



# Feature at a Glance

## SAP ERP and SAP S/4HANA integration for SAP Ariba Spend Analysis

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## Feature at a Glance

# Introducing: SAP ERP and SAP S/4HANA integration for SAP Ariba Spend Analysis

### Customer challenge

It is difficult for customers to adopt Ariba Spend Analysis when they have to build their own extractors which typically take 60-80 hours of effort. This increases customer cost, labor, and time.

### Meet that challenge with SAP Ariba

Out-of-box SAP ERP and SAP S/4HANA integration for SAP Ariba Spend Analysis leveraging SAP Ariba Cloud Integration Gateway (CIG) and SAP Master Data Services (MDS).

This also provides Business Add-Ins (BADIs) for customization as needed.

### Experience key benefits

- Simplify and speed-up the data extraction process
- Faster time-to-value with out-of-box integration
- Reduced labor and time to extract data

### Solution area

SAP Ariba Spend Analysis

### Implementation information

This feature is automatically on for all customers with the applicable solutions but requires **customer configuration**.

To have this feature enabled, please work with the Spend Analysis Deployment Lead to ensure proper enablement and configuration.

Refer to documentation for configuration options.

### Prerequisites & Restrictions

- SAP S/4 HANA On Premise or ECC 6.0+
- Import relevant master data to MDS (through MDNI or Master Data Extractor)
- SAP Ariba Cloud Integration Gateway add-on for SAP ERP and SAP S/4HANA SP 0015 or later

**Restrictions** - This feature can only be used with one instance of either SAP ERP or SAP S/4HANA on-premise system; multi-ERP scenarios (different data masters) aren't supported.

- Currently supports SAP Ariba Spend Analysis customers whose data is in US and EU data centers

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Introducing: **SAP ERP and SAP S/4HANA integration for SAP Ariba Spend Analysis**

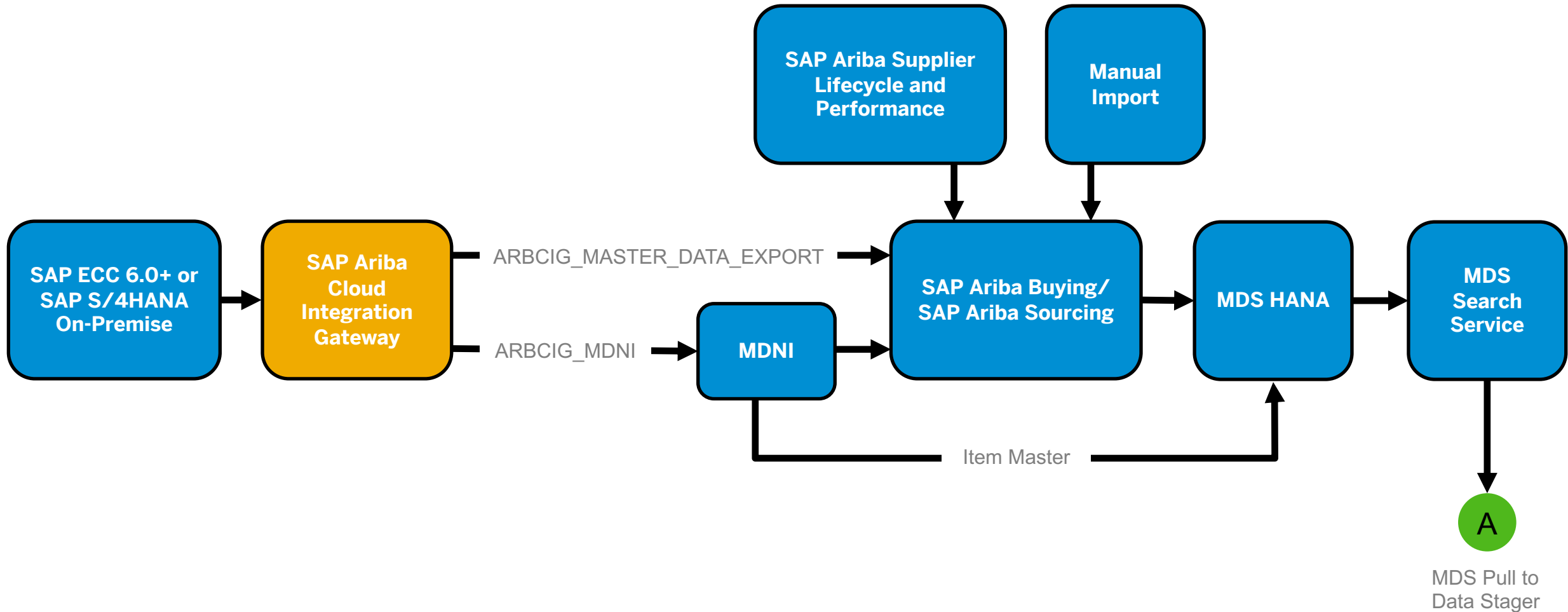
### Detailed feature information

- Supports ECC 6.0+ and SAP S/4HANA On- Premise.
- Uses CIG to extract Invoice, PO, and flex transactional data from SAP ERP system.
- Must use MDS on HANA to extract 7 master data files.
- Spend Analysis Data Stager automatically consolidates transaction and with related master data for input into Ariba Spend Analysis.
  - Invoice
  - Purchase Order
  - Cost Center
  - Item Master/Part
  - User/Requester
  - General Ledger/Account
  - Company Site/Plant
  - Vendor/Supplier
  - Material Group/ERP Commodity

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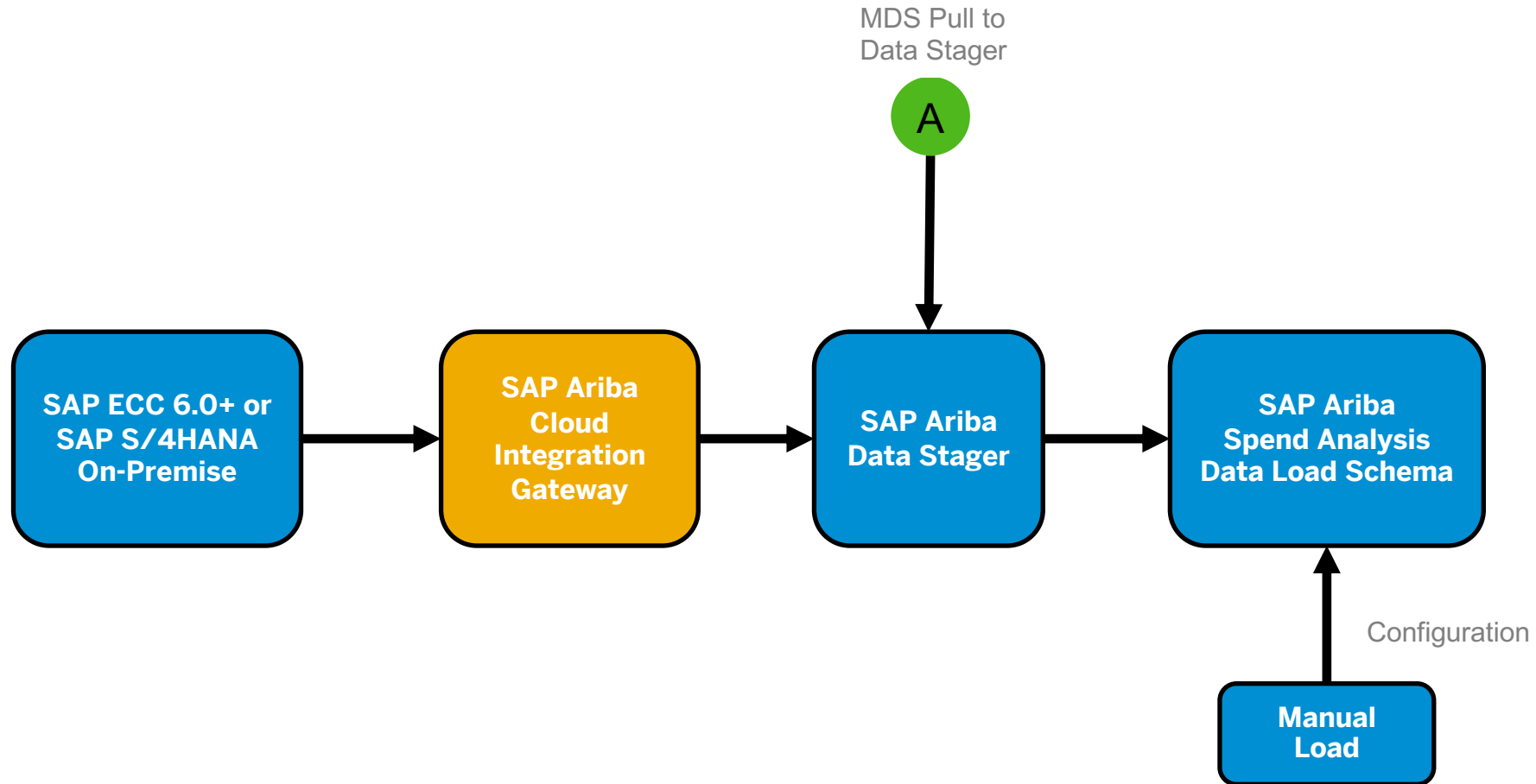
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### Master Data Flow



## Feature at a Glance

# Introducing: SAP ERP and SAP S/4HANA integration for SAP Ariba Spend Analysis Transaction Files & Configuration Flow



## Feature at a Glance

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### Functionalities

1. Can choose a Test Run or Actual Run
2. Can choose a Date and Time Period, or
3. Can choose Custom Date Range
4. Can choose Batch Size

### Benefits

- The extractors can be scheduled to run at regular intervals and automatically extract the data and push it to Spend Analysis
- Better scalability for ERP integration

**SAP Ariba Spend Analysis Extraction Report**

Set Filters

Mode of Execution

Test Run **1**

Directory Path:

Transactional Data

Purchase Order  Invoice

Load Options

Date and Time Period **2**

Time Period

Custom Date Range **3**

From

To

Q Last Quarter

M Last Month

Q Last Quarter

Y Last Year

Default Configuration

Language: EN

Logical System: Q8JCLNT002

Batch Size: 10.000 **4**

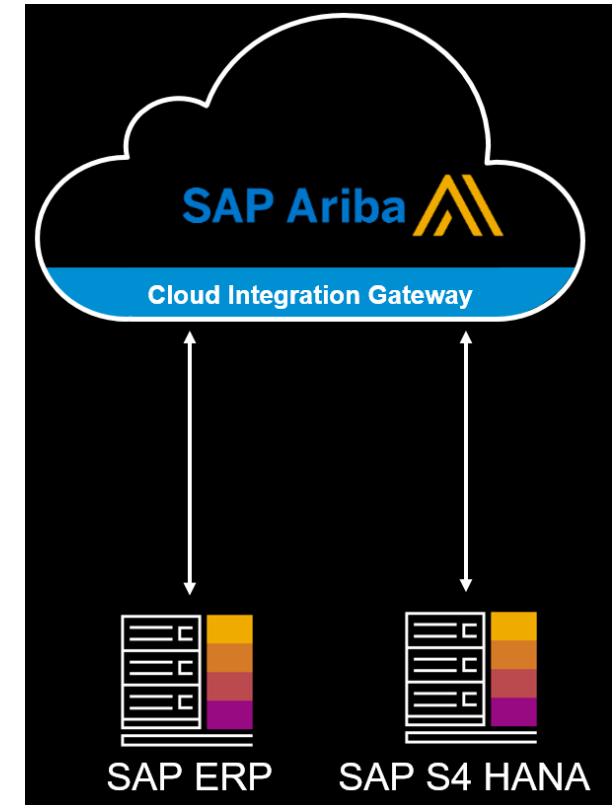
Packet Size: 5.000

# What is **SAP Ariba** Cloud Integration Gateway?

- SAP Ariba Cloud Integration Gateway is an integration-as-a-service (IaaS) solution enabled by the SAP Cloud Platform Integration service.
- This cloud integration solution provides a simple and efficient way to integrate through one gateway to Ariba Network and SAP Ariba cloud applications.
- SAP Ariba Cloud Integration Gateway gives you a fast, simple way to connect your SAP Ariba solutions, back-end systems, and trading partners.
- Intuitive self-service tools let you quickly configure, extend, and test processes, while automated upgrades and monitoring make it easy to keep transactions flowing smoothly.

# SAP Ariba Cloud Integration Gateway Summary

- ❖ Available to all SAP Ariba customers at no extra charge
- ❖ No impact on SAP ERP user licenses (i.e. indirect usage)
- ❖ No additional software licences (i.e. middleware or iPaaS)
- ❖ Access via SAP Ariba solutions (no additional login required)
- ❖ Provides out-of-the-box integration for over 100 interfaces covering the full source-to-settle process, including Spend Analysis
- ❖ Secured using the [SAP Cloud Platform Connectivity](#)
- ❖ Supports mediation with customers existing middleware





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