

Microsoft Power BI Integration with SAP S/4HANA Cloud Private Edition

Configuration Guide

INCTURE

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## 1. Overview

### 1 Introduction

This public configuration guide describes the necessary configuration to execute the interface delivered in the package, to integrate with SAP S/4HANA Cloud Private Edition and Microsoft Power BI.

Microsoft Power BI Integration with SAP S/4HANA Cloud Private Edition package is developed and maintained by Incture.

### 2 Audience

Microsoft Power BI triggers ODATA endpoint and requested data is extracted from SAP S/4HANA Cloud Private Edition and since it is a synchronous call data is sent back to Microsoft Power BI for consumption. This Integration is best suited for delta loads.

### 3 Additional Documentation

[SAP Cloud Integration](#)

## 2. Business Scenario

A global manufacturing enterprise runs its core ERP processes—such as finance, procurement, production planning, and sales—on SAP S/4HANA Cloud Private Edition. The company's top management relies on periodic SAP reports and manual Excel exports to analyse KPIs, which delays decision-making and lacks interactive visualization.

The business wants a modern BI platform that:

- Consolidates real-time data from SAP S/4HANA.
- Provides self-service analytics for business users.
- Delivers interactive dashboards for CFOs, plant managers, and supply chain heads.
- Allows blending of non-SAP data (e.g., CRM, IoT, legacy apps) with SAP data.

## 3. Prerequisites

- SAP Integration Suite (*with Cloud Integration Capability*) Subscription
- Microsoft Power BI
- SAP S/4HANA Cloud Private Edition
- Security Material for all authentications:
  - o Credential for S/4HANA Cloud Private Edition

## 4. Configuration

### 4 Microsoft Power BI Integration with SAP S/4HANA Cloud Private Edition

Parameter	Description/Instruction
Power BI	Trigger the ODATA call to start the process.
Request Reply	Synchronous ODATA call to SAP S/4HANA Cloud Private Edition.
S/4HANA	Fetch Data from S/4HANA Cloud Private Edition and retrieved data is sent back to Microsoft Power BI.

### 5 Process Description

Microsoft Power BI triggers the operation to fetch data from SAP S/4HANA Cloud Private Edition and in turn, fetched data is sent as response to Microsoft Power BI.

Note :- This integration is suitable for delta loads and real time data consumptions.

For full load Integration contact [Integration Support](#).

## 5. Deployment after Configuration

- Microsoft Power BI Integration with SAP S/4HANA Cloud Private Edition

## 6. About Us

Product: [Incture](#)

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