



Feature at a Glance

Improved Data Integration with SAP Ariba Buying and Invoicing for Spend Analysis

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Feature at a Glance

Ease of implementation  Low touch / simple
Geographic relevance  Global

Introducing: Improved Data Integration with Ariba Buying and Invoicing for Spend Analysis

Customer challenge

The current data load from Buying and Invoicing to Spend Analysis is missing important fields for enrichment, sending all data regardless of status, and loads incrementally with every data load making it difficult to validate the service level agreement during an enrichment cycle. As a result, deployment leads must manually control the data loads and incorporate the missing fields.

Meet that challenge with **SAP Ariba**

The Buying and Invoicing load to Spend Analysis has been enhanced to include requisition status and buying commodity. A new scheduled data load task will allow scheduling the load if preferred over automatic loads. Since data will be loaded with the default source system of “SSP-” <generic, None, Psoft, sap>, delete operations for invoice and purchase order will now be available for the ‘Default’ source system when it is necessary to remove out-of-scope data.

Experience key benefits

Adding new fields, controlling the load schedule, and providing new delete operations will eliminate manual intervention and improve automation.

Solution area

Applications / Spend Analysis

Implementation information

Please contact your Spend Analysis deployment lead to determine the best data integration approach.

Prerequisites and Restrictions

This feature does not currently support multi-child Federated Process Control (FPC) realms.

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New Data Load Option

“Load P2P Data into SV”

- When selected, Buying and invoicing data is loaded to Spend Analysis on the DATA schema
- This can be used to manually control when P2P data gets loaded

Confirm Schedule Load

Click **Schedule Load** to schedule the data load operation. The data load operation will run as soon

Are you sure you want to schedule the data load operation **empty load**?

- Post-process data after load
- Re-apply previous Invoice enrichment results
- Apply enrichment change requests.
- Load P2P Data into SV.**
- Clear all custom category commodity levels in the UNSPSC dimension.
- Clear all custom category 1 commodity levels in the UNSPSC dimension.
- Clear all custom category 2 commodity levels in the UNSPSC dimension.

The following benchmarking data are available. Do you want to include them in your load:

- Producer/Consumer Price Index

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New “Default” system data loads

Default Source System

- New delete data types are available under the default option

- P2PInvoiceDeleteFromSV

- SourceSystemId Source System
- InvoiceId Invoice ID
- ExtraInvoiceKey Extra Invoice Key
- InvoiceLineNumber Invoice Line Number
- ExtraInvoiceLineKey Invoice Line Key 2
- SplitAccountingNumber Invoice split accounting number

- P2PPODeleteFromSV

- SourceSystemId Source System
- POId PO Id
- ExtraPOKey Extra PO Key
- POLineNumber PO Line Number
- ExtraPOLineKey PO Line Key 2
- SplitAccountingNumber Split Accounting Number

- MUST include source system
- MUST replace “Unclassified” values with null
- MUST NOT include a delete in the first full load

Upload data file

Upload files to be added to data loads. Upload individual files one at a time, or use a ZIP file to upload many individual files at once.

Select format of file to be uploaded

- Character-delimited file (data and enrichment files in CSV or other character-delimited formats)
- ZIP file (containing character-delimited files)
- Ariba Spend Visibility compound file
- Zipped Ariba Spend Visibility compound file (must contain exactly 1 component file)
- ADE enriched data ZIP file

Extended Validation

- Perform duplicate row check
- Perform dimension reference check and Invoice to PO match

Upload CSV file

Source System: **Default** ▼

Type of Data: * **ActCode** ▼

Upload File: DS_Fact_POLineItem

Upload currency conversion rate f



Arnold Davis (adavis) last visit 8/13/201
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- FiscalTime
- FM_InvoiceDE
- FM_SupplierDE
- InvoiceDE
- OpportunitySearchRange
- OpportunitySearchRangeDelete
- OpportunitySearchRangeMapping
- P2PInvoiceDeleteFromSV**
- P2PPODeleteFromSV**
- SupplierDE
- SupplierDiversity
- SupplierFlexFields
- SupplierGreen

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New fields

Invoice Fact (Spend Visibility)

- Reconciliation Status
 - comes from Ariba Buying and Invoicing
 - not part of standard invoice loads (from .csv files)
 - Reportable and Exportable
 - String a498 in aml.analysis.InvoiceAnalysis.csv

Purchase Order Fact (Spend Visibility)

- Status String
 - future field (not used at the moment)
 - not part of standard PO loads (from .csv files)
 - Reportable and Exportable
 - String a60 in aml.analysis.PurchaseOrderAnalysis.csv

Enhanced fields

Invoice Fact (Spend Visibility)

- Flex Dimension 1
 - will be populated with the SAP Ariba Buying and Invoicing commodity data in order to leverage this as a hint field for enrichment