



SAP Ariba 

# Feature at a Glance

**Order confirmation deviation approval for quantity, delivery date, and price**

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Target GA: November 2019

CONFIDENTIAL

# Feature at a Glance

Ease of implementation  High touch  
Geographic relevance  Global

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

### Customer challenge

- The order fulfilment process for direct materials involves approval of order confirmation data to better manage supply commits from the supplier and address any deviations.
- Today suppliers are not allowed to submit order confirmations outside defined tolerances.
- There was no approval framework on Ariba Network for buyers to view alerts on order confirmation deviations and take action.

### Meet that challenge with SAP Ariba

With this feature

- Ariba Network helps buyers define logic to capture exceptions (deviations) generated during the order confirmation process and
- Configure order confirmations subject to approval (at default transaction rule level and at supplier group level).
- Buyers can now Approve, Reject or Approve and Update the deviations in the Supply Chain Monitor dashboard for one or multiple deviations

### Experience key benefits

- The feature provides buyers with a settings framework, flexible enough to allow them to define which confirmation deviations need approval and a mechanism to take action on them.
- The approval scenarios are integrated seamlessly with backend SAP ERP system and helps drive end to end efficiency across the process

### Solution area

SAP Ariba Supply Chain Collaboration

### Implementation information

- This feature is automatically on for all customers with the applicable solutions but requires **customer configuration**.
- Alternate cXML document routing can be enabled by raising an SR.

### Prerequisites and Restrictions

- To enable proper routing of approval request documents alternate cXML document routing must be enabled
- Buyers must use cXML 1.2.039 or later to support approval request
- Feature only supports material items
- Integration for price deviation with SAP ERP is not available and is planned for a future CIG release.

# Feature at a Glance

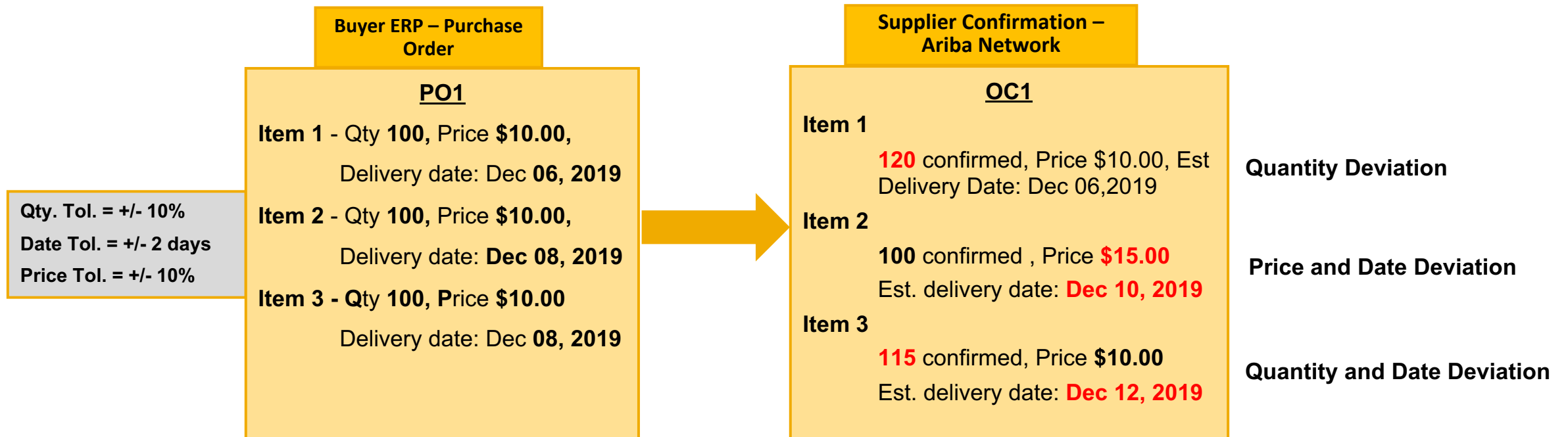
## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

### Feature Details:

Earlier, If supplier entered confirmation data that Ariba Network determines is out of tolerance, default behavior was that supplier was not allowed to submit order confirmation (supplier must re-enter values that are within tolerance).

With this feature, supplier is now able to submit an order confirmation even when it is out of tolerance. An alert is generated and buyer can decide whether to **approve**, **approve and update** or **reject** the deviation. As a result, order confirmation deviations do not hit the customer's ERP backend system until proactively **resolved** by a buyer.

### Examples of Deviations



# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

### Buyer side Configuration Details

- The feature is available through a default transaction rule and at supplier group level.
- Following rule is added to default transaction rules – “Allow suppliers to send order confirmations that do not comply with defined tolerances and require buyer approval”
- When this rule is checked, suppliers can send order confirmations with line items that are out of quantity, delivery date, or price tolerance. Such line items are updated with a status of “Awaiting Approval.” The quantity, delivery date, or price deviation from the order must be approved or rejected by the buyer.
- This rule has two choices of order confirmation deviation approval levels:
  - **Single-level deviation approval**—Provides a single level of approval. Customers approve deviations directly in the buyer portal. Default setting.
  - **Multilevel deviation approval**—Provides multiple levels of approval. Customers approve deviations first in the buyer portal, then in the customer’s backend ERP system.
- **Note:** When the rule “Allow suppliers to send order confirmations for material orders at the line-item level ” is unchecked, the new rule “Allow suppliers to send order confirmations that do not comply with defined tolerances and require buyer approval” is grayed-out.
- If approval process is enabled, order confirmation cXML is attached to an **Approval Request** cXML document. The approval request can be seen as related document within order confirmation

Allow suppliers to send order confirmations that do not comply with defined tolerances and require buyer approval. ⓘ	<input checked="" type="checkbox"/>
Order confirmation deviation approval level. ⓘ	Single-level deviation approval ▾
Allow suppliers to edit components in order confirmations.	Single-level deviation approval
Send suppliers an automatic reminder of unconfirmed orders after a specified number of days. ⓘ	Multi-level deviation approval

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

### Business Scenario Example

- Customer sends order with four items. All of them have the following tolerances defined:
  - Quantity and price tolerance = +/- 10%
  - Delivery date tolerance = +/- 2 days
- Scenario explains deviations approval feature with below use cases for different line items
- If item has schedule lines, valid date ranges are calculated for each schedule line. Estimated delivery date of **all** of the item's confirmation statuses should be within at least one of the ranges.
- If item has schedule lines, overall quantity (sum of quantities of all the item's confirmation statuses) is validated against the tolerance.

Line Items									
Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal
1	AX4518	AX4518	Material			100 (PK)	10 Feb 2019	\$120.00 USD	\$12,000.00 USD
Description: Item 1									
2	AX4518	AXSPA001	Material			100 (PK)	10 Feb 2019	\$100.00 USD	\$10,000.00 USD
Description: Item 2									
3	AX4519	AXSPA002	Material			100 (PK)	6 Feb 2019	\$100.00 USD	\$10,000.00 USD
Description: Item 3									
4	AX4520	AXSPA003	Material			100 (PK)	8 Feb 2019	\$100.00 USD	\$10,000.00 USD
Description: Item 4									

Line 1 Delivery Date

Line 2 Quantity

Line 3 Quantity & Price

Line 4 No Deviation

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

### Business Scenario Example

- Example of cXML identifying the permissible tolerances passed through ERP PO cXML based on control key definitions for Quantity, Date and Price

### Date Tolerance

```
<ControlKeys>
  <OCInstruction value = "allowed">
    <Lower>
      <Tolerances>
        <QuantityTolerance>
          <Percentage percent = "10"/>
        </QuantityTolerance>
        <TimeTolerance limit="2" type="days"/>
      </Tolerances>
    </Lower>
    <Upper>
      <Tolerances>
        <QuantityTolerance>
          <Percentage percent = "10"/>
        </QuantityTolerance>
        <TimeTolerance limit="2" type="days"/>
      </Tolerances>
    </Upper>
  </OCInstruction>
</ControlKeys>
```

### Quantity Tolerance

```
<ControlKeys>
  <OCInstruction value = "allowed">
    <Lower>
      <Tolerances>
        <QuantityTolerance>
          <Percentage percent = "10"/>
        </QuantityTolerance>
        <PriceTolerance>
          <Percentage percent="10"/>
        </PriceTolerance>
        <TimeTolerance limit="2" type="days"/>
      </Tolerances>
    </Lower>
    <Upper>
      <Tolerances>
        <QuantityTolerance>
          <Percentage percent = "10"/>
        </QuantityTolerance>
        <PriceTolerance>
          <Percentage percent="10"/>
        </PriceTolerance>
        <TimeTolerance limit="2" type="days"/>
      </Tolerances>
    </Upper>
  </OCInstruction>
</ControlKeys>
```

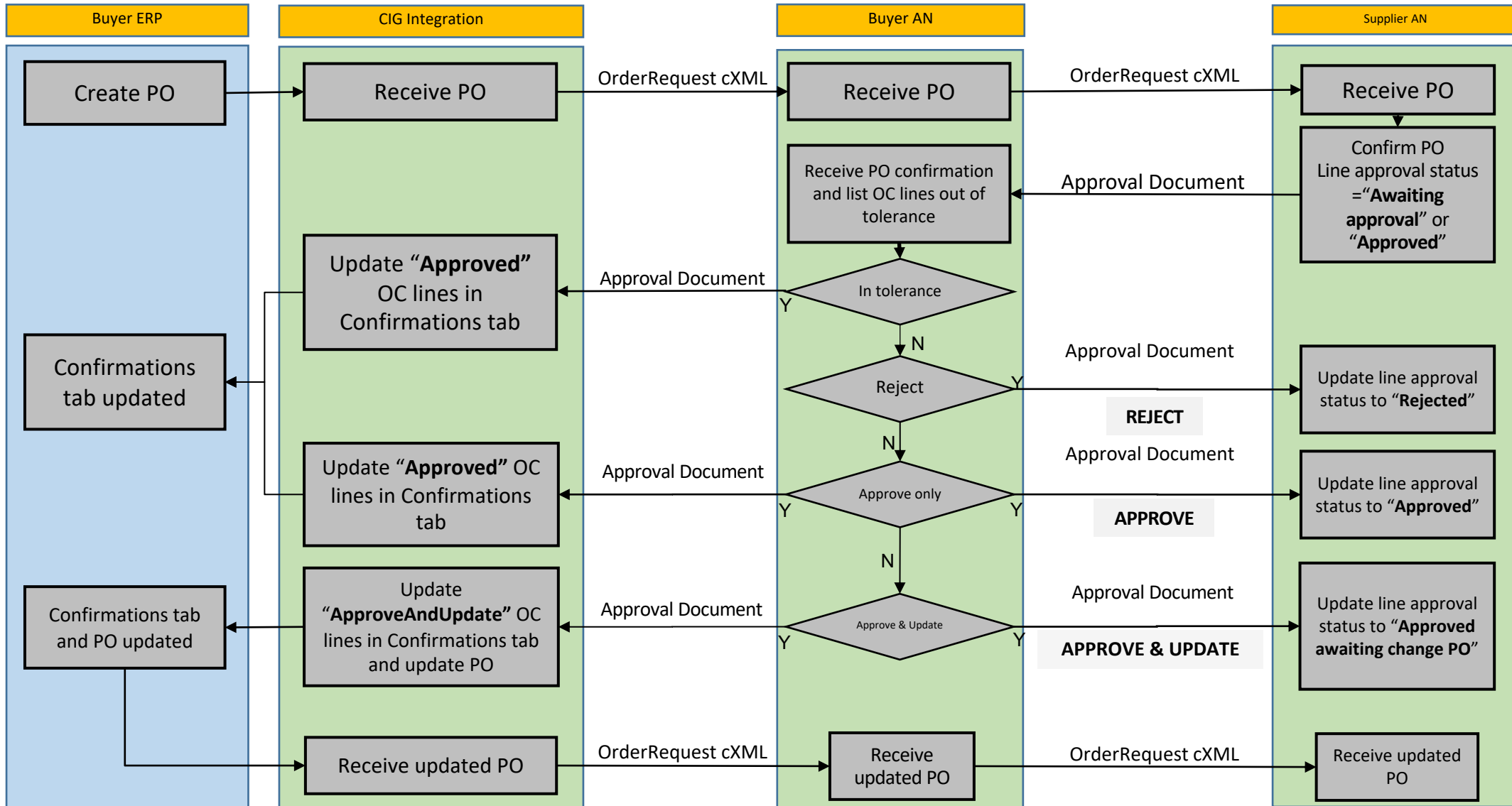
### Price Tolerance

```
<ControlKeys>
  <OCInstruction value = "allowed">
    <Lower>
      <Tolerances>
        <QuantityTolerance>
          <Percentage percent = "10"/>
        </QuantityTolerance>
        <PriceTolerance>
          <Percentage percent="10"/>
        </PriceTolerance>
        <TimeTolerance limit="2" type="days"/>
      </Tolerances>
    </Lower>
    <Upper>
      <Tolerances>
        <QuantityTolerance>
          <Percentage percent = "10"/>
        </QuantityTolerance>
        <PriceTolerance>
          <Percentage percent="10"/>
        </PriceTolerance>
        <TimeTolerance limit="2" type="days"/>
      </Tolerances>
    </Upper>
  </OCInstruction>
</ControlKeys>
```

# Single Level Deviation Approval

# Feature at a Glance

Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**





# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price




- If the items are confirmed outside tolerances, based on business scenario explained above, the system will show warning icon against the items outside tolerances while confirming the order on “review confirmation” step
- **Item 4** doesn't display an icon because it was confirmed as-is.

1 Update Item Status

2 Review Confirmation

Confirmation #: OCDevApproval  
Supplier Reference:

### Line Items

Line #	Part #	Customer Part #	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal
 1	AX4518	AX4518		100 (PK)	10 Feb 2019	\$120.00 USD	\$12,000.00 USD
<p>• The order confirmation for this item needs buyer approval.</p> <p>Current Order Status: 50 Confirmed As Is (Estimated Delivery Date: 10 Feb 2019 ) 50 Confirmed With New Date (Estimated Delivery Date: 18 Feb 2019 )</p>							
 2	AX4518	AXSPA001		100 (PK)	10 Feb 2019	\$100.00 USD	\$10,000.00 USD
<p>Description: Item 2</p> <p>► <b>Schedule Lines</b></p> <p>Current Order Status: 120 Confirmed As Is</p>							
 3	AX4519	AXSPA002		100 (PK)	6 Feb 2019	\$100.00 USD	\$10,000.00 USD
<p>Description: Item 3</p> <p>► <b>Schedule Lines</b></p> <p>Current Order Status: 120 Confirmed With Changes (Confirmed Unit Price: \$120.00 USD )</p>							
4	AX4520	AXSPA003		100 (PK)	8 Feb 2019	\$100.00 USD	\$10,000.00 USD
<p>Description: Item 4</p> <p>► <b>Schedule Lines</b></p> <p>Current Order Status: 100 Confirmed As Is</p>							

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

- PO details page also shows the warning icon for items that were not confirmed within tolerance.
- If the item is confirmed out of tolerance, its confirmation status is Awaiting approval.
  - Items awaiting approval can't be shipped or invoiced.
- If item is confirmed within tolerance → Approval status = (automatically) **approved**

⚠ Order confirmations for one or more line items require buyer approval.

### Line Items

[Show Item Details](#) 

1

Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer Location
1	AX4518	AX4518	Material			100 (PK)	10 Feb 2019	\$120.00 USD	\$12,000.00 USD	<a href="#">Summary</a>

- The order confirmation for this item needs buyer approval.

50 Confirmed As Is (Estimated Delivery Date: 10 Feb 2019 )

50 Confirmed With New Date (Estimated Delivery Date: 18 Feb 2019 )

2

Buyer confirmation approval status | Awaiting approval

#### Control Keys

Order Confirmation: allowed

#### Accounting

G/L Account Entertainment 23456

Cost Center Western Region Sales 2323

4	AX4520	AXSPA003	Material			100 (PK)	8 Feb 2019	\$100.00 USD	\$10,000.00 USD	<a href="#">Summary</a>
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Description: Item 4

#### Status

100 Confirmed As Is

3

Buyer confirmation approval status | Approved

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

➤ Supplier can search for items by their confirmation status in Items to Confirm page:

- Items awaiting buyer response or supplier reconfirmation.
- Items approved by buyer.
- Items rejected by buyer.

The screenshot displays the 'Orders and Releases' interface. At the top, there are tabs for 'Orders and Releases', 'Items to Confirm', 'Items to Ship', and 'Return Items'. Below this is a 'Search Filters' section with various input fields: Customer (All Customers), Order Number (PO.OCDevApproval), Planner Code, Product Group (Line Of Business), Need by Date Range (Other), Start Date (30 Jan 2019), End Date (9 Mar 2019), Category (All), Part #, Customer Part #, Supplier Batch ID, Customer Location, and Ordering Address ID. A 'Status' dropdown is highlighted with a red box, showing 'Items awaiting buyer response or supplier reconfirmation'. Below the filters is a 'Number of Results' field set to 500, with 'Search' and 'Reset' buttons. The main section is titled 'Items to Confirm (3)' and contains a table with the following data:

Order Number	Item	Description	Customer	Confirmation Approval Status	Requested Qty	Qty to Confirm	Need By ↑	Schedule Line	Actions
<input type="checkbox"/> PO.OCDevApproval	3	Item 3	DEV26 SCC Buyer ML Carla	Awaiting approval	100 (PK)		6 Feb 2019	View	Actions ▾
<input type="checkbox"/> PO.OCDevApproval	1	Item 1	DEV26 SCC Buyer ML Carla	Awaiting approval	100 (PK)		10 Feb 2019	View	Actions ▾
<input type="checkbox"/> PO.OCDevApproval	2	Item 2	DEV26 SCC Buyer ML Carla	Awaiting approval	100 (PK)		10 Feb 2019	View	Actions ▾

At the bottom of the table, there are three buttons: 'Confirm Requested Quantities', 'Confirm Entire Order', and 'Create Quality Notification'.

## Feature at a Glance

### Introducing: Order confirmation deviation approval for quantity, delivery date, and price

If approval process is enabled, order confirmation cXML is attached to an **Approval Request** cXML document.

Sample below shows that items 1, 2 and 3 were confirmed out of tolerance (acceptanceStatus = awaitingApproval) and item 4 was confirmed within tolerance (acceptanceStatus = approved).

```
<ApprovalRequest>
  <ApprovalRequestHeader creationDate="2019-02-05T10:39:56-08:00" type="orderConfirmation">
    <DocumentReference payloadID="1549391748891-7094174263219344621@10.163.1.109"/>
    <cXMLAttachment>
      <Attachment>
        <URL>cid:1549391748891-7094174263219344621@10.163.1.109</URL>
      </Attachment>
    </cXMLAttachment>
    <Comments>1448978520980-2378603f1559071@10.2019-01-29.007</Comments>
  </ApprovalRequestHeader>
  <AcceptanceItem lineNumber="1" acceptanceStatus="awaitingApproval">
    <DeviationReason value="dateDeviation"/>
  </AcceptanceItem>
  <AcceptanceItem lineNumber="2" acceptanceStatus="awaitingApproval">
    <DeviationReason value="quantityDeviation"/>
  </AcceptanceItem>
  <AcceptanceItem lineNumber="3" acceptanceStatus="awaitingApproval">
    <DeviationReason value="priceDeviation"/>
    <DeviationReason value="quantityDeviation"/>
  </AcceptanceItem>
  <AcceptanceItem lineNumber="4" acceptanceStatus="approved"/>
</ApprovalRequest>
```

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

In Ariba Network, the Approval Document is displayed as a **Related Document** in the **Order Confirmation** page.

- The Order Confirmation status is set to "Sent" when Approval Request document is propagated.
- The Order Confirmation status is set to "Acknowledged" when SUR for Approval Request document in buyer system is received and it sets the Approval Request status to Acknowledge. Approval Request document in supplier system is also set to "Acknowledged" at this point.

Order Confirmation: OCDevApproval

Done Previous

Print Export cXML

Detail History

Confirmation #: OCDevApproval  
Notice Date: 5 Feb 2019  
Purchase Order: PO.OCDevApproval

Related Documents: OCDevApproval\_AR

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

The most relevant fields in the approval document page are:

- Confirmed Delivery Date, Confirmed Quantity, Rejected Quantity, Confirmed Unit Price: which are displayed for each **confirmation status**.
- Approval status: which is displayed at **line-item** level.

Approval Request: OCDevApproval\_AR [Done](#) [Previous](#)

[Print](#) [Export cXML](#)

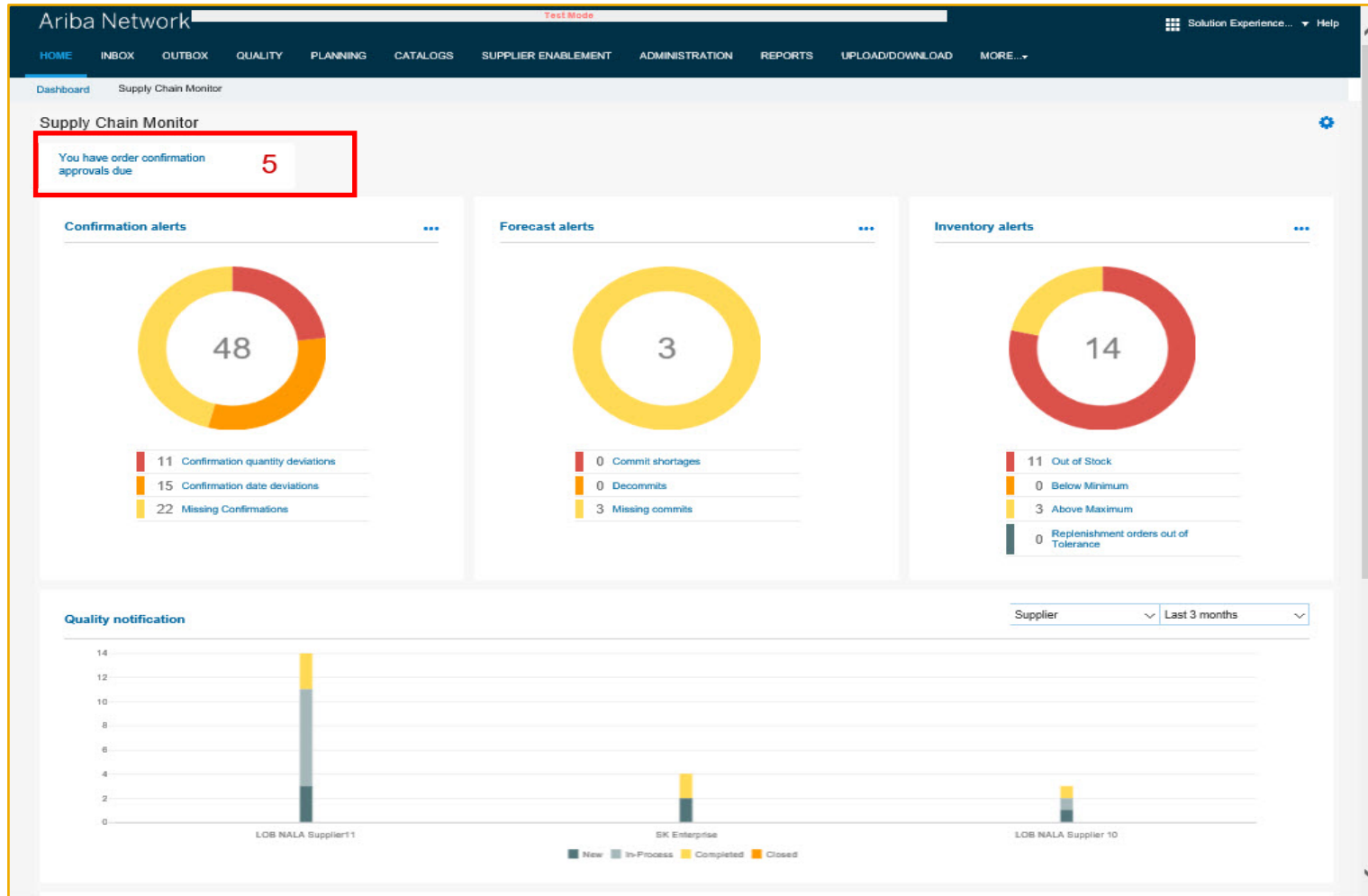
[Detail](#) [History](#)

Order Number	Line Number	Confirmation Number	Requested Delivery Date	Requested Quantity	Unit	Approval Status
PO.OCDevApproval	1	OCDevApproval	2019-02-10 04:03:34 America/Los_Angeles	100	PK	Awaiting approval
Confirmed Delivery Date		Confirmed Quantity	Rejected Quantity	Confirmed Unit Price	Deviation Reason	
2019-02-10 04:03:34 America/Los_Angeles		50			Date	
2019-02-18 09:00:00 America/Los_Angeles		50				
PO.OCDevApproval	2	OCDevApproval	2019-02-10 04:03:34 America/Los_Angeles	100	PK	Awaiting approval
Confirmed Delivery Date		Confirmed Quantity	Rejected Quantity	Confirmed Unit Price	Deviation Reason	
		120			Quantity	
PO.OCDevApproval	3	OCDevApproval	2019-02-06 04:03:34 America/Los_Angeles	100	PK	Awaiting approval
Confirmed Delivery Date		Confirmed Quantity	Rejected Quantity	Confirmed Unit Price	Deviation Reason	
		120		\$120.00 USD	Price	
					Quantity	
PO.OCDevApproval	4	OCDevApproval	2019-02-08 04:03:34 America/Los_Angeles	100	PK	Approved
Confirmed Delivery Date		Confirmed Quantity	Rejected Quantity	Confirmed Unit Price		
		100				

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

In Supply Chain Monitor (Buyer Account) there will be an tile for Order Confirmation approvals once the settings are activated.



# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

### Buyer Permissions

Three new buyer permissions are available to be assigned to individual based on role in organization:

- Permission to approve or reject quantity deviation.
- Permission to approve or reject price deviation.
- Permission to approve or reject date deviation.

### Create Role

[Save](#) [Cancel](#)

\* Indicates a required field

#### New Role Information

Name:\*

Description:

#### Permissions

Each role must have at least one permission.

Page  [»](#)

Permission	Description
<input type="checkbox"/> Permission to approve or reject date deviation	Permission to approve or reject date deviation
<input type="checkbox"/> Permission to approve or reject price deviation	Permission to approve or reject price deviation
<input type="checkbox"/> Permission to approve or reject quantity deviation	Permission to approve or reject quantity deviation
<input type="checkbox"/> Access to order confirmation approvals	Access to order confirmation approvals



# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

The alerts in the Order confirmation approval alerts page can be filtered by below criteria's:

- Multiple deviations
- Date deviations: includes deviations with type Multiple that have a date component.
- Quantity deviations: includes deviations with type Multiple that have a quantity component.
- Price deviations: includes deviations with type Multiple that have a price component.
- Deviations awaiting ERP approval

Order confirmation approval alerts

Supplier Part **1** PO.C **2** Approval **3** **4** Filter Reset

All 3 Multiple deviations **1** Date deviation 1 Quantity deviation 2 Price deviation 1 Awaiting ERP approval

Approve Reject

Supplier	Order no.	Confirmation no.	Part no.	Item no.	Location	Requested delivery date	Requested quantity	Confirmed quantity	Unit price	Deviation type	Status
DEV26 SCC Supplier Carla	PO.OCDevApproval	OCDevApproval	AXSPA002	3	Acme	2019-02-06	100 (PK)	120 (PK) ⚠	100 (USD)	Multiple	Pending

Price deviation Pending

Quantity deviation Pending

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

The information of each deviation is displayed at item level and at confirmation status level.

Supplier		Order no.	Confirmation no.	Part no.	Item no.	Location	Requested delivery date	Requested quantity	Confirmed quantity	Unit price	Deviation type	Status
<input type="checkbox"/>	LQ2 SCC Supplier Carla	PO.ApprovalRetainOC1	ApprovalRetainOC1	AX4518	1	Acme	2019-02-15	100 (PK)	120 (PK) ⚠	100 (USD)	Multiple	Pending
							Confirmed delivery date	Confirmed quantity	Rejected quantity	Confirmed unit price		
							2019-02-28 ⚠	120 (PK)				
											<input type="button" value="Approve"/>	<input type="button" value="Reject"/>
<input type="checkbox"/>	LQ2 SCC Supplier Carla	PO.ApprovalRetainOC1	ApprovalRetainOC1	AXSPA002	3	Acme	2019-02-22	100 (PK)	100 (PK)	100 (USD)	Price	Pending
<input type="checkbox"/>	LQ2 SCC Supplier Carla	PO.ApprovalRetainOC1	ApprovalRetainOC1	AXSPA002	4	Acme	2019-02-23	100 (PK)	100 (PK)	100 (USD)	Date	Pending
							Confirmed delivery date	Confirmed quantity	Rejected quantity	Confirmed unit price		
							2019-02-28 ⚠	100 (PK)				
											<input type="button" value="Approve"/>	<input type="button" value="Reject"/>

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

Buyers can do mass approve or reject deviations. For this, customer must select the deviations to be approved/rejected and click **Approve** or **Reject**.

The system will generate one approval request document per order confirmation being approved or rejected.

Filter Reset

All 3 Multiple deviations 1 Date deviation 1 Quantity deviation 2 Price deviation 1 Awaiting ERP approval

Export CSV

Approve Reject

	Supplier	Order no.	Confirmation no.	Part no.	Item no.	Location	Requested delivery date	Requested quantity	Confirmed quantity	Unit price	Deviation type	Status
>	<input checked="" type="checkbox"/> DEV26 SCC Supplier Carla	PO.OCDevApproval	OCDevApproval	AX4518	1	Acme	2019-02-10	100 (PK)	100 (PK)	120 (USD)	Date	Pending
>	<input checked="" type="checkbox"/> DEV26 SCC Supplier Carla	PO.OCDevApproval	OCDevApproval	AXSPA001	2	Acme	2019-02-10	100 (PK)	120 (PK) ⚠	100 (USD)	Quantity	Pending
>	<input checked="" type="checkbox"/> DEV26 SCC Supplier Carla	PO.OCDevApproval	OCDevApproval	AXSPA002	3	Acme	2019-02-06	100 (PK)	120 (PK) ⚠	100 (USD)	Multiple	Pending

## Feature at a Glance

Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

### Allowed Actions per Deviation for Single Level approval

- **Approve:** Buyer approves the deviation and updates the item's confirmation in their ERP.
- **Approve and Update:** Buyer approves the deviation and updates the order in their ERP with the confirmation information.
- **Reject:** Buyer rejects the deviation and nothing is updated in the ERP. Items goes back to being unconfirmed in AN.

### Single Level Approval configuration

Deviation	Approve	Reject	Approve and Update
Date	YES	YES	YES
Price	NO	YES	YES
Quantity	YES	YES	YES

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

### Approval workflow

- Customer clicks Approve (for the item being approved).
- System will give an pop up for the buyer to select from the Approve / Approve and update order radio button.
- Optionally, customer enters a comment for the supplier.
- Finally, customer clicks Save.
- The system will generate one approval request document per order confirmation being approved or rejected once action is taken against all line items based on permissions given to single/multiple users

The screenshot displays the SAP Order Confirmation Deviation Approval interface. The top section shows search filters for Supplier, Part number, and PO.OCDevApproval, along with Filter and Reset buttons. Below this, a summary bar indicates the number of items in various categories: All (3), Multiple deviations (1), Date deviation (1), Quantity deviation (2), Price deviation (1), and Awaiting ERP approval. An Export CSV button is visible on the right.

The main table lists deviations with columns: Supplier, Order no., Confirmation no., Part no., Item no., Location, Requested delivery date, Requested quantity, Confirmed quantity, Unit price, Deviation type, and Status. A row is highlighted for Supplier DEV26 SCC Supplier Carla, Order no. PO.OCDevApproval, Confirmation no. OCDevApproval, Part no. AX4518, Item no. 1, Location Acme, Requested delivery date 2019-02-10, Requested quantity 100 (PK), Confirmed quantity 100 (PK), Unit price 120 (USD), Deviation type Date, and Status Pending. Below this row, a detailed view shows Confirmed delivery date 2019-02-10, Confirmed quantity 50 (PK), Rejected quantity 50 (PK), and Confirmed unit price 2019-02-18.

At the bottom right of the table, there are Approve and Reject buttons, with a red circle containing the number 1 highlighting the Approve button.

A modal dialog box is open in the foreground, containing two radio buttons: "Approve deviation" (selected) and "Approve deviation and update order". Below the radio buttons is a text input field labeled "Leave a comment (optional)" with a red circle containing the number 3. At the bottom right of the dialog is a Save button with a red circle containing the number 4. A red circle containing the number 2 highlights the Approve button in the background table.

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

After the buyer approval and rejection actions, the **Buyer confirmation approval status** of the items in the PO is updated and the comments entered by the buyer are also displayed (in the PO details page).

- Approval status for item 1 is **Approved**.
- Approval status for item 2 is **Rejected**. Item goes back to being unconfirmed. Supplier needs to confirm the item again.

Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer Location
1	AX4518	AX4518	Material			100 (PK)	10 Feb 2019	\$120.00 USD	\$12,000.00 USD	<a href="#">Summary</a>
Description: Item 1										
<b>Status</b>										
50 Confirmed With New Date (Estimated Delivery Date: 18 Feb 2019 )										
50 Confirmed As Is (Estimated Delivery Date: 10 Feb 2019 )										
<b>1</b>	<b>Buyer confirmation approval status</b>   Approved									
Comments: Date deviation approved by buyer.										

Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer Location
2	AX4518	AXSPA001	Material			100 (PK)	10 Feb 2019	\$100.00 USD	\$10,000.00 USD	<a href="#">Summary</a>
Description: Item 2										
<b>Status</b>										
100 Unconfirmed										
<b>2</b>	<b>Buyer confirmation approval status</b>   Rejected									
Comments: Quantity deviation rejected.										

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

- Approval status for item 3 is **Approved awaiting change order**: since buyer action was Approve and update, the system is waiting for the buyer to send a change order (which should happen immediately).
  - Comments from both approvers (quantity and price approvers) are displayed.
  - Supplier can't create order confirmations for orders that have at least one item that is approved awaiting change order.
  - Items that are approved awaiting change order can't be shipped or invoiced.
- Approval status for item 4 continues to be **Approved** (it was confirmed within tolerance).

Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer Location
3	AX4519	AXSPA002	Material			100 (PK)	6 Feb 2019	\$100.00 USD	\$10,000.00 USD	<a href="#">Summary</a>
Description: Item 3										
<b>Status</b>										
120 Confirmed With Changes (Confirmed Unit Price: \$120.00 USD)										
<b>3</b>	<b>Buyer confirmation approval status</b>   Approved awaiting change order									
Comments: Approving price part of the deviation.. Approving quantity part of the item deviation.										

Line #	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal	Customer Location
4	AX4520	AXSPA003	Material			100 (PK)	8 Feb 2019	\$100.00 USD	\$10,000.00 USD	<a href="#">Summary</a>
Description: Item 4										
<b>Status</b>										
100 Confirmed As Is										
<b>4</b>	<b>Buyer confirmation approval status</b>   Approved									

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

Supplier can always see the status for items by their confirmation status in Items to Confirm page.

- Items approved by buyer are being displayed (this included items that are approved awaiting change order).

▼ Search Filters

Customer:  Add more

Order Number:  ⓘ

Planner Code:

Product Group:

Need by Date Range:  ⓘ

Start Date:\*  ⓘ

End Date:\*  ⓘ

Category:  ⓘ

Part #:  Look Up

Customer Part #:  Look Up

Supplier Batch ID:  Look Up

Customer Location:  ⓘ

Ordering Address ID:

Status:

Number of Results:  Search Reset

### Items to Confirm (3)

Order Number	Item ↑	Description	Customer	Confirmation Approval Status	Requested Qty	Unconfirmed Qty	Unit Price	Schedule Line	Actions
<input type="checkbox"/> PO.OCDevApproval	1	Item 1	DEV26 SCC Buyer Carla	Approved	100 (PK)	0 (PK)	\$120.00 USD	<a href="#">View</a>	<a href="#">Actions</a> ▼
<input checked="" type="checkbox"/> PO.OCDevApproval	3	Item 3	DEV26 SCC Buyer Carla	Approved awaiting change order	100 (PK)	0 (PK)	\$100.00 USD	<a href="#">View</a>	
<input type="checkbox"/> PO.OCDevApproval	4	Item 4	DEV26 SCC Buyer Carla	Approved	100 (PK)	0 (PK)	\$100.00 USD	<a href="#">View</a>	<a href="#">Actions</a> ▼



# Multi-Level Deviation Approval

## Feature at a Glance

### Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

#### Multi-level approval configuration

- Normally needed when item's amount is updated (qty. or price change).
- First level approval happens in AN's buyer portal and final approval happens in ERP.
- If buyer approves the deviation in ERP, they have to update the PO in ERP accordingly.
- If buyer rejects the deviation in ERP, they have to also manually reject it in AN's buyer portal.
- Difference between single and multi level approval is highlighted in subsequent flow diagram with introduction of additional status "awaiting approval from buyer system"

#### Notes:

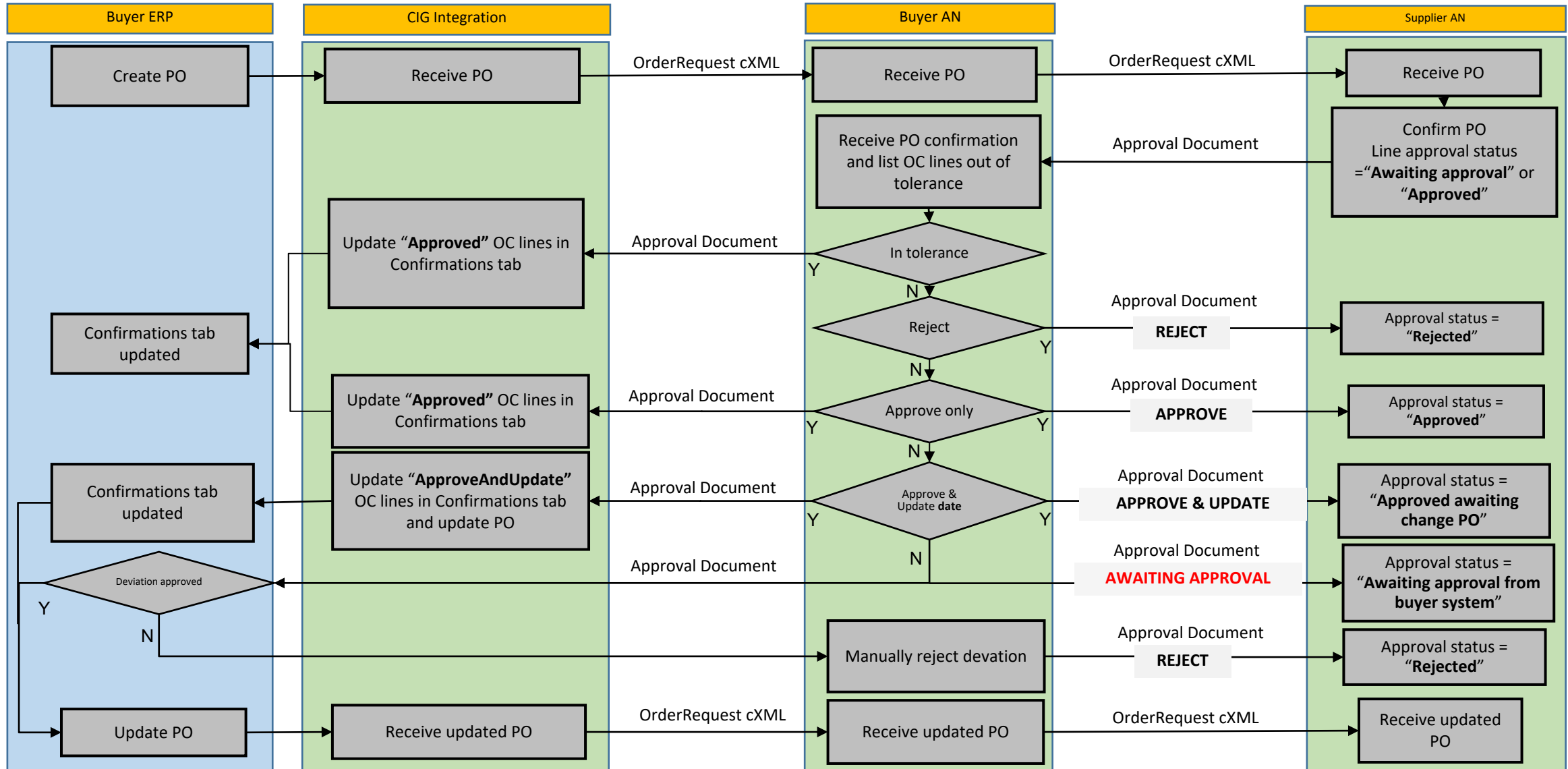
- If an item has **multiple** deviations, multi-level approval is triggered if it is set to "YES" for at least one of the deviations.

#### Multi Level Deviation Configuration

Deviation	Approve	Reject	Approve and Update	Multi-level?
Date	YES	YES	YES	NO
Price	NO	YES	YES	YES
Quantity	NO	YES	YES	YES

# Feature at a Glance

## Introducing: Order confirmation deviation approval for quantity, delivery date, and price



# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

Use case steps:

- In the Order confirmation approval alerts page of the **buyer account**, **first level approver** selects the deviations for item 1 and item 2 and clicks **Approve**. For both deviation types (quantity and price), the available action is Approve and update (approve without update is not allowed).
- **First level approver** can optionally enter comments (that apply to both deviations).
- Finally, **first level approver** clicks Save.

The screenshot displays the SAP Order Confirmation Deviation Approval interface. At the top, there are search filters for Supplier, Part number, and Purchase order, along with Filter and Reset buttons. Below the filters, a summary bar shows counts for various deviation types: All (15), Multiple deviations (7), Date deviation (7), Quantity deviation (7), Price deviation (3), and Awaiting ERP approval. A red line highlights the 'All' count, with a circled '1' indicating the first step.

Below the summary bar, there are 'Approve' and 'Reject' buttons. The 'Approve' button is highlighted with a red border. Below the buttons is a table of deviations:

Supplier	Order no.	Confirmation no.	Part no.	Item no.	Location	Requested delivery date	Requested quantity	Confirmed quantity	Unit price	Deviation type	Status
> <input checked="" type="checkbox"/> DEV26 SCC Supplier ML Carla	PO.AdvancedConf	OC.AdvancedConf	AX4518	1	Acme	2019-02-10	100 (PK)	120 (PK) <span style="color:red">△</span>	120 (USD)	Quantity	Pending

A modal dialog titled 'Approve deviation and update order' is open in the foreground. It contains a text input field with the placeholder text 'Deviations approved by first level approver.' and a circled '2' indicating the second step. Below the input field, there is a 'Save' button and a circled '3' indicating the third step.

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

- Both deviation types (quantity and price) trigger the multi-level approval process. For this reason, deviations are displayed under the **Awaiting ERP approval** tab and their status is “Awaiting ERP approval”.

Supplier													Filter	Reset
All	Multiple deviations		Date deviation		Quantity deviation		Price deviation		Awaiting ERP approval			Export CSV		
13	7		7		6		2							
Supplier													Approve	Reject
	Supplier		Order no.	Confirmation no.	Part no.	Item no.	Location	Requested delivery date	Requested quantity	Confirmed quantity	Unit price	Deviation type	Status	
>	DEV26 SCC Supplier ML Carla		PO.AdvancedConf	OC.AdvancedConf	AX4518	1	Acme	2019-02-10	100 (PK)	120 (PK) <span style="color:red">▲</span>	120 (USD)	Quantity	Awaiting ERP approval	
>	DEV26 SCC Supplier ML Carla		PO.AdvancedConf	OC.AdvancedConf	AXSPA001	2	Acme	2019-02-10	100 (PK)	100 (PK)	100 (USD)	Price	Awaiting ERP approval	

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

When change order is received as a result of approval of **second level approver**:

- Even when item 1 changed, the confirmation is **retained**.
- The **confirmation status** changes from *Confirmed With Changes* to *Confirmed As Is*.
- When the retained confirmation is evaluated against the new version of the item, it is within tolerance: **Buyer confirmation approval status** changes from “*Awaiting approval from Buyer System*” to “*Approved*”.

### Line Items

Line #	Change	Part #	Customer Part #	Type	Return	Revision Level	Qty (Unit)	Need By	Unit Price	Subtotal
1	→ Edited	AX4518	AX4518	Material			120 400-(PK)	10 Feb 2019	\$120.00 USD	\$14,400.00 USD
										\$12,000.00 USD
Description: Item 1										
<b>Status</b>										
120 Confirmed As Is										
Buyer confirmation approval status   Approved										

# Supplier Email Notifications

# Feature at a Glance

Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

Supplier can configure email notifications for when an item's approval status changes.

The screenshot displays the Ariba Supply Chain Collaboration interface. At the top, the title 'Ariba Supply Chain Collaboration' is visible. A navigation menu includes 'HOME', 'INBOX', 'OUTBOX', 'QUALITY', 'CATALOGS', 'REPORTS', 'UPLOAD/DOWNLOAD', and 'MESSAGES'. A search bar contains 'Orders and Releases' and 'All Customers' filters, with an 'Add more' link and a search input field labeled 'Order Number'. A line chart titled 'Purchase Order by Amount' shows data points at \$102, \$136, and \$170. A right-hand sidebar menu lists various account settings, with 'Notifications' highlighted in a red box. A red error message is visible in the top right corner: 'FULL PAGE REFRESH!: Non iFrame request! - link target set?'.

AW Options... FULL PAGE REFRESH!: Non iFrame request! - link target set?

DEV26 SCC Supplier ML Carla  
ANID: AN02001750262  
Premium Package

Company Profile  
Service Subscriptions  
Account Settings  
Customer Relationships  
Users  
**Notifications**  
Account Hierarchy

HOME INBOX OUTBOX QUALITY CATALOGS REPORTS UPLOAD/DOWNLOAD MESSAGES

Orders and Releases All Customers Add more Order Number

Purchase Order by Amount

\$170  
\$136  
\$102



# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

The new notification is “Send a notification when order confirmation approval status changes” and it’s unchecked by default.

Supplier can enter up to three email addresses.

General Network Discovery Messaging

Enter up to three comma-separated email addresses per field. Ensure that you have any required user consents before adding email addresses for sending notifications.  
The Preferred Language configured by the account administrator controls the language used in these notifications.


### Electronic Order Routing


Type	Send notifications when...	To email addresses (one required)
Order	<input checked="" type="checkbox"/> Send a notification when orders are undeliverable. <input type="checkbox"/> Send a notification when a new collaboration request against an existing order is received.	* carla.ruiz@sap.com
Purchase Order Inquiry	<input type="checkbox"/> Send a notification when purchase order inquiries are received. <input type="checkbox"/> Send a notification when purchase order inquiries are undeliverable.	* carla.ruiz@sap.com
Time Sheet	<input type="checkbox"/> Send a notification when time sheets are undeliverable.	* carla.ruiz@sap.com
Pending Queue	<input type="checkbox"/> Send a notification when items delivered through pending queue are not acknowledged.	* carla.ruiz@sap.com
Order Confirmation Failure	<input type="checkbox"/> Send a notification when order confirmations are undeliverable.	* carla.ruiz@sap.com
Approval	<input checked="" type="checkbox"/> Send a notification when order confirmation approval status changes.	* carla.ruiz@sap.com


# Feature at a Glance


## Introducing: Order confirmation deviation approval for quantity, delivery date, and price

Sample of new email notification.

 martes 5/02/2019 16:29  
ordersender-dev26@ansmtp.lab1.ariba.com  
--- Ariba Internal Testing ---The order confirmation approval status of one or more items in order PO.OCDevApproval has changed

To  Ruiz, Carla

 If there are problems with how this message is displayed, click here to view it in a web browser.

**SAP Ariba** 

Dear DEV26 SCC Supplier Carla,

This notification contains important information about your Ariba account (ANID: AN02001732303).

The confirmation approval status of one or more items in purchase order [PO.OCDevApproval](#) from customer DEV26 SCC Buyer Carla has changed.

Line Item #	New Confirmation Status	Comments
2	Rejected	Quantity deviation rejected.

The above list contains up to 20 items. You can also see the approval status of items by viewing line item details on the order.

Please do not reply to this email. Replies to this email will not be responded to or read.

© 2017 SAP Ariba All rights reserved.

Sincerely,  
**The Ariba Network Team**  
<http://supplier.ariba.com>

## Feature at a Glance

### Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

The events that trigger an email notification are:

Event	Email notification triggered?
Supplier creates order confirmation and one or more items is not within tolerance.	No
Buyer <b>approves or approves and updates or rejects</b> a single deviation	Yes
Buyer <b>approves or approves and updates or rejects</b> multiple deviations	Yes Sends one email per approval document generated (an approval document groups the items from a single OC).
Buyer <b>rejects</b> a deviation from the Awaiting ERP approval tab	Yes
Change order is received and one or more items change their approval status to <b>Approved</b>	Yes

# Retain order confirmation

## Feature at a Glance

### Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

- The item's confirmation status will always be retained when a change order is received if the approval process is enabled.
- This will simply supplier's confirmation process, especially when the change order corresponds to what supplier has already confirmed. In this case, reconfirmation will not be necessary.
- If the rule Allow suppliers to send order confirmations that do not comply with defined tolerances and require buyer approval is checked, confirmation status is retained even if the item changed. This behavior is true regardless if the Retain confirmation status for unchanged line items on change orders rule is unchecked.
- However, if the previously confirmed quantity for an item is higher than the item's revised quantity in the change order, the confirmation status is NOT retained.
- Following matrix explains the behaviour

Condition of line item in a change order	Confirmation status	Approval status
Confirmed quantity is higher than the quantity in the new version of the order	Not retained	Not retained
Item has changed and is NOT within tolerance	Retained, but requires reconfirmation	Changed to Awaiting supplier reconfirmation
Item hasn't changed in the new version of the order	Retained	Retained
Item has changed and is within tolerance	Retained	Changed to Approved

## Feature at a Glance

### Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

If confirmation status is retained for a line item, the following logic also applies:

- The confirmation status (for example, “Confirmed as-is or Confirmed with changes) is recalculated based on the new version of the item.
- All previous deviation alerts for order confirmation approval are deleted for the item.
- If the item hasn’t changed in the new version of the order, the approval status is retained. If this item had any deviation alerts, they’re regenerated.
- If an item has changed and it’s within tolerance, the approval status is changed to Approved.
- If an item has changed and it’s not within tolerance, the approval status is changed to Awaiting supplier reconfirmation. In this case, deviation alerts aren’t generated because the supplier must first reconfirm the item.

Example: PO = qty. 100  
OC = qty. 120  
PO = qty. 200 (120 confirmed)

- If an item’s approval status changed and the supplier has configured notifications for approval status changes, the supplier receives a notification.

# Integrated Suppliers

# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

Supplier can configure the **routing method option** for Approval Request document in AN (Electronic Order Routing → Other Document Types)

- Options: online and cXML.
- cXML passthrough to be enabled in CIG for the Approval Request

The screenshot shows the Ariba Supply Chain Collaboration interface. At the top, there's a navigation bar with 'HOME', 'INBOX', 'OUTBOX', 'QUALITY', 'CATALOGS', 'REPORTS', 'UPLOAD/DOWNLOAD', and 'MESSAGES'. Below this is a search bar with 'Orders and Releases' and 'All Customers' dropdowns, and an 'Order Number' input field. A line chart titled 'Purchase Order by Amount' is visible, showing values from \$34 to \$170. On the right, a 'Company Settings' dropdown menu is open, listing various settings. The 'Electronic Order Routing' option is highlighted with a red box.

This close-up shows the routing method options. The 'Copy Approval' button is highlighted with a red box. Below it, a dropdown menu is open, showing 'Online' and 'cXML' options, with 'cXML' also highlighted by a red box. To the right, there are 'Save in my online inbox' buttons for each row.



# Feature at a Glance

## Introducing: **Order confirmation deviation approval for quantity, delivery date, and price**

- For Integrated Suppliers, cXML passthrough to be enabled in CIG for the Approval Request

