



SAP Ariba 

# Feature at a Glance

## Forecast and supplier managed inventory data unification

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CONFIDENTIAL

## Feature at a Glance

# Introducing: Forecast and supplier-managed inventory data unification

Ease of implementation

Low touch / simple

Geographic relevance

Global

## Customer challenge

Large customers have defined and managed their business process by having Inventory Management and Planning functions in specialized systems. This causes a unique challenge when the same master data elements like product and location information is transferred from more than one system. There is a need to resolve the system difference and provide a combined view as the data is meant for a unique collaboration process.

## Meet that challenge with SAP Ariba

With the forecast and supplier-managed inventory data unification feature, buyers and suppliers can choose to show a single view of combined forecast and supplier-managed inventory processes, including for replenishment orders, that are orchestrated across multiple ERP systems. The **System ID** field identifies which ERP system provided the data. For suppliers, the combined view is displayed by default.

## Experience key benefits

In such a multi-system environment where data is segregated based on the internal processes defined by the business this feature allows to converge the data in a single view for external collaboration. On the Buyer side the feature provides the required flexibility to deal with internal data and process complexities. On the supplier side it provides better usability and a consistent, transparent view into buyers planning collaboration data along with the corresponding process type.

## Solution area

SAP Ariba Supply Chain Collaboration

## Implementation information

This feature is “on” by default for customers of SAP Ariba Supply Chain Collaboration for Buyers who are also entitled for the Inventory Add-On as well as the Forecast Add-On.

## Prerequisites and Limitations

Suppliers have to be enabled for Ariba Supply Chain Collaboration by the Buyer.

Part status actions (Make active, Make inactive, and Clear data) are not supported in this unified view.

# Feature at a Glance

## Introducing: Forecast and supplier-managed inventory data unification

The forecast and supplier-managed inventory data unification feature displays, combined in a single entry on the **Planning → Planning Collaboration** page, any data for forecast and supplier-managed inventory that have the same buyer, supplier, part, and plant. A **Multiple** value in the **Process type** column indicates the line item has combined data.

Ariba Supply Chain Collaboration

Company Settings | Brian Chappell | Help Center

HOME | INBOX | OUTBOX | QUALITY | **PLANNING** | CATALOGS | REPORTS | UPLOAD/DOWNLOAD

Forecast | Planning Collaboration | Sales Report

Planning Collaboration

Search filters

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Customer	Customer part no.	Supplier part no.	Customer location	Lead time	Part status	Last customer update	Last supplier update ↑	Stock on hand	Stock levels		Unit	Days of supply		Projected Stock - 10 weeks	Process type	
								Status	Min.	Max.		Min.	Max.			
TechDronix	II-14415	II-14419	0001 (Werk 0001)	21	active	19 Jul 2018 5:08:13 AM	31 Aug 2018 2:54:26 AM	No data	0	0	PCE			█	Multiple	Details
TechDronix	DICE-DP-0500		0001 (Werk 0001)	7	active	31 Aug 2018 1:53:39 PM	10 Sep 2018 8:43:50 AM	Below minimum	700	1000	EA			█	Multiple	Details
TechDronix	VM1_PROC-LS-AB-9999		3200 (Atlanta)	2	active	29 May 2018 1:38:16 AM	10 Sep 2018 3:46:23 PM	No data			EA			█	Replenishment	Details
TechDronix	FU_RO_0001		0001 (Werk 0001)	2	active	13 Sep 2018 10:29:30 PM	12 Sep 2018 7:07:43 AM	No data	200	500	EA			█	Replenishment	Details
TechDronix	DICE-DP-0800		0001 (Werk 0001)	21	active	10 Sep 2018 8:52:36 AM	14 Sep 2018 2:55:20 AM	Below minimum	450	1000	EA	20	20	█	Replenishment	Details
TechDronix	II-14417	II-14417-VENDOR	0001 (Werk 0001)	35	active	10 May 2018 5:04:22 PM	17 Sep 2018 6:35:57 AM	Above maximum	500	1000				█	Multiple	Details
TechDronix	BP_SMI_TST0		0001 (Werk 0001)	7	active	17 Aug 2017 6:00:17 AM	20 Sep 2018 5:43:33 AM	Below minimum	240	350				█	Supplier managed inventory	Details
TechDronix	211	CW08_S442	0001 (Werk 0001)	10	active	19 Jun 2018 1:31:13 AM		On track	10	150	EA			█	Multiple	Details
TechDronix	II-14419	II-14419	0001 (Werk 0001)		active	19 Jan 2018 9:34:21 AM		No data						█	Forecast	Details
TechDronix	VM_TEST_1		0001 (Werk 0001)	7	active	17 Jul 2018 7:16:13 AM		No data	100	160	EA			█	Multiple	Details
TechDronix	ERP2-14415	ERP2-14419		21	active	22 Apr 2018 10:43:48 PM		No data			PCE			█	Supplier managed inventory	Details
TechDronix	ERP3-14415	ERP3-14419		21	active	22 Apr 2018 10:43:48 PM		No data			PCE			█	Supplier managed inventory	Details
TechDronix	ERP4-14415	ERP4-14419		21	active	22 Apr 2018 10:43:48 PM		No data			PCE			█	Supplier managed inventory	Details
TechDronix	CSC_SMI_SSD		0001 (Werk 0001)	0	active	2 Sep 2018 9:41:36 AM		No data	0	0	EA			█	Replenishment	Details
TechDronix	CSC_II-14417		0001 (Werk 0001)	35	active	31 Aug 2018 10:58:23 AM		No data			PCE			█	Replenishment	Details

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█ On track
 █ Above maximum
 █ Below Minimum
 █ Out of stock
 █ No data

# Feature at a Glance

## Introducing: Forecast and supplier-managed inventory data unification

In the Details view the table shows key figures for both forecast data and supplier-managed inventory including replenishment orders, that belong to the same buyer, supplier, part, and plant.

Forecast Planning Collaboration Sales Report

Planning details

TechDronix Part no. DICE-DP-0500 Customer Location Werk 0001

View by: Daily Starting from: 09/24/2018

Chart

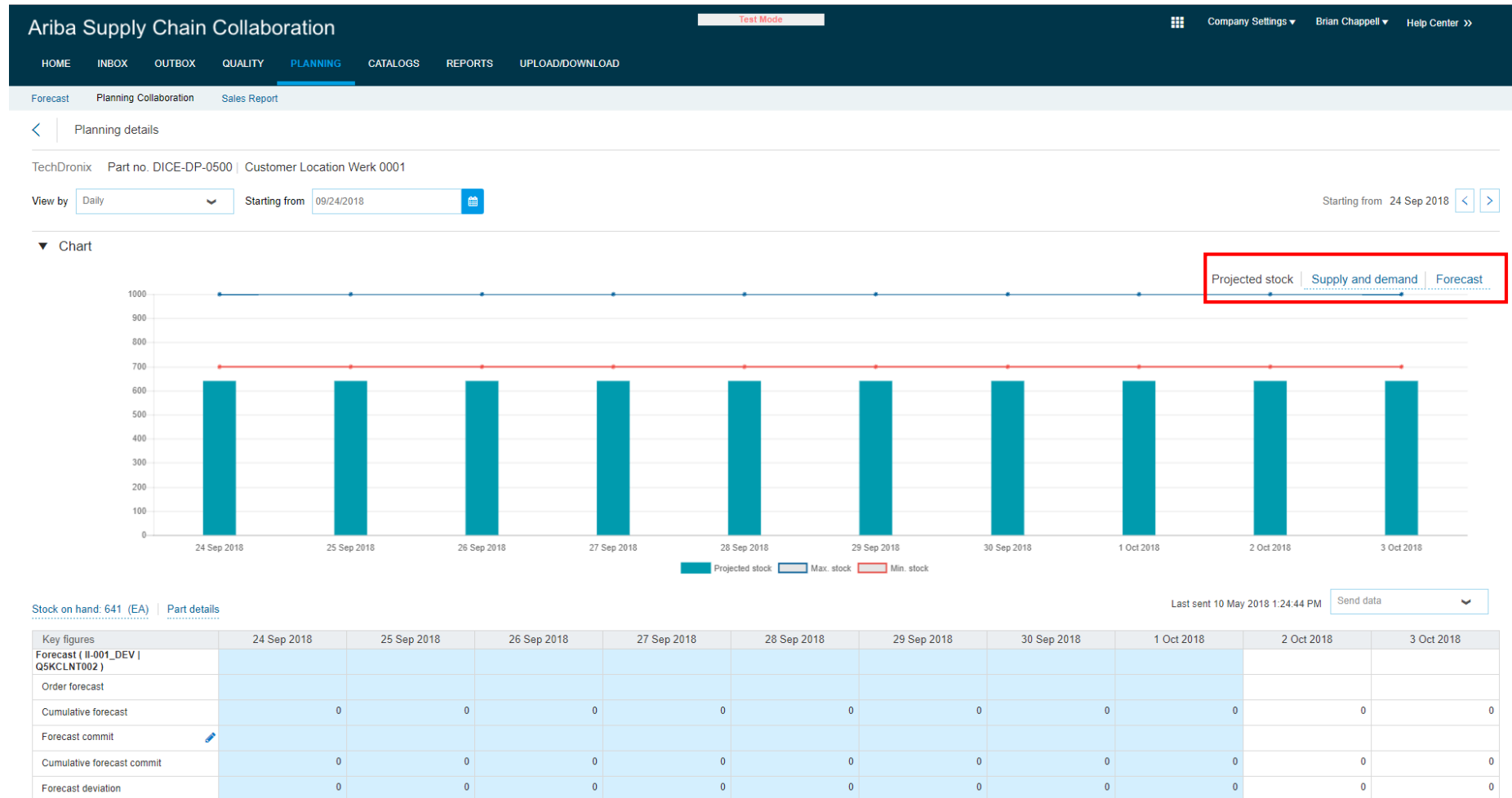
Stock on hand: 641 (EA) Part details Last sent 10 May 2018 1:24:44 PM

Key figures	24 Sep 2018	25 Sep 2018	26 Sep 2018	27 Sep 2018	28 Sep 2018	29 Sep 2018	30 Sep 2018	1 Oct 2018	2 Oct 2018
Forecast (II-001_DEV   Q5KCLNT002)									
Order forecast									
Cumulative forecast	0	0	0	0	0	0	0	0	0
Forecast commit									
Cumulative forecast commit	0	0	0	0	0	0	0	0	0
Forecast deviation	0	0	0	0	0	0	0	0	0
Forecast change	0	0	0	0	0	0	0	0	0
Upside forecast									
CS target									
PO Total									
Supplier managed inventory (II-001_DEV   Q5KCLNT002)									
Gross demand									
Firmed orders									
Supply									
In transit									
Projected stock	641	641	641	641	641	641	641	641	641
Minimum proposal	59	59	59	59	59	59	59	59	59
Maximum proposal	359	359	359	359	359	359	359	359	359
ASN received									
Days' supply (SMI)	365	364	363	362	361	360	359	358	

# Feature at a Glance

## Introducing: Forecast and supplier-managed inventory data unification

The chart provides links for Projected stock, Supply and demand, and Forecast views.



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## Introducing: Forecast and supplier-managed inventory data unification

The Send data link is replaced by a Send data dropdown with the choices Send forecast and Send inventory

The screenshot displays the Ariba Supply Chain Collaboration interface. At the top, there is a navigation bar with options like HOME, INBOX, OUTBOX, QUALITY, PLANNING, CATALOGS, REPORTS, and UPLOAD/DOWNLOAD. Below this, the 'Forecast' section is active, showing 'Planning details' for 'TechDronix Part no. DICE-DP-0500 Customer Location Werk 0001'. The interface includes a 'View by' dropdown set to 'Daily' and a 'Starting from' date of '09/24/2018'. A 'Chart' section is also visible. The main data table shows 'Stock on hand: 641 (EA)' and 'Part details'. The table columns represent dates from 24 Sep 2018 to 2 Oct 2018. The rows include 'Key figures', 'Forecast (I-001\_DEV | Q5KCLNT002)', 'Order forecast', 'Cumulative forecast', 'Forecast commit', 'Cumulative forecast commit', 'Forecast deviation', 'Forecast change', 'Upside forecast', 'CS target', 'PO Total', 'Supplier managed inventory (I-001\_DEV | Q5KCLNT002)', 'Gross demand', 'Firmed orders', 'Supply', 'In transit', 'Projected stock', 'Minimum proposal', 'Maximum proposal', and 'ASN received'. A dropdown menu labeled 'Send data' is highlighted with a red box, showing options for 'Send forecast' and 'Send inventory'. The 'Send data' dropdown is located in the top right corner of the table area.

Key figures	24 Sep 2018	25 Sep 2018	26 Sep 2018	27 Sep 2018	28 Sep 2018	29 Sep 2018	30 Sep 2018	1 Oct 2018	2 Oct 2018
Forecast (I-001_DEV   Q5KCLNT002)									
Order forecast									
Cumulative forecast	0	0	0	0	0	0	0	0	0
Forecast commit									
Cumulative forecast commit	0	0	0	0	0	0	0	0	0
Forecast deviation	0	0	0	0	0	0	0	0	0
Forecast change	0	0	0	0	0	0	0	0	0
Upside forecast									
CS target									
PO Total									
Supplier managed inventory (I-001_DEV   Q5KCLNT002)									
Gross demand									
Firmed orders									
Supply									
In transit									
Projected stock	641	641	641	641	641	641	641	641	641
Minimum proposal	59	59	59	59	59	59	59	59	59
Maximum proposal	359	359	359	359	359	359	359	359	359
ASN received									

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In the **Buyers** view under Planning → Planning collaboration there is a selection option under **Search filters** to combine data with the same part and plant by system-ID by selecting resp. deselecting 'Show unique part and plant'.

▼ Search filters

Supplier

Customer part no.

Supplier part no.

Customer location

Planner code

Part category

Show unique part and plant

Line of business

Product family

Product subfamily

Internal program code

Program code

Part type

Process type

Part status  Active  Inactive

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Supplier	Customer part no.	Customer location	Lead time	Part status	Last customer update ↑	Last supplier update	Stock on hand		Stock levels		Unit	Days of supply		Projected Stock - 10 weeks	Process type	Details
							Quantity	Status	Min.	Max.		Min.	Max.			
Smart Tech	DICE-DP-0500	0001 (Werk 0001)	7	active	31 Aug 2018 1:53:39 PM	10 Sep 2018 8:43:50 AM	641	Below minimum	700	1000	EA				Multiple	

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■ On track 
 ■ Above maximum 
 ■ Below Minimum 
 ■ Out of stock 
 ■ No data

Part category

Show unique part and plant

Part type

Process type

Part status  Active  Inactive

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Supplier	Customer part no.	Customer location	Lead time	Part status	Last customer update ↑	Last supplier update	Stock on hand		Stock levels		Unit	Days of supply		Projected Stock - 10 weeks	Process type	System	Details
							Quantity	Status	Min.	Max.		Min.	Max.				
<input type="checkbox"/>	Smart Tech	DICE-DP-0500	0001 (Werk 0001)	7	active	31 Aug 2018 1:53:39 PM	10 May 2018 1:24:50 PM	641	Below minimum	700	1000	EA			Replenishment	OSKCLNT002	
<input type="checkbox"/>	Smart Tech	DICE-DP-0500	0001 (Werk 0001)	7	active	7 May 2018 4:55:12 PM	10 Sep 2018 8:43:50 AM	200	Above maximum	100	160				Forecast	OSKCLNT002	
<input type="checkbox"/>	Smart Tech	DICE-DP-0500	0001 (Werk 0001)	7	active	6 Mar 2018 10:40:05 AM	30 Apr 2018 9:40:12 AM	641	Below minimum	700	1000	EA			Supplier managed inventory	OSKCLNT002	

Make inactive

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■ On track 
 ■ Above maximum 
 ■ Below Minimum 
 ■ Out of stock 
 ■ No data

If the option is **not** selected there are separate lines for the same part and plant by system-ID.