ICI for SAP S/4HANA (Buy Side) Adapter Overview

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Icertis

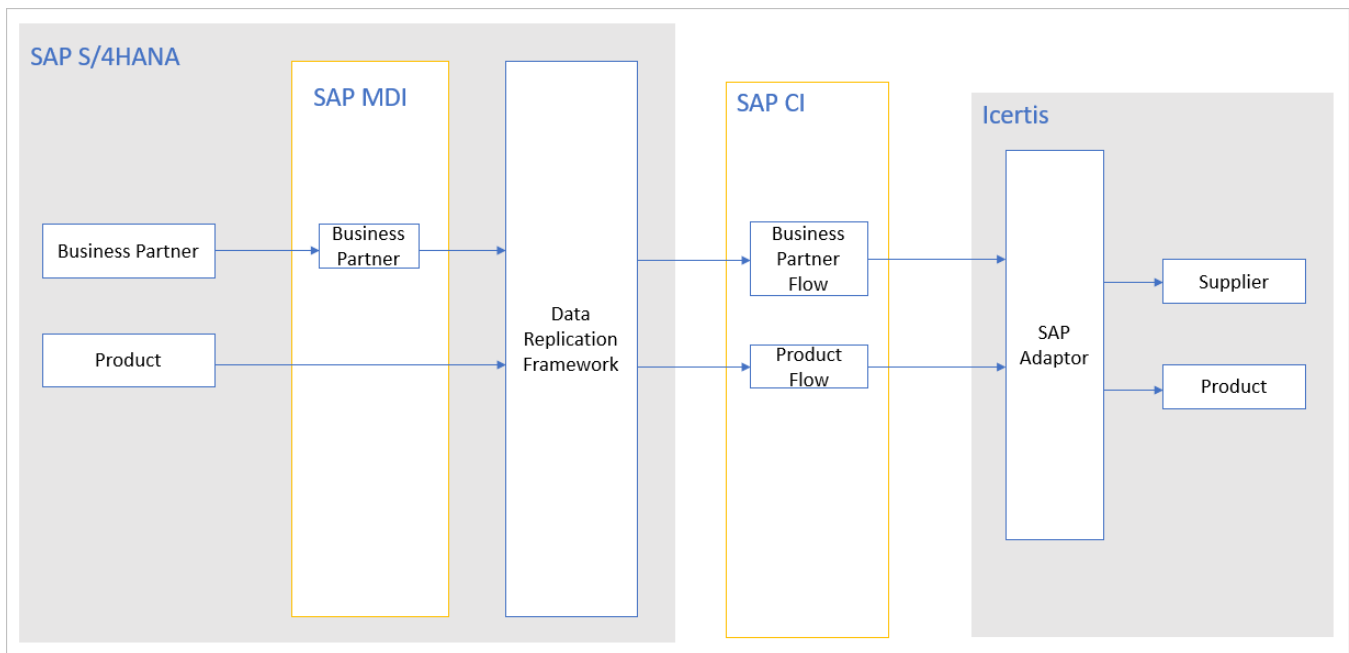# Table of Contents

Overview

In the large enterprise functional landscape, SAP S/4HANA acts as a single source of truth for Business Partner and Product master data. Buy side systems sync supplier details like supplier information, addresses, contacts, and items from S/4HANA. Master data sync is one of the prerequisites for accurate and consistent data availability across the systems and to ensure smooth functional flows and user journeys. End-to-end integrated journey for source-to-pay requires master data integration between SAP S/4HANA and ICI. To know more about the source-to-pay process, see What is source to pay?.

Master data integration process

Master data integration between SAP S/4HANA and ICI is setup as per the following integration design:
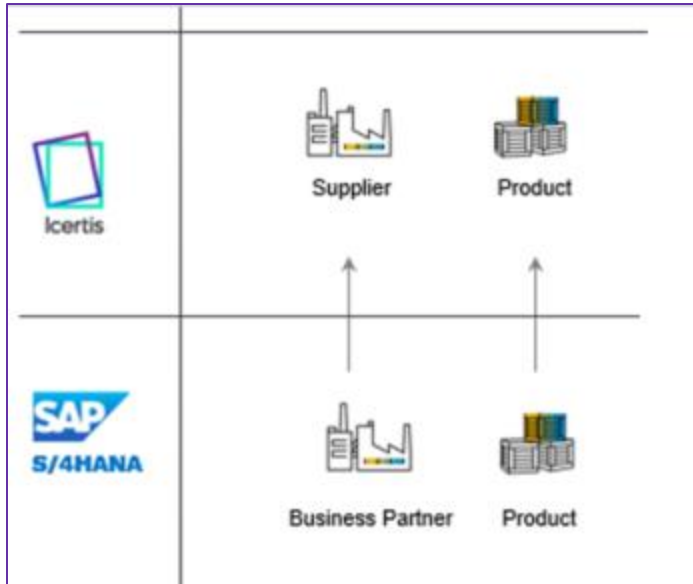

The setup leverages the integration flow (iFlow) packages from SAP CI to synchronize SAP S/4HANA master data to ICI.

Based on customer requirement, you can set up master data sync in one of the following ways:

Event-based real-time sync: Trigger sync based on events like create, update, delete etc.
Scheduled batch sync: Trigger schedule-based incremental updates.

As a part of the configuration, each attribute of SAP S/4HANA partner (vendor) and product master data must be mapped with a corresponding masterdata attribute in ICI.

Depending on customer requirements, mappings can be set up for specific attributes. A list of sample attributes is mentioned below:
- Business Partner (vendor/supplier) attributes:
  - ID
  - Type (organization, person)
  - Name
  - Payment term
  - Supplier locations (type, address, city, state, postal code, country)
  - Supplier contacts (role, phone number, email address)
- Product attributes:
  - ID
  - Type
  - Category
  - Name/Description
  - Unit of Measurement
  - Category
  - Currency

Benefits to customers

The ICI for SAP S/4HANA (Buy Side) adapter provides the following benefits:

- **Enable end-to-end integrated business process flows**

  Master data setup is a prerequisite for functional flows to offer seamless user experience.

- **Reduce errors by ensuring data consistency**

  Consistent data across systems ensures accuracy which in turn reduces rework and improves customer satisfaction.

- **Reduce time for data sync**

  Seamlessly sync data from SAP S/4HANA to ICI quickly with real-time sync or at a desired frequency by setting up periodic incremental sync.

- **Extensibility offered with solution**

  Based on the requirements, you can add attributes in ICI, map them to master data attributes in SAP S/4HANA, and sync masterdata between the systems.