



Asset Management for SAP ERP-integrated sites

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CONFIDENTIAL



Feature at a Glance

Introducing: Asset Management for SAP ERP-integrated sites

Ease of implementation



Some complexity

Geographic relevance



Global

Customer challenge

Today, SAP Ariba solutions does not support integration with Asset Management solutions. Assets have to be managed outside of SAP Ariba and an asset manager has to work in multiple systems.

Meet that challenge with SAP Ariba

When customers think of Asset Management they often think of financial accounting / project accounting and not the actual asset tagging of assets (sticking an asset tag on a laptop). Through SAP Ariba, an Asset Manager can now create an Asset through an Asset Management Workbench, which is subsequently integrated to an Fixed Asset Management system and referenced on the Purchase Order, Receipt and Invoice. On the Receipt, a user can load asset tags and serial numbers.

The integration can be achieved either through SAP Ariba Open API or CIG.

Experience key benefits

Integration with a Fixed Asset module of ERP at requisition creation and receiving/invoicing (“capitalization”), and the introduction of a new Asset Management Workbench to manage the activities for Asset Managers.

Solution area

- SAP Ariba Buying, with the guided buying capability
- SAP Ariba Buying and Invoicing, with the guided buying capability

Implementation information

This feature is disabled by default. To enable, please contact SAP Ariba Support to enable parameter:

- Application.Procure.EnableAssetManagement

Set the following parameter to enable Open API (Yes) or CIG (No) integration:

- Application.Procure.AssetManagement.OpenAPIIntegration

Prerequisites and Limitations

- This feature requires guided buying capabilities on the site as the Asset Workbench UI is implemented on the guided buying framework.
- This feature is only for SAP ERP integrated sites (SAP variant).
- Assign Asset Managers to the new group Asset Manager.
- Update requisition approval workflow to add Asset Manager to workflow (typically last in approval workflow).

Feature at a Glance

Introducing: **Asset Management for SAP ERP-integrated sites**

When customers think of Asset Management they often think of financial accounting / project accounting and not the actual asset tagging of assets (sticking an asset tag on a laptop). When you create an asset shell in the ERP it is for the financial accounting aspect. Customers often use another tool for the actual physical asset tagging. Asset number (for financial accounting) is different to asset tag number (for physical tracking).

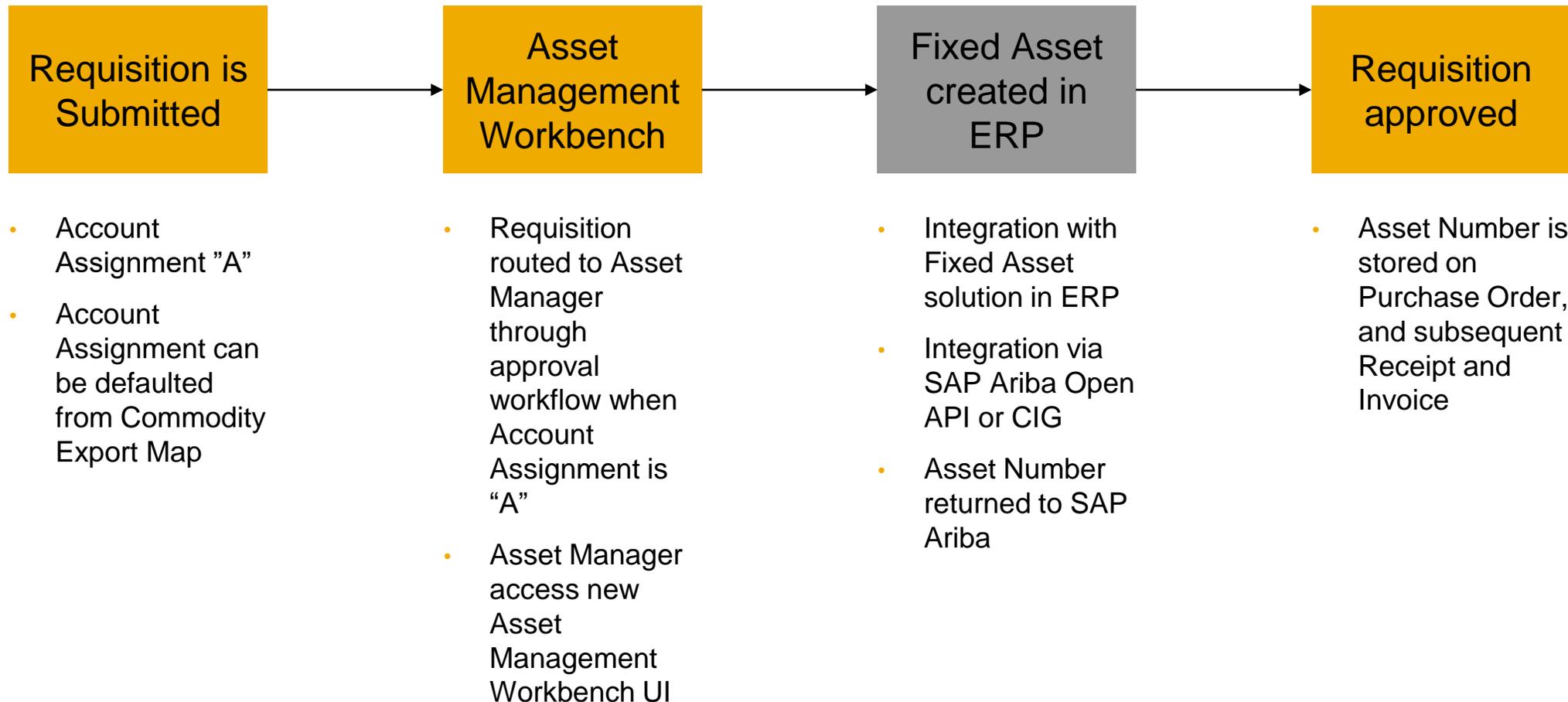
The basic workflow of the Asset Management feature is:

1. Create a Requisition in Ariba.
2. Based on certain criteria, information will be sent to the Asset Management Workbench to complete the information with Asset Class, Description, Location etc.
3. Once the Asset Manager completes the work, based on the configured interface, the Fixed Asset module of the ERP creates an asset shell so that the asset can be set up for depreciation etc and the information flow back to Ariba and populate the Purchase Order, Receipt, and Invoice.
4. Capitalization of the Assets start at the time of Receiving or Invoicing.

Note: Customers generally want the Fixed Asset workflow to happen at the end of requisition approval once all the financial approvals have been received.

Feature at a Glance

Process Flow: Asset Management



1.1 Requisition with Account Assignment A (Asset)

PR91993 HP 8730w Workstn Laptop 1 

Send Request

Ship to 5950 Broadway LOS ANGELES, CA 90030 United States Manage locations	Charge to Asset Number (Unspecified (none)) Manage details	Total Cost \$4,300.00 USD 
		Net Amount \$4,300.00 USD

Items (1)

 **IT Asset Time Frame Policy:** Provide justification for order within 2 years of the previous purchase.

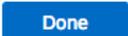
 **HP 8730w Workstn Laptop 17-in**
SU_INTERNAL13266062 (Stratus IT

Manage details 

The changes that you make here apply to every item in the shopping cart. Please note that when changing the value of a field, the change is automatically saved.

Charge to

Account Assignment * A (Asset) 	Account Type Asset 
Bill To * 3000 (New York)  691 Broadway NEW YORK, NY 10001 United States	Cost Center 2300 (Procurement 1) 
Asset Number Unspecified (none) 	Activity Number (no value) 

Changing accounting details for specific item(s)? 

1.2 Routing requisition to the Asset Manager group

SAP Ariba Request details Johan Holm

PR91993 HP 8730w Workstn Laptop 1 [Edit](#) [Buy again](#) [Approve](#) [Deny](#)

Submitted

Process

```
graph LR; Request((Request)) -- "Solid Green Line" --> AssetManager((Asset Manager)); AssetManager -.- "Dashed Blue Line" --> Approved((Approved));
```

Comments

Optional comment

Share with supplier [Add comment](#)

Ship to	Charge to	Total Cost	\$4,300.00 USD
5950 Broadway LOS ANGELES, CA 90030 United States	Asset Number (Unspecified (none))	Net Amount	\$4,300.00 USD

[Show advanced options](#)

Based on Account Assignment A, requisition is routed to the Asset Manager group through the approval workflow

2.1 Asset Management Workbench

Asset Management Workbench can be accessed through

- Guided Buying: Left hand menu > Asset Workbench
- SAP Ariba Buying: Manage > Asset Workbench

The screenshot displays the SAP Ariba Asset Management Workbench interface. At the top, there is a navigation bar with the SAP Ariba logo, a search icon, and user information for Johan Holm. The main content area is titled "Asset Workbench" and features a tabbed interface with "New (50)", "In Progress (1)", and "Completed (0)". A filter dropdown is set to "Last 1 month", and a search bar labeled "Find a request" is present. Below the tabs, a list of requests is shown under the heading "Requests".

Request ID	Description	Requester	Requested Date	Amount	Status	Actions
PR91775	HP N270h 27" Edge to Edg	Payod Deshpande	Requested 6/28/2018	\$132.99 USD	Submitted	Manage View
PR91776	Marshall Electronics 17.3	Payod Deshpande	Requested 6/28/2018	\$2,186.32 USD	Submitted	Manage View

2.2 Managing a Requisition

The screenshot displays the SAP Ariba Request View interface. At the top, the user is identified as Johan Holm. The requisition details show a submitted request for an HP 8730w Workstation Laptop with a total value of \$4300 USD. Below this, there are sections for Attachments (none), a Comment field, and a table of items. The 'All Items (1)' section is highlighted with a blue border, showing a table with columns for Cost Center, Asset Class, Asset Line Type, Asset Description, Asset Location, Price, and Amount. Below the table, there are dropdown menus for Asset Class, Asset Line Type, and Asset Location, along with a 'Split' button and an 'Add to group' button.

Cost Center	Asset Class	Asset Line Type	Asset Description	Asset Location	Price	Amount
2300 (Procurement 1)	(no value)	(no value)	HP 8730w Workstn Laptop 17-i... SU_INTERNAL13266062 (Stra...)	(no value)	\$2150 USD	\$4300 USD

- Once the work is done and the user select “Finish”, the Asset request is sent to the Asset Managed solution (API or CIG) to create a Fixed Asset which subsequently updates the order.
- The user can create Asset Groups or add an item to an existing Asset Group
 - An Asset Group can contain many lines and has the same Asset Class and Location
- The user update relevant information on the line and select Finish
- The user can split a line and have different asset assignment by split line

3. Integration to backend ERP

The screenshot shows the SAP Ariba Request View interface. At the top, there is a navigation bar with the SAP Ariba logo, a search bar, and user information for Johan Holm. A notification banner at the top states: "Request has been sent to external system and asset numbers have been received successfully". Below this, the request details are shown: PR91993, HP 8730w Workstn Laptop 1, Submitted, \$4300 USD. The interface includes sections for Attachments (no attachments to view), Comment (with a text input and "Add comment" button), and All Items (1). A table lists the item details:

Asset Number	Asset Line Type	Asset Class	Asset Description	Asset Location
ABC123	MainAsset (Main Asset)	Z6230 (Computer & AV Equipm)	Education area	0000003705

- Integration can be performed through;
 - SAP Ariba Open API Gateway: The Requisition API enables you to create a client application to get requisitions that are created in the SAP Ariba solution.
 - SAP Ariba Cloud Integration Gateway(CIG) : The SAP Ariba solution sends the data on the requisition to SAP ERP using web service.
- The Asset Number is received from Asset Management system and displayed on the Requisition, PO, Receipt and Invoice.

4.1 Viewing Asset Number on Requisition and Purchase Order

PR91993 HP 8730w Workstn Laptop 1 Buy again

Receiving ?

Process

Request → Asset Manager → Receiving

Comments

Optional comment Add comment

Ship to: 5950 Broadway, LOS ANGELES, CA 90030, United States

Charge to: Asset Number (ABC123)

- In Guided Buying, the Asset Number is displayed on the Requisition header and line level accounting
- On the Purchase Order and Invoice, and in SAP Ariba Buying, and Buying and Invoicing when viewing a Requisition, the Asset Number is displayed at Line Details screen, under Accounting – by Line Item

Accounting - by Line Item

Account Assignment: A (Asset)
Account Type: Asset
Bill To: 3000 (New York)
Cost Center: 2300 (Procurement 1)
Asset Number: ABC123
Asset Class: Z6230 (Computer & AV Equipm)
Activity Number: (no value)
Asset Description: Education area
Asset Location: 0000003705

4.2 Goods Receipt

1 Select Receipt

2 Receive

3 Additional Info

4 Summary

Enter additional information about this item. You may be asked to add asset data for certain types of items, or rejection comments if you are rejecting the item.

Line Item No.: 1

Quantity: 2

Full Description: The HP 8730W uses the Intel Core 2 Extreme Processor X9100 (3.06 GHz, 6 MB L2 cache, 1066 MHz FSB) 4GB RAM 800 MHz DDR2 (1 DIMM) is included. A 250 GB 7200 rpm SMART SATA II is included along with a DVD+/-RW SuperMulti DL LightScribe Drive. 17-inch diagonal WUXGA DreamColor wide-viewing angle, NVIDIA Quadro FX 3700M with 1 GB, 2 MP Webcam Intel WiFi Link 5300 (802.11 a/b/g/n draft 2.0) and HP Integrated Module with Bluetooth Wireless Technology. This is a large and heavy notebook. IMPORTANT: Item 2900-95 (PC Guardian Security Cable Lock) is required with the purchase of any notebook or tablet computer. Hewlett Packard, Hewlitt Packard, Hewlitt-Packard, HP, laptop.

Prev. Accepted: 0

Accepted: 2

Rejected: 0

Date Received: Mon, 6 Aug, 2018

Asset Data Details

No. ↑	Asset Number	Serial Number	Tag Number	Location
1	ABC123	<input type="text"/>	<input type="text"/>	<input type="text"/>
2	ABC123	<input type="text"/>	<input type="text"/>	<input type="text"/>

- Asset Numbers are visible on the receipt
- Serial Number, Tag Number, and Location of the assets can be updated by the user
- The Receipt Export is extended to contain Asset Number, Sub Asset, Serial and Tag Number and Location