



Feature at a Glance

Ability to inherit plant data and manage plant placeholders for BOMs

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CONFIDENTIAL



Feature at a Glance

Ease of implementation

Low touch / simple

Geographic relevance

Global

Introducing: Ability to Inherit Plant Data and Manage Plant Placeholders for BOMs

Customer challenge

- **Additional tasks** to the material owners to manually assign plant information against all the materials they own
- **Inability** to request a quote on BOMs when plants are not decided or unassigned

Meet that challenge with SAP Ariba

SAP Ariba introduced a new feature that adds the ability to manage plant pinning for BOMs and materials by:

- 1) Automatically inherit the plant assignment information directly from the BOMs in SAP ERP via BOM upload
- 2) Inherit material master plants data against materials
- 3) Automatically assign a placeholder plant and allow to copy pricing data from placeholder plant to actual plant

Experience key benefits

- **Better user experience** and **reduced operational tasks** to the material owners by automating the plant pinning task

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 Limitations

Customers should have enabled Product Sourcing

Changes to the default configuration require the assistance of SAP Ariba Support. Have your Designated Support Contact (DSC) submit a Service Request (SR).

Ability to Inherit Plant Data and Manage Plant Placeholders for BOMs

DEPLOYMENT_MODE.SOURCE_OF_PLANT_ASSIGNMENT = {Manual, BOM_Upload, Material_Master}

Manual (default value): Users to manually pin plant information on BOMs

BOM_Upload: Plant data will be inherited from SAP ERP for the BOMs from incoming BOM loads

Material_Master: Item-Plant association loaded as part of item master will be used for pinning

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Go To Dashboard

DEPLOYMENT_MODE.SOURCE_OF_PLANT_ASSIGNMENT = BOM_Upload

HOME SOURCING PRODUCT SOURCING MORE...

Recent Manage Create

Search for materials Search materials by name or ID

Advanced Search

Total BOMs 4

Active BOMs 4

New BOMs 0

0 BOMs missing contract MFRs

4 BOMs missing programs

0 BOMs without 100% split

8 Materials with owners

0 Materials without owners

17 Materials with missing prices

17 Materials with missing AML splits

BOM ID	BOM name	BOM description	Owner	Contract MFR	Programs	Total Cost	Status	Date created
<input type="checkbox"/>	ASSMB MUFLER	Muffler Assembly		2 Contract MFR		0	Active	
<input checked="" type="checkbox"/>	ZOE-3318-001	Trolley 3 wheel	Badrinath Walker	1 Contract MFR		0		
<input type="checkbox"/>	LIGHTENING ASSEMBLY	Complete headlight assembly Ariba	Deployment	1 Contract MFR		0		
<input type="checkbox"/>		GPS setup (L1), without packaging..	Badrinath Walker	1 Contract MFR		0		

Program

Owner

Assign

Owner

Contract MFR

Programs

2 Contract MFR

Badrinath Walker

1 Contract MFR

Deployment

Badrinath Walker

Contract MFR	ERP Contract MFR ID	Contract MFR ID
Ariba SM	1008	1008

Plant/Contract MFR assignment not possible manually anymore

Plant/Contract MFR assignment is now inherited from SAP ERP while BOM upload

Ability to Inherit Plant Data and Manage Plant Placeholders for BOMs

Set `DEPLOYMENT_MODE.SOURCE_OF_PLANT_ASSIGNMENT` = Material_Master

Additionally `DEPLOYMENT_MODE.BOM_SUPPORTED` is changes to `false` from default value `true`; this USE case is used for industries who don't use BOM but use product sourcing for materials

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Go To Dashboard

HOME

SOURCING

PRODUCT SOURCING

MORE...

Recent

Manage

Create

Search materials by name or ID

Advanced Search

21

Materials with owners

0

Materials without owners

16

Materials with missing prices

14

Materials with missing AML splits

36 Materials (Showing 1 to 47)

Plant association inherited from material master

Item ID	Item name	Category	Contract MFR	Supplier name	Split % Oct '18	Contracted p Oct '18	Estimated pri Oct '18	Split % Nov '18	Contracted p Nov '18	Estimated Nov '18
<input type="checkbox"/>	GEOMETRIC COMP...	Compass Main mater...	Ariba SM	SK Sheet Metal						
<input type="checkbox"/>	GEOMETRIC COMP...	Compass Main mater...	Ariba SM2	SK Sheet Metal						
<input type="checkbox"/>	GPS CAR FRONT B...	GPS LCD (L2)	Walldorf	Sterling Group						
<input type="checkbox"/>	LIGHTENING ASSE...	Complete headlight a...	Walldorf	Lightening Components		34			34	
<input type="checkbox"/>	REFLECTOR ASSE...	Green bubls for Light...	Walldorf	Lightening Components		56			56	
<input type="checkbox"/>	ZOE-3318-001	Trolley 3 wheel	Ariba SM	SK Sheet Metal	100	12		100	12	

Required parameters

Search Parameter

deployment

SEARCH

Toggle

Parameter	Value
DEPLOYMENT_MODE.ADD_PLANT_FROM_MASTER_DATA	true
DEPLOYMENT_MODE.BOM_SUPPORTED	false
DEPLOYMENT_MODE.PLANT_ASSIGNMENT_REQUIRED	false
DEPLOYMENT_MODE.SOURCE_OF_PLANT_ASSIGNMENT	Material_Master

Ability to Inherit Plant Data and Manage Plant Placeholders for BOMs

- This USE case is applicable when there are no predefined plants for BOMs or when Universal BOMs/group BOMs are used
- DEPLOYMENT_MODE.PLANT_ASSIGNMENT_REQUIRED** is the key parameter, when set to **false** from its default value **true** a placeholder plant is created for BOMs. RFQ can be requested on BOMs with such plant association
- Later, when plants are decided, new plant tagging can be made in the UI and prices/splits can be copied to new plants

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Go To Dashboard

HOME SOURCING **PRODUCT SOURCING** MORE...

Search for materials Search materials by name or ID Advanced Search

Total BOMs: 7
Active BOMs: 7
New BOMs: 1

2 BOMs missing contract MFRs (28.6%)
7 BOMs missing programs (100.0%)
0 BOMs without 100% split (0.0%)

12 Materials with owners
0 Materials without owners

18 Materials with owners
16 Materials without owners

BOM in consideration

BOM ID	BOM name	BOM description	Owner	Contract MFR	Programs	Total Cost
<input checked="" type="checkbox"/> 00000000050066025	Motor Assembly	Motor Assembly	Badrinath Walker	1 Contract MFR		0
<input type="checkbox"/> REAR MIRROR	Rear view Mirror Assembly	Rear view Mirror Assembly	Badrinath Walker	1 Contract MFR		0
<input type="checkbox"/> GEOMETRIC COMPASS	Compass Main material L1	Compass Main material L1	Badrinath Walker	1 Contract MFR		0
<input type="checkbox"/> ASSMB MUFLER	Muffler Assembly	Muffler Assembly	Badrinath Walker	2 Contract MFR		0
<input type="checkbox"/> ZOE-3318-001	Trolley 3 wheel	Trolley 3 wheel	Badrinath Walker	1 Contract MFR		1094.5
<input type="checkbox"/> LIGHTENING ASSEMBL	Complete headlight assebbly Ariba	Complete headlight assebbly Ari...	Deployment	1 Contract MFR		0

Placeholder plant automatically assigned

Contract MFR	ERP Contract MFR ID	Contract MFR ID
UNASSIGNED	PLACEHOLDER_PLANT	PLACEHOLDER_PLANT

Placeholder plant used as a plant in a sourcing event

All Content [filter]

SK Sheet Metal

Name	Price
Totals	Extended Price: + \$130.00 USD
1 Introduction	
2 Commercial Terms	
3 Pricing	Extended Price: + \$130.00 USD
3.1 Motor Assembly	Quantity: 1 each Extended Price: View pricing conditions Fx Savings: -\$1.00 USD (-8.33%) Fx Plant: PLACEHOLDER_PLANT Material Code: 00000000050066025
3.2 12v DC Motor	More... + View pricing conditions
3.3 Shaft belt assembly	More... + View pricing conditions

Assign

Ability to Inherit Plant Data and Manage Plant Placeholders for BOMs

- 1 A new plant is now tagged to the BOM
- 2 Users get an option now to either copy the pricing from PLACEHOLDER_PLANT to the new plant or replace pricing

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Go To Dashboard

HOME SOURCING **PRODUCT SOURCING** MORE...

Recent Manage Create

Search for materials Search materials by name or ID Advanced Search

Total BOMs: 7
Active BOMs: 7
New BOMs: 1

7 BOMs missing contract MFRs (28.6%)
7 BOMs missing programs (100.0%)
0 BOMs without 100% split (0.0%)
12 Materials with owners (unknown)
0 Materials without owners
18 Materials with missing prices (47.4%)
16 Materials with missing AML splits (42.1%)

BOM ID	BOM name	BOM description	Owner	Contract MFR	Programs	Total Cost	Percentage Complete	Status	
00000000050066025	Motor Assembly	Motor Assembly	Badrinath Walker	2 Contract MFR		0	0%	Active	
	Rear view Mirror Assembly	Rear view Mirror Assembly	Badrinath Walker	Contract MFR	ERP Contract MFR ID	Contract MFR ID	0	100%	Active
	Compass Main material L1	Compass Main material L1	Badrinath Walker	UNASSIGNED	PLACEHOLDER_PLANT	PLACEHOLDER_PLANT	0	0%	Active
	Muffler Assembly	Muffler Assembly		Ariba SM	1008	1008	0	100%	Active
	Trolley 3 wheel	Trolley 3 wheel	Badrinath Walker	1 Contract MFR		1094.5	0%	Active	
	Complete headlight assebbly Ariba	Complete headlight assebbly Ari...	Deployment	1 Contract MFR		0	100%	Active	

View BOM details
View item 360
Copy or replace pricing
View assignment info
Set costing level
Unset costing level

Assign

(Selected items: 1)

Ability to Inherit Plant Data and Manage Plant Placeholders for BOMs

- 1 Users now get an ability to copy or replace pricing
- 2 Users get an option to choose the plants copy/replace pricing
- 3 Users also get an option to copy splits

The screenshot displays the SAP Ariba interface with a modal dialog titled "Copy or replace pricing". The dialog contains the following elements:

- BOM ID:** 00000000050066025
- Buttons:** "Copy Pricing" (highlighted with callout 1) and "Replace Pricing".
- From:** UNASSIGNED (dropdown menu)
- To:** Ariba SM (dropdown menu, highlighted with callout 2)
- Copy Split:** A checkbox that is checked (highlighted with callout 3).
- Footer:** "Copy" and "Cancel" buttons.

The background interface shows a dashboard with BOM statistics and a table of BOM items. The statistics include:

- Total BOMs: 7
- Active BOMs: 7
- New BOMs: 1
- BOMs missing contract MFRs: 2 (28.6%)
- BOMs missing program MFRs: 7 (100.0%)
- Materials with missing prices: 18 (47.4%)
- Materials with missing AML splits: 16 (42.1%)

The BOM table lists items such as "Motor Assembly", "REAR MIRROR", "GEOMETRIC COMPASS", "ASSMB MUFFLER", "ZOE-3318-001", and "LIGHTENING ASSEMBL".