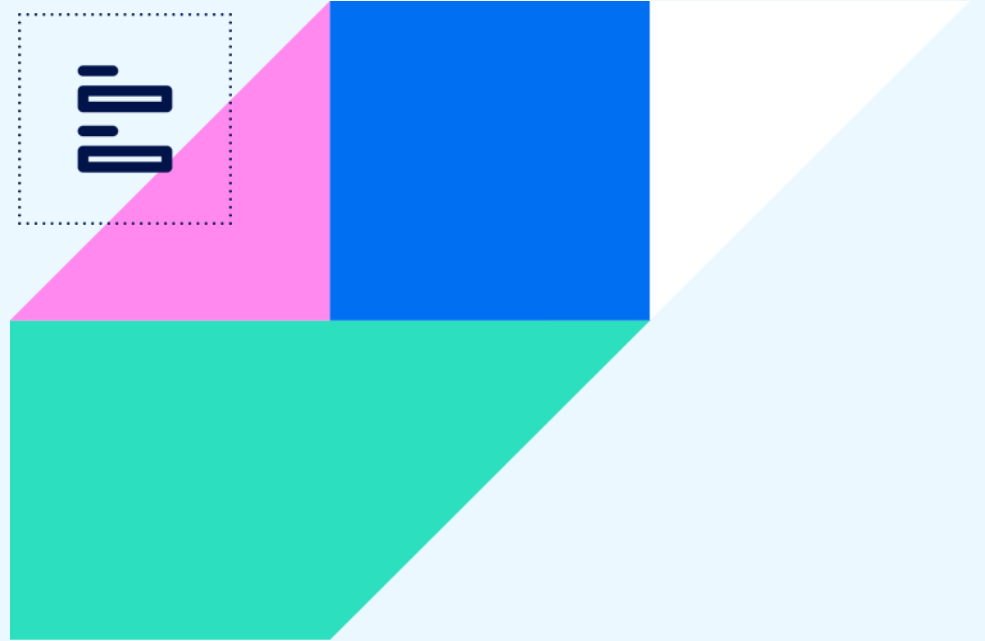


# OBJECTIVE

- 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
- The exercises will be about uploading, configuring, running and analysing wrapper integration flows triggering the standard integration



WHY ?

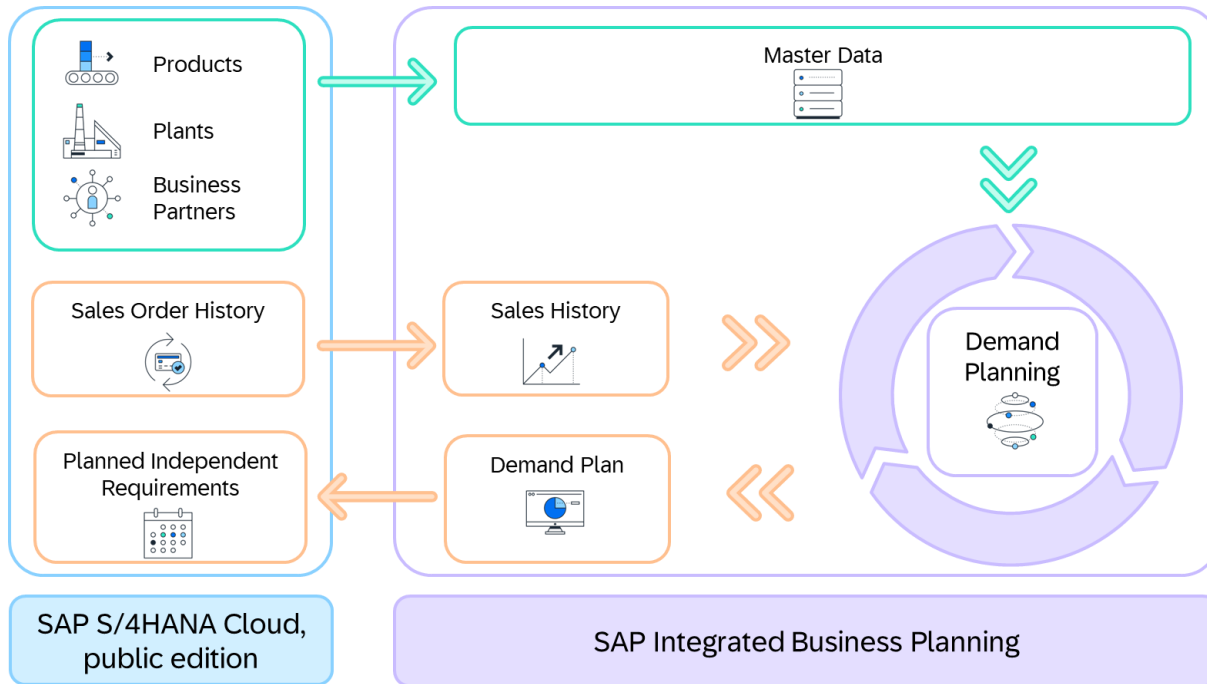


## Demand Forecasting Scenario

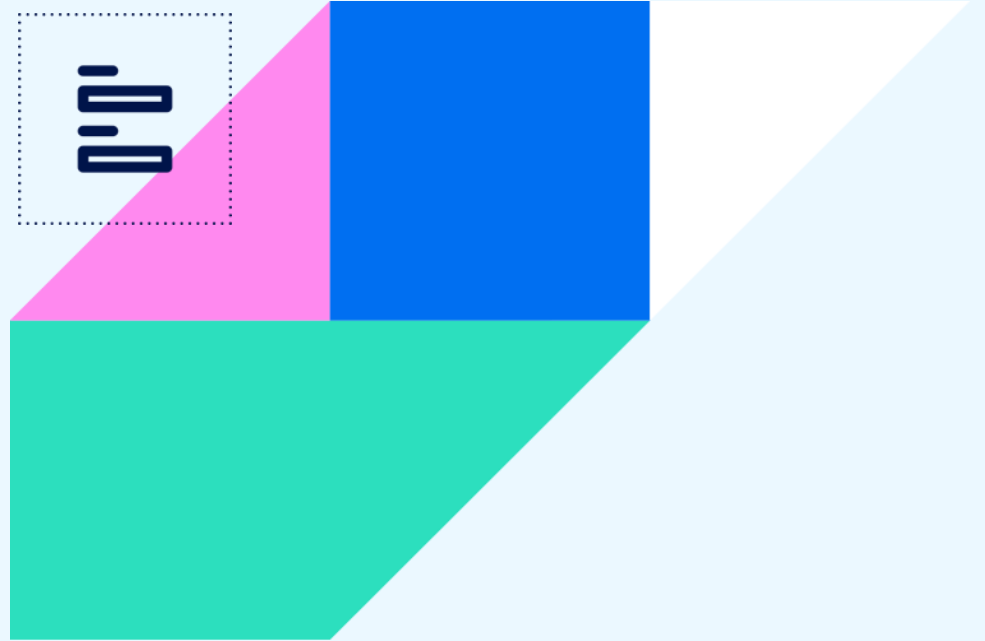
In S/4HANA Cloud Public Edition the demand forecasting capabilities are quite limited

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



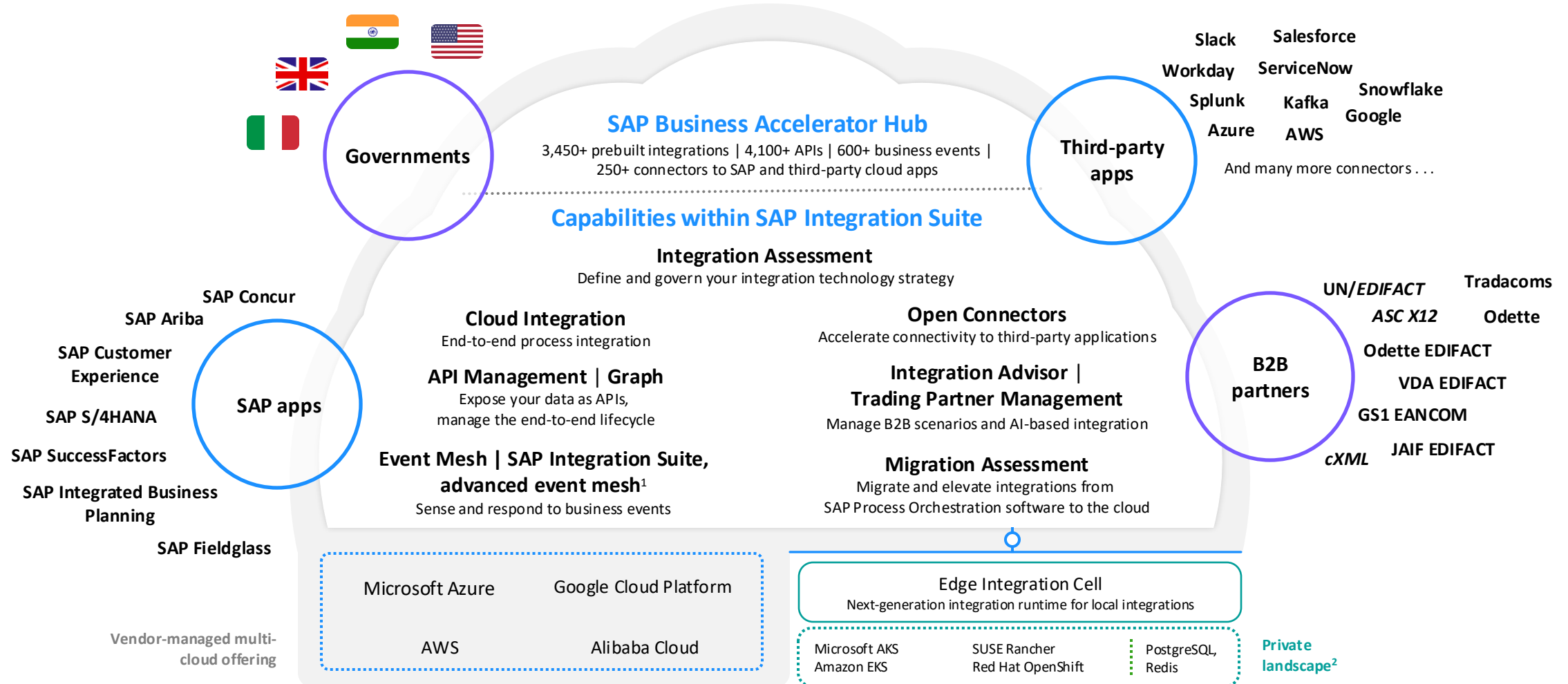
HOW ?





# SAP Integration Suite

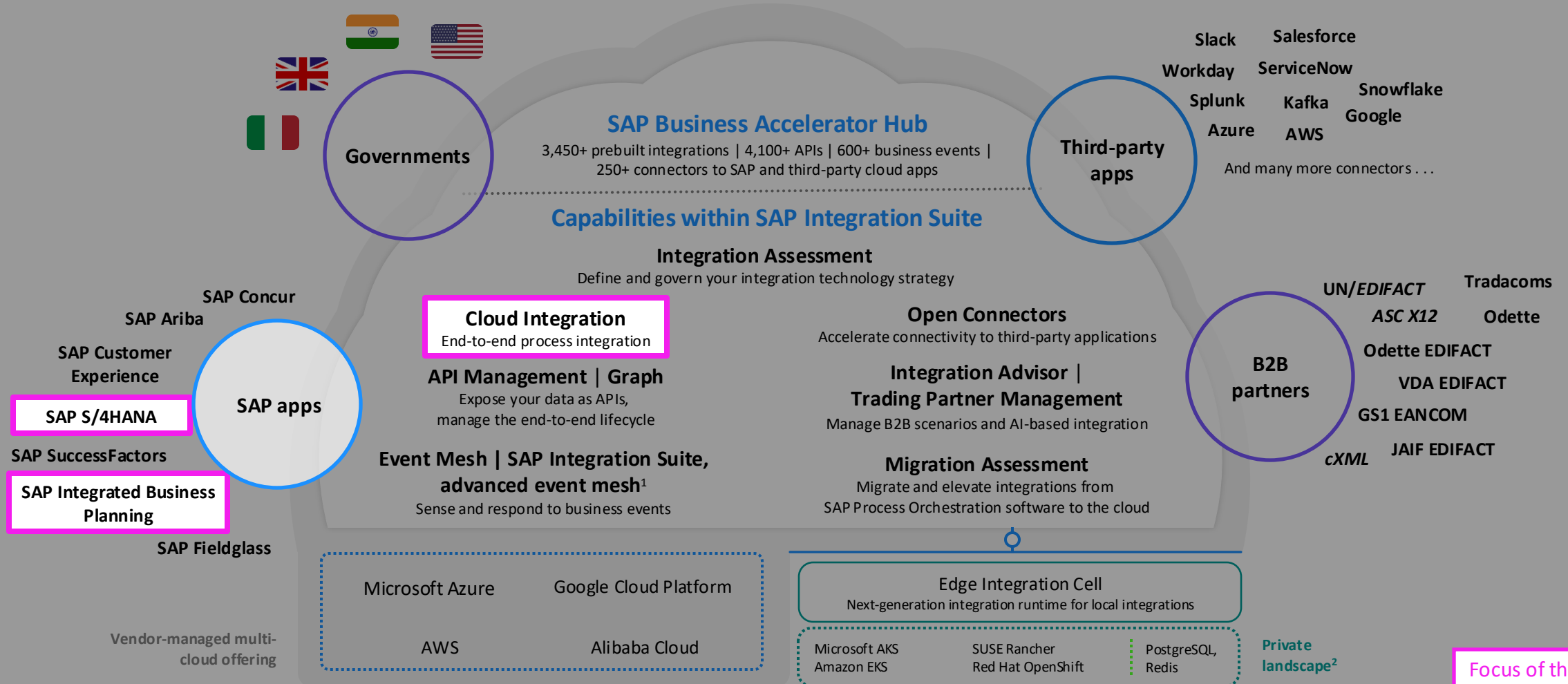
SAP's hybrid integration platform for the Intelligent Enterprise



<sup>1</sup> Optional separate license | <sup>2</sup> Private landscape corresponds to on premise or private cloud

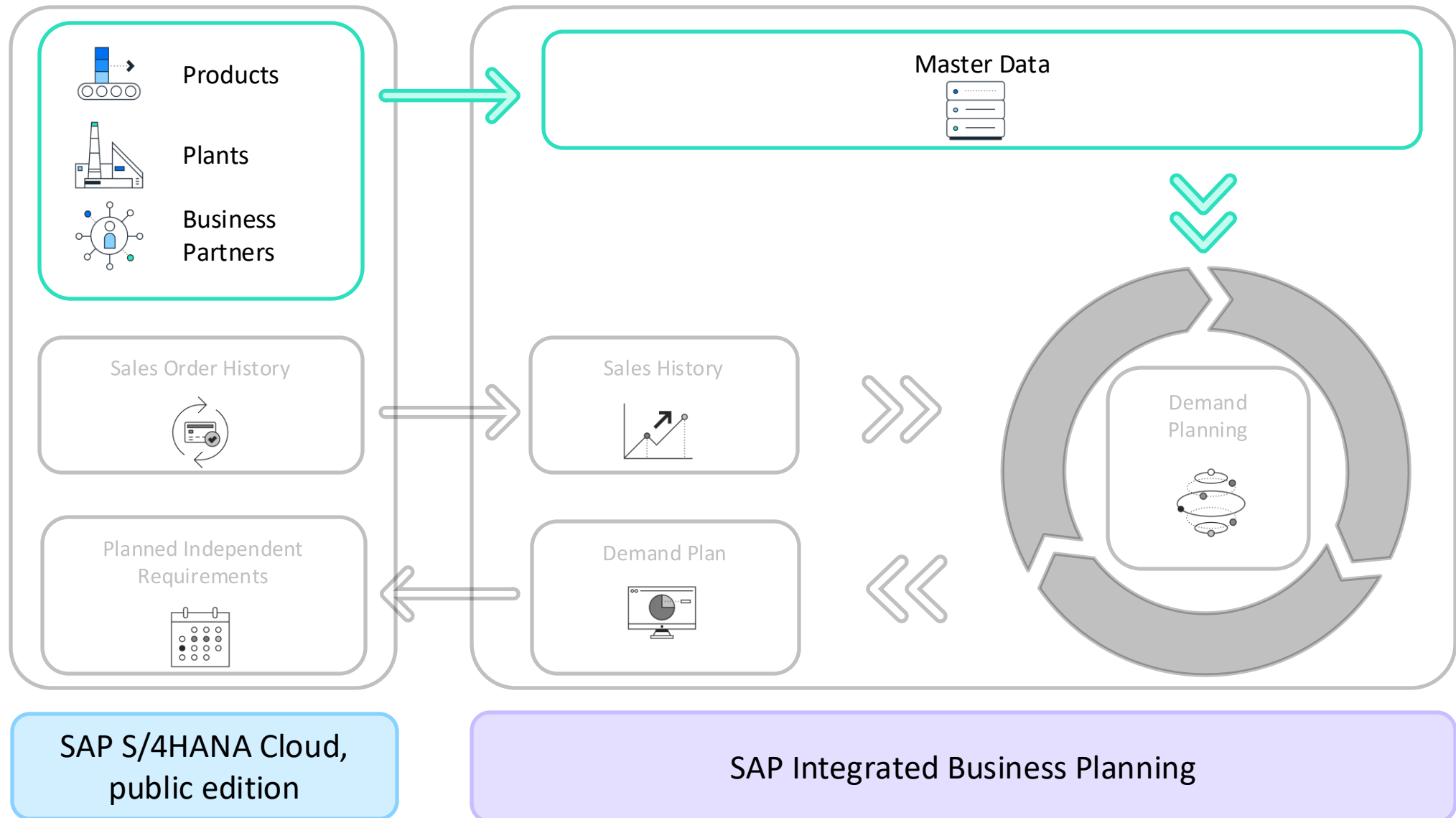
# SAP Integration Suite

SAP's hybrid integration platform for the Intelligent Enterprise

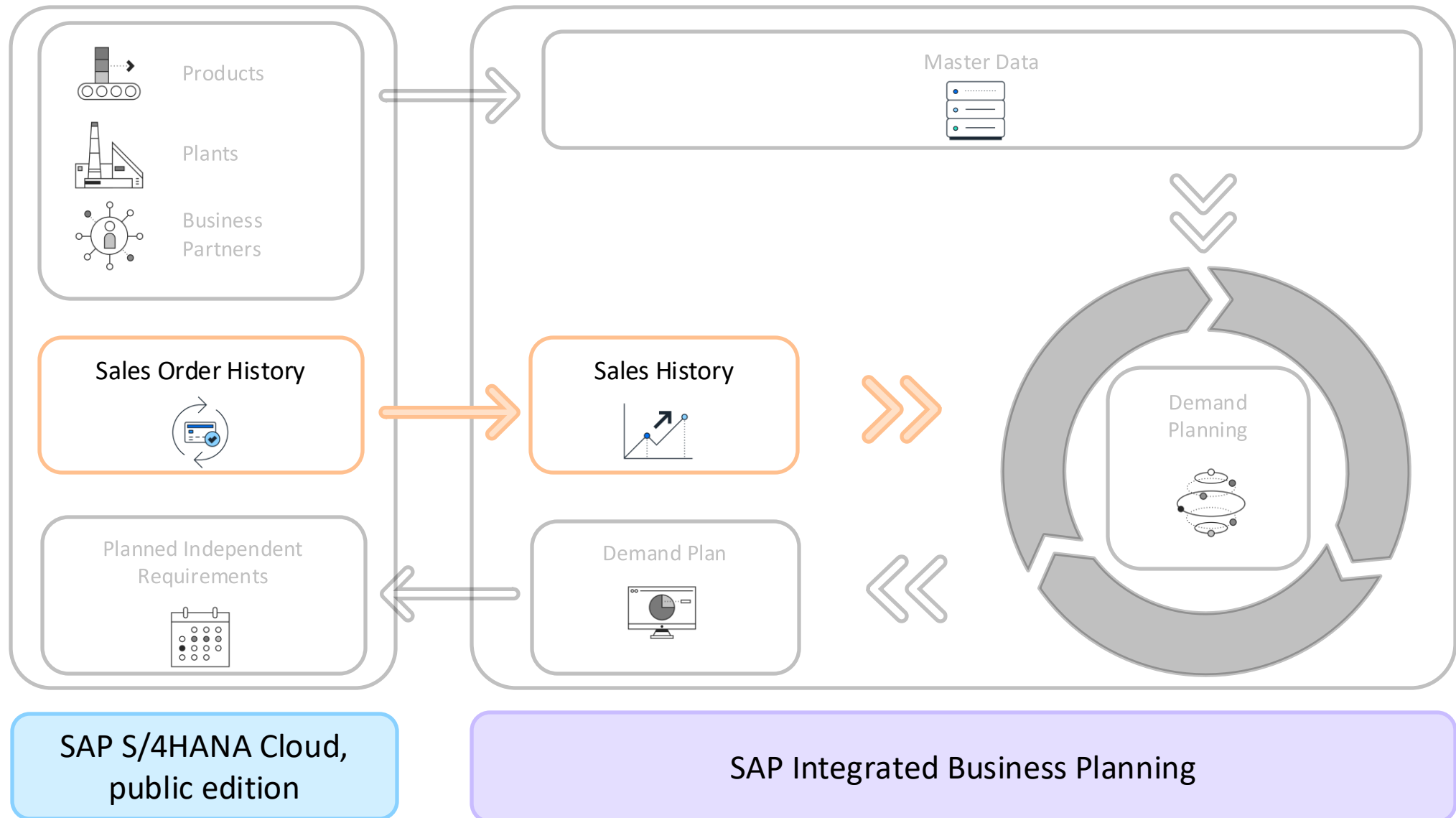


<sup>1</sup> Optional separate license | <sup>2</sup> Private landscape corresponds to on premise or private cloud

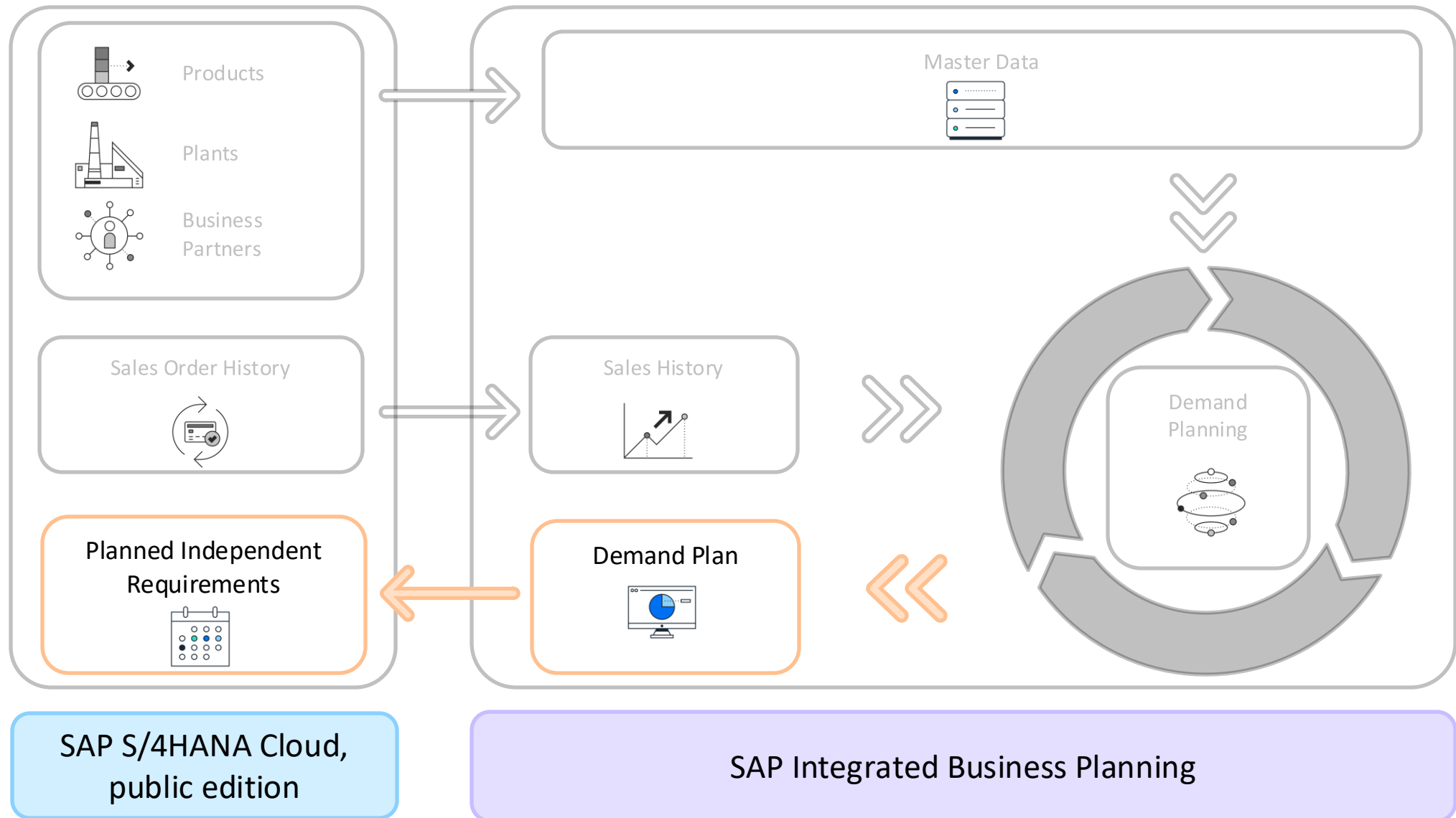
# Demand Forecasting Scenario



# Demand Forecasting Scenario



# Demand Forecasting Scenario



# Next Step: Best Practice

Your guide into accelerating the implementation of this integration

## **A new SAP Best Practice has been introduced specifically for this integration**

- ❑ Named: IBP for demand – demand forecast for SAP S/4HANA Cloud – ID 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](#)

Integration Suite Tenant Booker Application

USER ID (P/S/I/D USER) D[REDACTED]

Book Tenant

User Password [REDACTED]

#### Tenant Details

Tenant URL for SAP Integration Suite: <https://teched2024-eu03.integrationsuite.cfapps.eu20-001.hana.ondemand.com/shell/home>

## Exercises

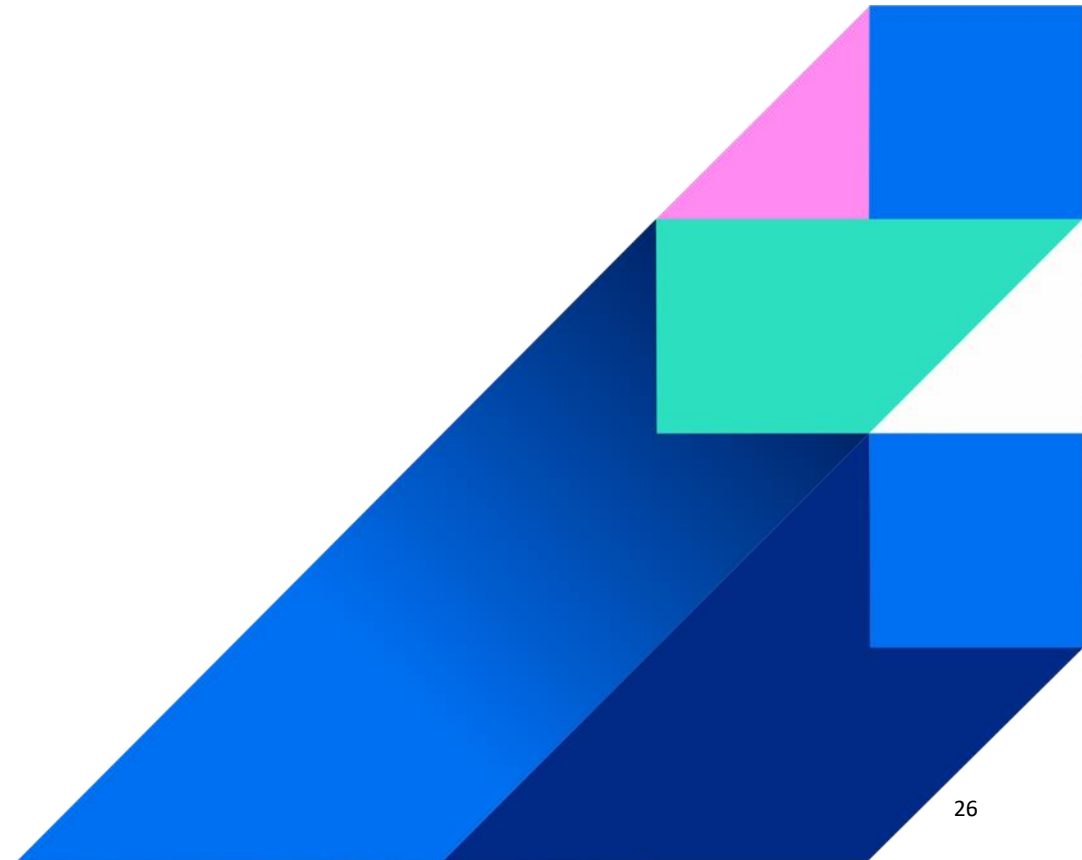
Do it yourself following the detailed steps in the GitHub link below

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





Demo





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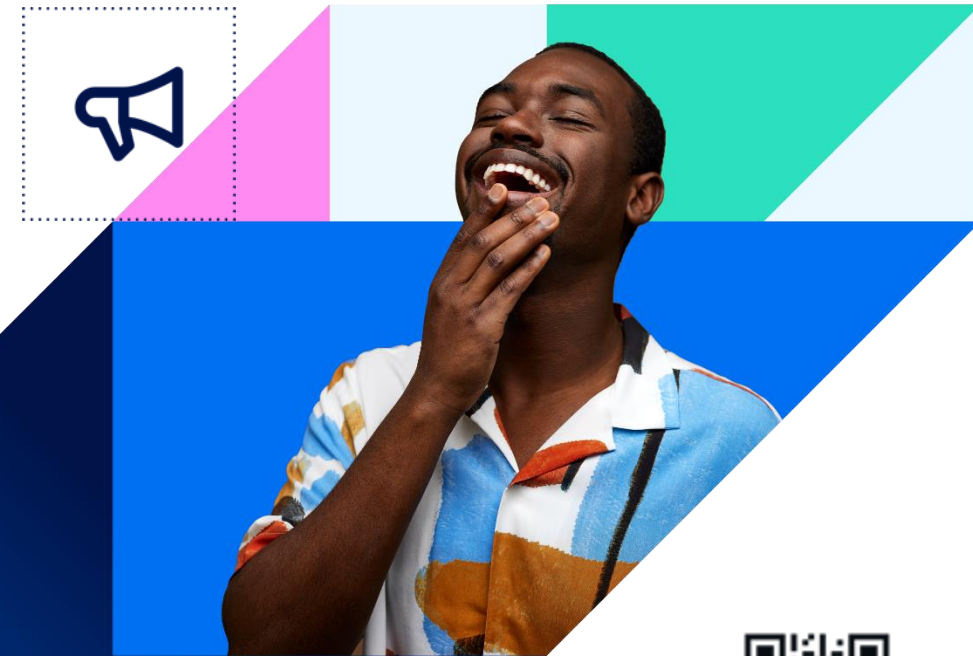
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# /thank you



Contact information:

Reinhard Sudmeier  
[reinhard.sudmeier@sap.com](mailto:reinhard.sudmeier@sap.com)

Aman Varshney  
[aman.varshney@sap.com](mailto:aman.varshney@sap.com)

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