SAP Ariba

Feature at a Glance
Order confirmation deviation approval for quantity, delivery date, and price

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Feature at a Glance

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.
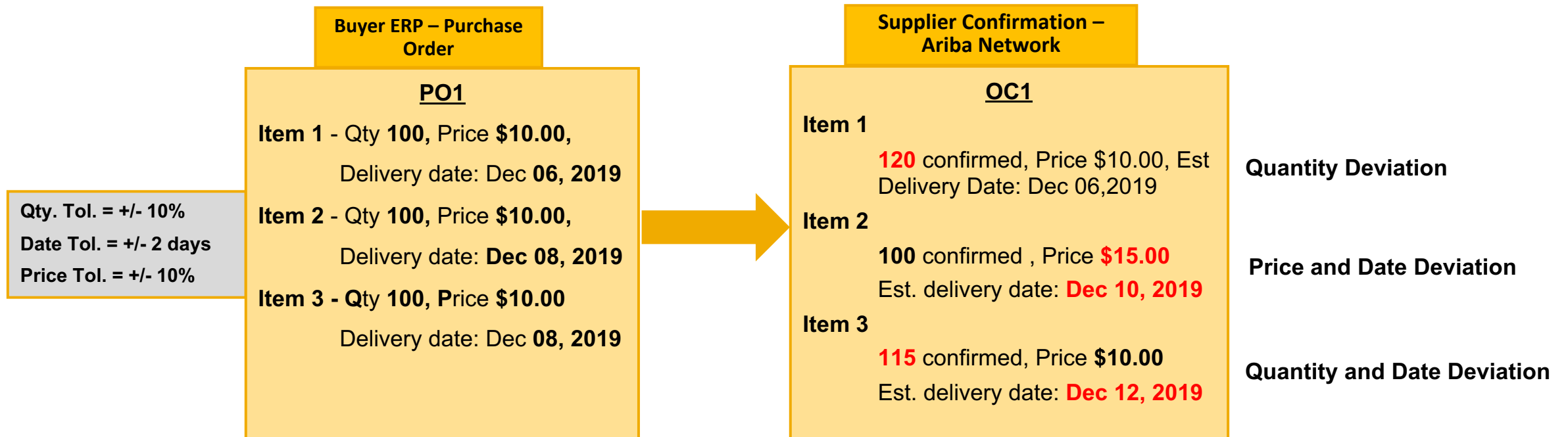
Feature at a Glance

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

Buyer ERP – Purchase Order	Supplier Confirmation – Ariba Network	
PO1	**OC1**	
Item 1 - Qty **100**, Price **$10.00**, Delivery date: Dec **06, 2019**	**Item 1** — **120** confirmed, Price $10.00, Est Delivery Date: Dec 06,2019	**Quantity Deviation**
Item 2 - Qty **100**, Price **$10.00**, Delivery date: **Dec 08, 2019**	**Item 2** — **100** confirmed , Price **$15.00** Est. delivery date: **Dec 10, 2019**	**Price and Date Deviation**
Item 3 - Qty **100**, Price **$10.00** Delivery date: Dec **08, 2019**	**Item 3** — **115** confirmed, Price **$10.00** Est. delivery date: **Dec 12, 2019**	**Quantity and Date Deviation**

Qty. Tol. = +/- 10%

Date Tol. = +/- 2 days

Price Tol. = +/- 10%

Feature at a Glance

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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

Feature at a Glance

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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

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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>
```

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

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➢ 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.

			Confirmation #:	OCDevApproval			
			Supplier Reference:				

① Update Item Status

② Review Confirmation

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

• The order confirmation for this item needs buyer approval.

Current Order Status:

50   Confirmed As Is (Estimated Delivery Date: 10 Feb 2019)
50   Confirmed With New Date (Estimated Delivery Date: 18 Feb 2019)

| ⚠ 2 | AX4518 | AXSPA001 | | 100 (PK) | 10 Feb 2019 | $100.00 USD | $10,000.00 USD |

Description: Item 2

▶ **Schedule Lines**

Current Order Status:

120   Confirmed As Is

| ⚠ 3 | AX4519 | AXSPA002 | | 100 (PK) | 6 Feb 2019 | $100.00 USD | $10,000.00 USD |

Description: Item 3

▶ **Schedule Lines**

Current Order Status:

120   Confirmed With Changes (Confirmed Unit Price: $120.00 USD)

| 4 | AX4520 | AXSPA003 | | 100 (PK) | 8 Feb 2019 | $100.00 USD | $10,000.00 USD |

Description: Item 4

▶ **Schedule Lines**

Current Order Status:

100   Confirmed As Is

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 ▦

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	Summary

> • The order confirmation for this item needs buyer approval.

Status

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

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

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 | Summary |

Description: Item 4

Status

100 Confirmed As Is

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.

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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).

```xml
<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>
```

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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.

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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			

Order Number	Line Number	Confirmation Number	Requested Delivery Date	Requested Quantity	Unit	Approval Status
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

Order Number	Line Number	Confirmation Number	Requested Delivery Date	Requested Quantity	Unit	Approval Status
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

Order Number	Line Number	Confirmation Number	Requested Delivery Date	Requested Quantity	Unit	Approval Status
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.
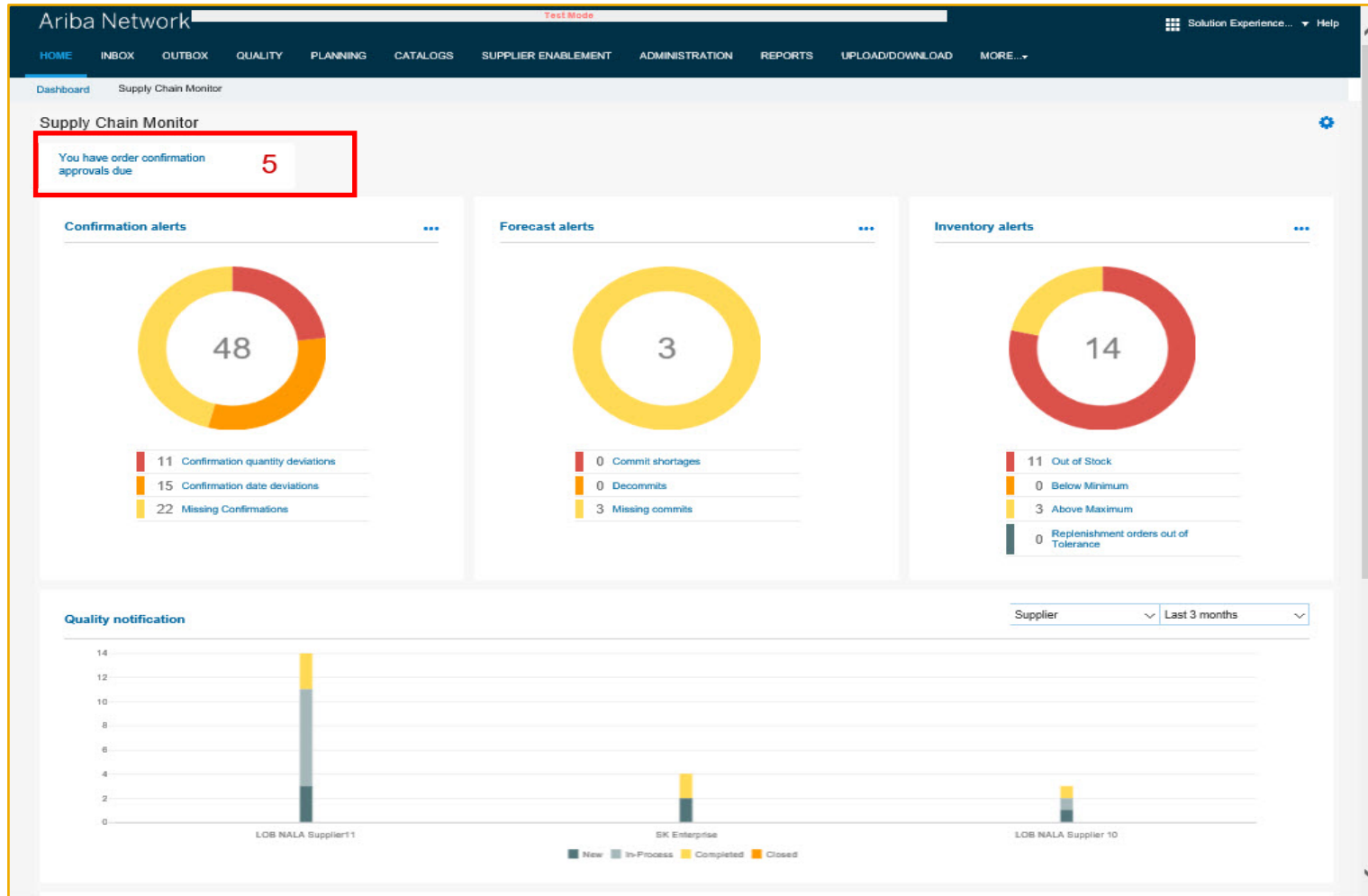
Feature at a Glance

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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 [1   ∨] »

Permission	Description	
☐ Permission to approve or reject date deviation	Permission to approve or reject date deviation	
☐ Permission to approve or reject price deviation	Permission to approve or reject price deviation	
☐ Permission to approve or reject quantity deviation	Permission to approve or reject quantity deviation	
☐ 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

Feature at a Glance

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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
⌄	☐	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)		

Approve   Reject

		Supplier	Order no.	Confirmation no.	Part no.	Item no.	Location	Requested delivery date	Requested quantity	Confirmed quantity	Unit price	Deviation type	Status
›	☐	LQ2 SCC Supplier Carla	PO.ApprovalRetainOC1	ApprovalRetainOC1	AXSPA002	3	Acme	2019-02-22	100 (PK)	100 (PK)	100 (USD)	Price	Pending
⌄	☐	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)		

Approve   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.

| Supplier | | Part number | | PO.OCDevApproval | | | | | | | Filter | Reset |

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

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
>	✓	DEV26 SCC Supplier Carla	PO.OCDevApproval	OCDevApproval	AX4518	1	Acme	2019-02-10	100 (PK)	100 (PK)	120 (USD)	Date	Pending
>	✓	DEV26 SCC Supplier Carla	PO.OCDevApproval	OCDevApproval	AXSPA001	2	Acme	2019-02-10	100 (PK)	120 (PK) ⚠	100 (USD)	Quantity	Pending
>	✓	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

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		Summary

Description: Item 1

Status

50 Confirmed With New Date	(Estimated Delivery Date: 18 Feb 2019)
50 Confirmed As Is	(Estimated Delivery Date: 10 Feb 2019)

1 **Buyer confirmation approval status** | 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		Summary

Description: Item 2

Status

100 Unconfirmed

2 **Buyer confirmation approval status** | 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		Summary

Description: Item 3

Status

120 Confirmed With Changes   (Confirmed Unit Price: $120.00 USD)

③   **Buyer confirmation approval status** | 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		Summary

Description: Item 4

Status

100 Confirmed As Is

④   **Buyer confirmation approval status** | Approved

Feature at a Glance

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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).

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 <u>at least one</u> 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**

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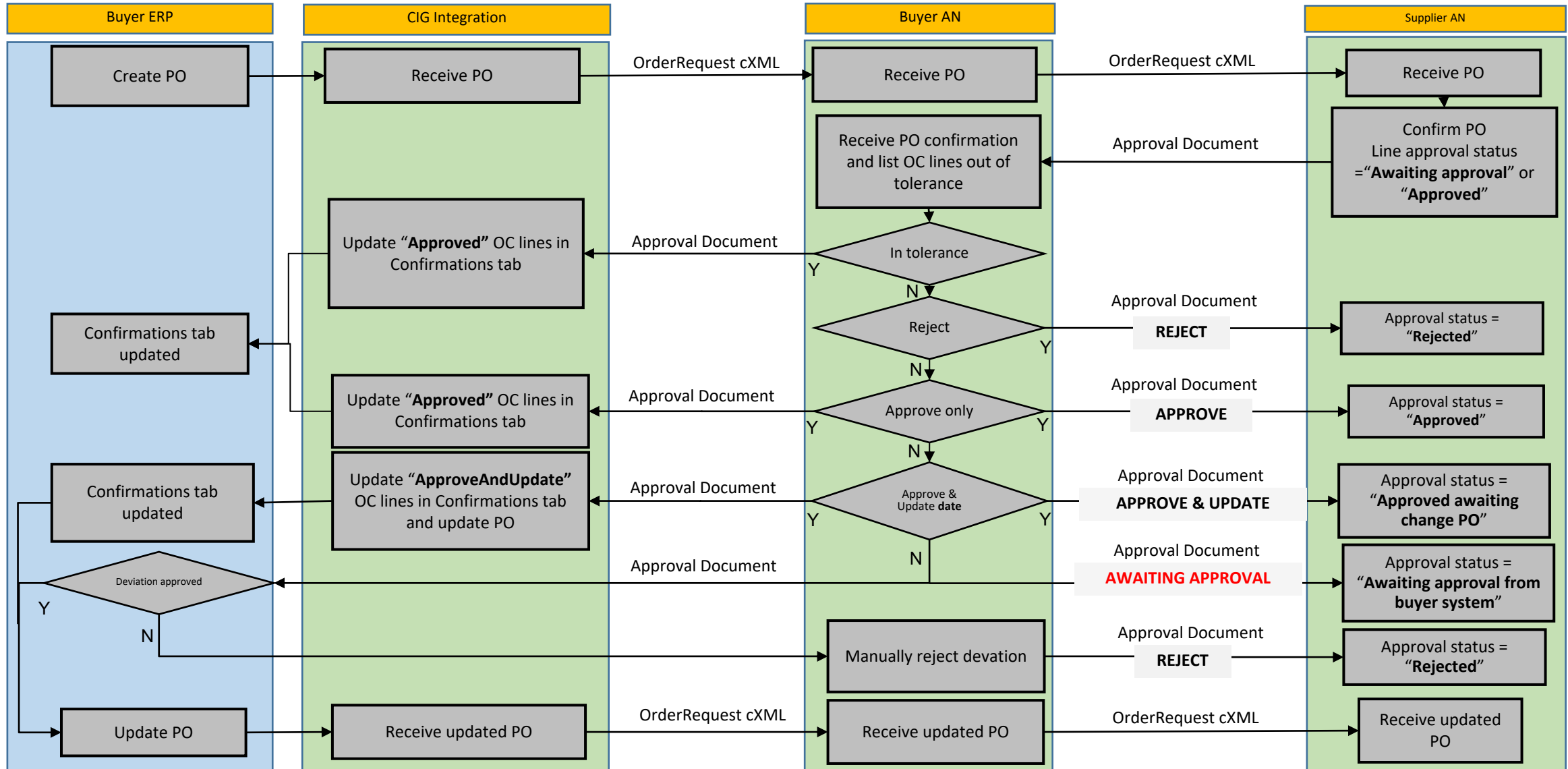
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Use case steps:

➢ 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.

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➢ 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".

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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 ~~100~~ (PK)	10 Feb 2019	$120.00 USD	$14,400.00 USD ~~$12,000.00 USD~~

Description: Item 1

Status

120 Confirmed As Is

Buyer confirmation approval status | Approved

Supplier Email Notifications

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

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

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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	☑ Send a notification when orders are undeliverable. ☐ Send a notification when a new collaboration request against an existing order is received.	* carla.ruiz@sap.com
Purchase Order Inquiry	☐ Send a notification when purchase order inquiries are received. ☐ Send a notification when purchase order inquiries are undeliverable.	* carla.ruiz@sap.com
Time Sheet	☐ Send a notification when time sheets are undeliverable.	* carla.ruiz@sap.com
Pending Queue	☐ Send a notification when items delivered through pending queue are not acknowledged.	* carla.ruiz@sap.com
Order Confirmation Failure	☐ Send a notification when order confirmations are undeliverable.	* carla.ruiz@sap.com
Approval	☑ 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.

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 **approves or approves and updates or rejects** a single deviation	Yes
Buyer **approves or approves and updates or rejects** multiple deviations	Yes Sends one email per approval document generated (an approval document groups the items from a single OC).
Buyer **rejects** a deviation from the Awaiting ERP approval tab	Yes
Change order is received and one or more items change their approval status to **Approved**	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.

<u>Example</u>: 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

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