



Feature at a Glance

SAP S/4 HANA Cloud and SAP Ariba Master Data Native Integration

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Feature at a Glance

Introducing: SAP S/4 HANA Cloud and SAP Ariba Master Data Native Integration

Ease of implementation

Low touch / simple

Geographic relevance

Global

Customer challenge

SAP S/4HANA Cloud and SAP Ariba Procurement Solutions cannot natively integrate master data as of today.

Meet that challenge with SAP Ariba

This feature enables seamless end-to-end master data integration between SAP S/4HANA Cloud and SAP Ariba Procurement solutions.

The following master data objects are supported for import: Incoterms, Purchase Group, Purchase Org, Plant to Purchase Organization, WBS Element, Tax Code, Item Category, Plant, Company Code, GL Account, Currency Conversion Rate, ERP Commodity Codes (Material Group), Internal Order, Cost Center, Account Category, Assets, Payment Terms, Payment Methods, Unit of Measurement, Currency Mapping, User, Group, Procurement Unit.

The following master data objects are available for export: User, Groups, Procurement Unit.

Experience key benefits

- Tight master data integration between SAP S/4HANA Cloud and SAP Ariba Procurement solutions.
- Full uploads and incremental uploads are supported for master data objects.

Solution area

This feature is available in the following solutions:

- SAP Ariba Buying and Invoicing
- SAP Ariba Buying
- SAP Ariba Invoice Management

Implementation Information

This feature is “off” by default. To enable this feature, please submit a Service Request to have this feature turned on for you.

Feature Name: MDNIntegration

Prerequisites and Limitations

Prerequisites:

- Create the Inbound end-point in the site where the feature is enabled.
- Provide the value of the Inbound endpoint in the as the value for the `Application.Messaging.Channels.WS.MDNIntegrationEndPoint` parameter.

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S/4 HANA Cloud Configuration:

- Contact SAP Ariba Support to get the Ariba Interface Name/ URL for the specific master object. Each master data object supported has a unique customer-specific URL. Sample URL: <http://devfarm-mu.mo.sap.corp:443/mdni/erpintegration/api/uploadXMLData?tenantId=ANMDNI00001&objectName=WBSElement>
- Insert the URL in S/HANA Cloud. This will be the Service URL (highlighted below).

The screenshot shows the SAP S/4 HANA Cloud Configuration interface for Communication Arrangements. The main title is "SAP_COM_0116_1ZM". Below the title, there is a "Common Data" section with fields for "Arrangement Name" (SAP_COM_0116_1ZM) and "Own System" (OMB86K). The "Communication System" is set to "ARIBA_BUYING_AND_INVOICING_INTE". The "Outbound Communication" section shows "User Name" as "aribaws" and "Authentication Method" as "User ID and Password". The "Outbound Services" section is expanded to show "Plants - Replicate". Under "Plants - Replicate", the "Service Status" is "Active", "Application Protocol" is "SOAP", and "Port" is "443". The "Path" is "/mdni/erpintegration/api/uploadXMLData?ter". The "Service URL" is highlighted with a red box and is "https://devfarm.aws.ariba.com:443/mdni/erpi". The "Job Execution Details" section shows "Job Status" as "Active", "Run Every" as "02" Day(s), and "Start Time" as "00:00:00".

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SAP S/4 HANA Cloud and SAP Ariba Master Data Integration Job Status API for Operational Procurement:

This API allows the customer to query for the status of master data integration jobs. If the master data integration job successfully posted the data to the SAP Ariba Procurement Solution, the response includes the following details: the number of records inserted, the number of records updated, and the number of records deleted. If there are any errors when the data is posted, the error details are included in the response.

API request format

GET `/{api-version}/integrationJobs`

Sample request URL: `https://openapi.ariba.com/api/integrationjob/v1/prod/integrationJobs?tenantId=AN71000003970&objectName=Incoterms`

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SAP S/4 HANA Cloud and SAP Ariba Master Data Integration Job Status API for Operational Procurement:

API response

Sample Code

```
{
  "StartDate": "2017-12-22 11:50:00.929",
  "Status": 1,
  "FatalErrors": "",
  "RecordsDeleted": 1,
  "RecordsUpdated": 1,
  "EndDate": "2017-12-22 11:50:02.233",
  "Warnings": "Referenced data of type ariba.core.Account not found. FieldName :
Account, Value : { UniqueName = 0000474230;}\n",
  "NonFatalExceptions": "",
  "RecordsInserted": 1
}
```