



Feature at a Glance

Support for validating contract data in an external system

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Feature at a Glance

Ease of implementation
Geographic relevance

● High-touch
● Global

Introducing: Support for validating contract data in an external system

Customer challenge

Today, the Contract Validate and Enrich API is not triggered when a contract is denied or withdrawn, nor when a contract expires and are closed, or subsequently re-open. This means that the API cannot be used for budget checking where releasing the budget is required.

Meet that challenge with SAP Ariba

This feature enhances the Contract Validate and Enrich API to support budget check activities in external systems.

The API is already called when the Contract Request is submitted, edited, and fully approved. With this feature, the API is *also* called when the Contract Request is withdrawn or denied, or when the resulting Contract document is closed or re-opened.

Experience key benefits

The goal of this feature is to provide the ability to perform real time budget check validations on contract lines against an external budgeting system.

Solution area

- SAP Ariba Buying
- SAP Ariba Buying and Invoicing

Implementation information

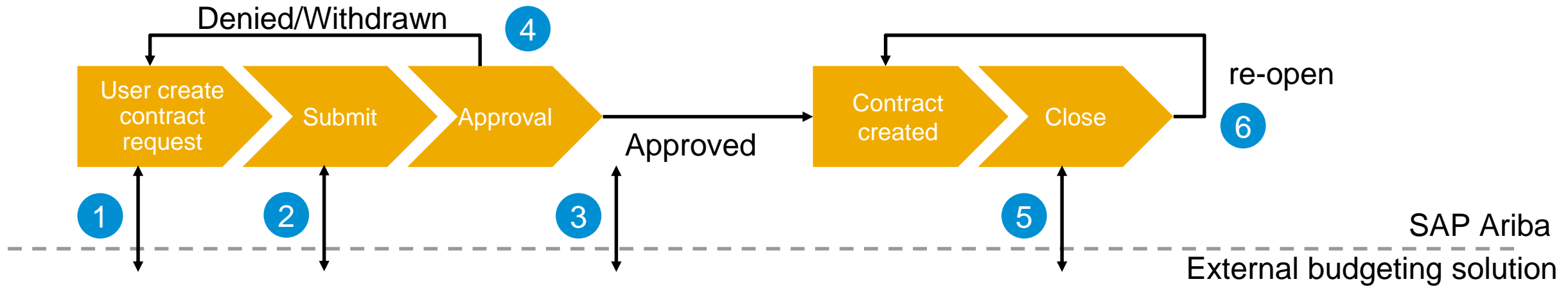
To have this feature enabled, please have your Designated Support Contact (DSC) submit a **Service Request (SR)**.

Prerequisites and Restrictions

- This feature applies to the contract request and contract compliance documents in SAP Ariba Buying.
- This feature requires additional technical configuration of the API and related features in the external budgeting system.
- Only the Contract Request document can be enriched through the API, not the Contract document.

Feature at a Glance

Overview: Support for validating contract data in an external system



The API is called when (and these are existing features):

1. The user selects “**Check**” button in the UX (see next slide) of the Contract Request
2. When the request is **Submitted** and all validations have passed.
 - If fail, the error message is presented and the requests stay in composing state
3. The final approver **Approve** the request.
 - If fail, the contract cannot be approved.

In addition, *with this feature*, the API is called when

4. The contract request is **Denied** or **Withdrawn**.
 - This call would be used to release a budget.
5. The contract is automatically **Closed** due to expiry date or the maximum limit has been exceeded.
 - This could be used to release unused budget.
6. The contract is **Re-Opened** due to updated expire date or changed maximum limit.

Feature at a Glance

Manually invoke Validate and Enrich API

- The Validate and Enrich API can be manually invoked by a user through the button “Check” in the contract request document.
- Any error messages and warnings returned from the API will be presented in the user interface at corresponding location.

Note: Above is existing features with V&E API and not introduced as part of this enhancement.

The screenshot displays the SAP Ariba user interface for contract management. At the top, the header includes the SAP Ariba logo, a 'Go To Dashboard' link, and a search bar. The main content area is titled 'Contract' with the ID 'CR1320853246064: Test'. A navigation pane on the left lists eight steps: 1. Definitions, 2. Limits, 3. Pricing Terms (selected), 4. Milestones, 5. Access Control, 6. Payment Terms, 7. Appendixes, and 8. Summary. The main panel shows a table for 'Materials and Services' with columns for 'Id', 'Description', 'Pricing Summary', 'Contractible Factors', and 'Active'. A single row is visible with '1' as the ID and 'LI1' as the description, showing a price of '\$100.00 USD Negotiated Price'. Below the table are buttons for 'Copy', 'Delete', 'Activate', and 'Add Items'. At the top right of the main panel, there are four buttons: 'Check', 'Prev', 'Next', and 'Exit'. The 'Check' button is circled in red. At the bottom right, there are also four buttons: 'Check', 'Prev', 'Next', and 'Exit'. The footer contains the SAP Ariba logo and a URL: 'https://svcqass.ariba.com/Buyer/Main/aw?awh=r&awssk=.dmlEVAD&realm=p2pTeSg-4#'. A 'FULL PAGE REFRESH' button is visible in the top right corner of the interface.

Fields sent for the contract request

Header Fields:

1. Name & Description
2. UniqueName
3. EffectiveDate & ExpirationDate
4. Preparer & Requester
5. PaymentTerms
6. ProcurementUnit
7. Supplier
8. ReleaseType
9. IsInvoiceable & IsReceivable flags
10. HardLimit flags

Line level Fields:

1. CommodityCode
2. LineType
3. CEME
4. Price, Description, PartNumber, UOM
5. NumberInCollection
6. Max and MinAmount
7. ShipTo

Accounting Fields:

1. Account
2. BusinessUnit
3. SubAccount
4. Company
5. CostCenter
6. Percentage & Amount
7. **SAP variant specific fields**
 1. WBSElement
 2. GeneralLedger
 3. Asset
 4. InternalOrder
 5. Network

Fields sent for the contract

Header Fields:

1. Name & Description
2. UniqueName
3. EffectiveDate & ExpirationDate
4. Preparer & Requester
5. PaymentTerms
6. ProcurementUnit
7. Supplier
8. ReleaseType
9. IsInvoiceable & IsReceivable flags
10. HardLimit flags
11. MAState & MAOpenDate
12. MAClosesDate & MAClosedReason
13. MasterAgreementRequest

Line level Fields:

1. CommodityCode
2. LineType
3. CEME
4. Price, Description, PartNumber, UOM
5. NumberInCollection
6. Max and MinAmount
7. ShipTo

Accumulators:

1. AmountSubmitted, Approved, Ordered, Received, Invoiced, Reconciled, Paid, Purchased
2. TaxAmount, VATAmount

Accounting Fields:

1. Account
2. BusinessUnit
3. SubAccount
4. Company
5. CostCenter
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 1. WBSElement
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Fields allowed for enrichment in the contract request response

Header level fields

1. Name
2. Description
3. PhysicalLocation
4. All custom fields

Line level fields

1. BillingAddress
2. All custom fields

Accounting fields

1. Account
2. Percentage
3. Quantity
4. Amount
5. Currency
6. All custom fields

7. SAP specific fields

1. CostCenter
2. InternalOrder
3. GeneralLedger
4. WBSElement
5. ActivityNumber
6. Asset

Generic variant fields

1. Company
2. BusinessUnit
3. Product
4. Region
5. Project
6. SubAccount
7. CostCenter