



# Feature at a Glance

## Ability to upload bill of materials (BOM) by using CSV Files

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CONFIDENTIAL

# Feature at a Glance

Ease of implementation  some complexity  
Geographic relevance  Global

## Introducing: Ability to Upload Bill of Materials (BOM) by Using CSV Files

### Customer challenge

- Currently product sourcing solution allows users to import BOM from ERP through integration. Other than this the solution also allows importing of BOM manually in PDX format
- Currently there is no feature to allow users to import the BOMs in csv format. This is a case when the design BOM are not released to ERP systems

### Meet that challenge with SAP Ariba

- SAP Ariba addresses this challenge by rolling out a new capability that allows product sourcing users to import BOMs in csv format
- Users can now import BOMs, perform sourcing activity, such as establishing suppliers, estimating costs, and defining high-level contracts with suppliers, based on the imported BOM data.

### Experience key benefits

Enhanced product usability

### Solution area

SAP Ariba Strategic Sourcing Suite

### Implementation information

This feature is **automatically on** for all customers with the applicable solutions and is ready for immediate use.

### Prerequisites and Restrictions

- The site must be configured for product sourcing
- The site must have BOM sourcing enabled
- To upload BOMs, users need to have admin access

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▶ Master Data Manager	<b>Master Data Manager</b> Configure External Systems. Search & administer master data. Manage master data load requests.
▶ Supplier and Customer Manager	
▶ Customization Manager	<b>Customization Manager</b> Depending upon your configuration: Work with brands and customize user interface text. View, add, modify, and delete partitioned commodity codes and partitioned commodity code maps. Import and export data.
▶ User Manager	
▶ Reporting Manager	<b>Reporting Manager</b> Perform reporting-related administrative tasks.
▶ Event Manager	
▶ Dashboard Manager	<b>Dashboard Manager</b> Dashboard Manager
▶ Project Manager	
▶ Commodity Code Manager	<b>Commodity Code Manager</b> Work with hierarchical commodity codes, includ
▶ Enrichment Manager	
▼ Product Sourcing Manager	<b>Product Sourcing Manager</b> Manage Product Sourcing related tasks
Message Queue	
Import Data	
Import PDX	
<b>Import BOM</b> ①	
Audit Record	
Field Label Manager	
Standard Field Mapping	
Custom Field Mapping	
▶ SM Manager	
▶ Category Attribute Manager	<b>Category Attribute Manager</b> Perform administrative tasks for Category Attrib
▶ Commodity Escalation Manager	

The Product Sourcing Manager in the administration section now has an additional capability

① Import BOM

Through Import BOM page users can now

### Import BOM

1. Select the ERP for which you want to import BOM data.

T90CLNT090

2. Select the BOM file you want to import.

+ Choose a file or drag it here. Import Cancel

Click here for sample CSV

From date To date Status

Select a Status

Select an external system to upload the csv BOM

Upload the new design BOM in CSV format into the system

Download a sample csv format to create a new design BOM

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## Introducing: Ability to Upload Bill of Materials (BOM) by Using CSV Files

The CSV BOM allows users to take complete control in defining the BOM that includes:

BOM level, BOM number and material number, validity, BOM text, item category and quantity, UOM, etc.

Level	MaterialNumber	BOMNumber	Alternate	ValidFrom	ValidToDate	ItemNum	ItemCateg	ItemNode	BOMCateg	Usage	BOMPlant	Technical	BOMGrou	BOMStatu	UOM	BOMText	Alternativ	ItemGrou	ItemText1	ItemText2	ChangeNu	Quantity
1	1113747X-001	BOMTA110	D10	3/1/2019	8/31/2099		L1	A20000	M1	1	1008	N1		1	EA	Item BOM	Item XBOX_ALT_001	Item XBO	Item XBO	12345825	10	
2	1113747X-002	BOMTA111	D11	3/1/2019	8/31/2099		L1	A20001	M1	1	1008	N1		1	EA	Item BOM	Item XBOX_ALT_002	Item XBO	Item XBO	12345825	10	
3	1113747X-003	BOMTA111	D12	3/1/2019	8/31/2099		L1	A20002							EA				Item XBO	Item XBO	12345825	10
4	1113747X-004	BOMTA111	D13	3/1/2019	8/31/2099		L1	A20003							EA				Item XBO	Item XBO	12345825	10
5	1113747X-005	BOMTA112	D14	3/1/2019	8/31/2099		L1	A20004	M1	1	1008	N1		1	EA	Item BOM	Item XBOX_ALT_005	Item XBO	Item XBO	12345825	10	
6	1113747X-006	BOMTA112	D15	3/1/2019	8/31/2099		L1	A20005							EA				Item XBO	Item XBO	12345825	10
7	1113747X-007	BOMTA112	D16	3/1/2019	8/31/2099		L1	A20006							EA				Item XBO	Item XBO	12345825	10

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T90CLNT090

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+ Choose a file or drag it here. Import Cancel

[Click here for sample CSV](#)

Showing 1 - 5 of 5 items

File	Status	Created date	External system ID	Message
BOM1.csv	Failure	12/12/2019, 01:30 PM	T90CLNT090	Mapping for Level not found, expect...
Book1.csv	Failure	12/12/2019, 01:30 PM	T90CLNT090	Mapping for Level not found, expect...
testdata-2.csv	Validation Failed	12/12/2019, 01:30 PM	T90CLNT090	
testdata-2.csv	Successfully Staged			
BOM.csv	Failure			

**Errors**

Messages

Row number : 2 , Column : BOMPlant - Invalid plant id 0040 for alternative BOM

Row number : 5 , Column : BOMPlant - Invalid plant id 0040 for alternative BOM

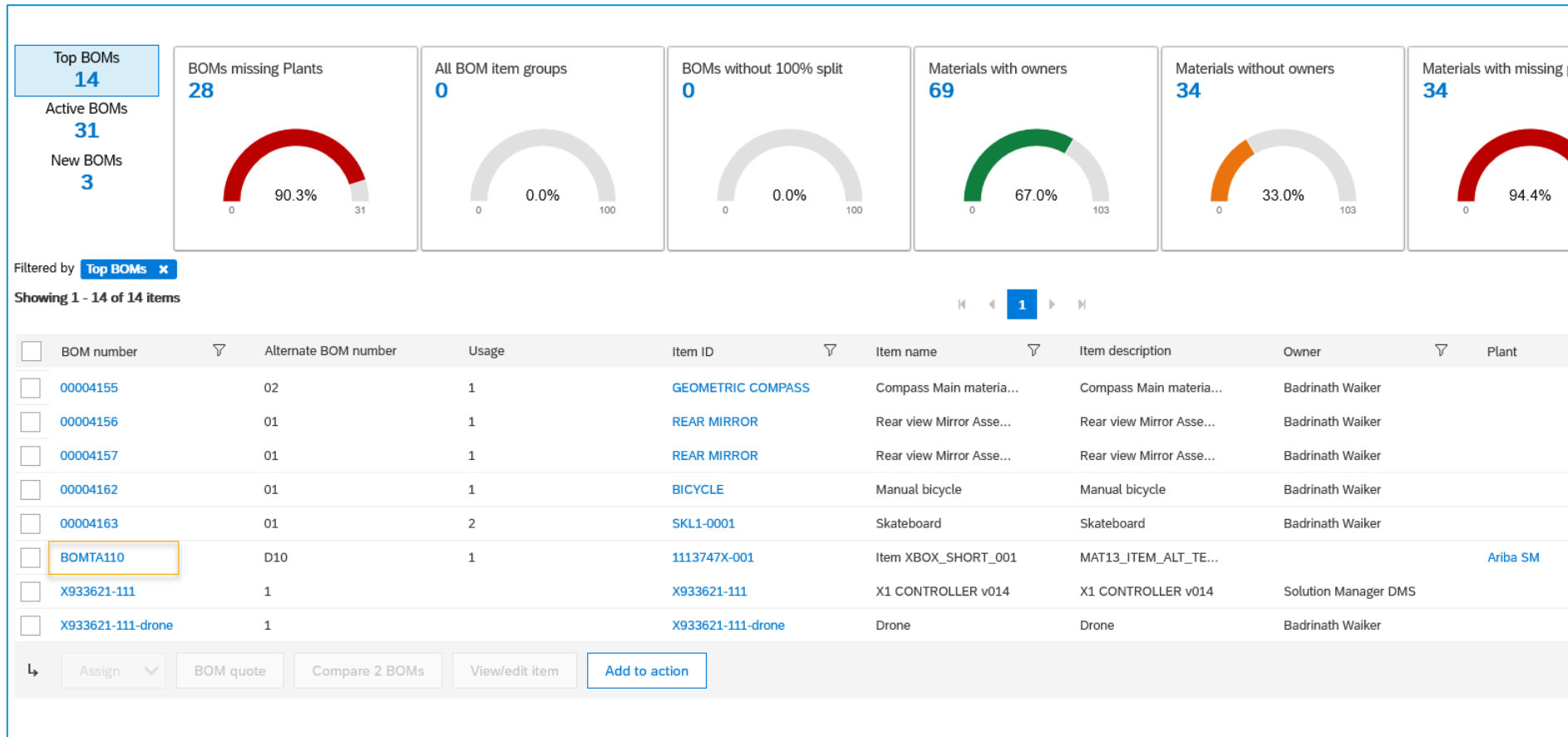
Row number : 1 , Column : BOMPlant - Invalid plant id 0040 for alternative BOM

Done

- Users can track the status of the uploaded BOMs
- Users can track validation errors and fix them
- Users can track failure messages
- And success messages

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- Product sourcing will create the BOM along with the materials in the solution
- The BOM can be viewed and used just like any other BOM for the purpose of assignment, sourcing and cost roll up calculation