

# SAP CPQ - Quote 2.0 Integration with SAP Billing and Revenue Innovation Management – Change log

## Contents

### Release 2405

**Date:** 30-April-2024

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.13

**Description:**

Following changes were made:

- Added support for multi-level bundle products.
  - Added support for unit of measure.
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**Date:** 30-April-2024

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.19

**Description:**

Following changes were made:

- Added support for multi-level bundle and non-bundle products.
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**Date:** 30-April-2024

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.6

**Description:**

Following changes were made:

- Added support for multi-level bundle products.

## Release 2311

**Date:** 27-Sep-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.12

**Description:**

Following changes were made:

- Schema update regarding productName language.
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**Date:** 27-Sep-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.18

**Description:**

Following changes were made:

- Product Description change with only product Name.
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**Date:** 23-Aug-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.17

**Description:**

The following changes were made:

- Updated iFlow for new feature "Co-Term"
  - Updated iFlow for a bug when Quote replication is failing when Product is have long text more than 40 characters
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## Release 2308

Version 2.0.15 and 2.0.16 is skipped because of intermediate changes.

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## Release 2306

**Date:** 19-June-2023

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**Date:** 19-June-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.14

**Description:**

Following changes were made:

- Updated iFlow for potential bug fix to filter active pricing condition.
- 

**Date:** 22-May-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.13

**Description:**

Following changes were made:

- Updated iFlow to filter active pricing conditions from Get Quote Items and ONLY send active pricing conditions to S/4.
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## Release 2305

**Date:** 08-May-2023

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**Date:** 08-May-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.12

**Description:**

Following changes were made:

- Initialized property to store item payload which is being passed to Post Exit subprocess.

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Release 2304

**Date:** 03-Apr-2023

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**Date:** 03-Apr-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.11

**Description:**

Following changes were made:

- Implemented changes to support flexibility - Solution Quotation create only or create + accept.

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Release 2303-2

**Date:** 30-Mar-2023

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**Date:** 30-Mar-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.11

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for S4 to CPI communication.

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**Date:** 30-Mar-2023

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.11

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for S4 to CPI communication.

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**Date:** 30-Mar-2023

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 2.0.2

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.

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**Release 2303**

**Date:** 16-Mar-2023

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**Date:** 16-Mar-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.10

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.
  - Support for SAP CPQ old (with domain) and new host (without domain) name URL changes.
- 

**Date:** 16-Mar-2023

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.10

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.
  - Support for SAP CPQ old (with domain) and new host (without domain) name URL changes.
- 

**Date:** 16-Mar-2023

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.10

**Description:**

Following changes were made:

- Added Client Certificate Authentication support for CPI to CPQ communication.
- Support for SAP CPQ old (with domain) and new host (without domain) name URL changes.



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## Release 2302

**Date:** 20-Feb-2023

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**Date:** 20-Feb-2023

**Artifact:** Replicate Product from SAP S4HANA to SAP CPQ

**Version:** 2.0.6

**Description:**

Following changes were made:

- Updated artifact name & desc as per
  - Added support for multiple partner replication
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## Contents

## Release 2105

**Date:** 01-Jun-2021

**Date:** 08-Jun-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.0.1

**Description:**

Following changes weremade:

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- Connection configuration details towards the receivers 'CPQ\_ErrorMessage\_OrderFailed', 'CPQ\_Message\_OrderPlaced' have been adjusted.
  - Removed integration guide in a form of file as official link to SAP Help page for this integration has been added.
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**Date:** 09-Jun-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA **Version:**

**2.0.2 Description:**

Following changes were made:

- Fixed error for 'Same channel name cannot be specified for a system having multiple interfaces' on process CPQ\_ErrorMessage\_OrderFailed
- Description adjusted.

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.1 **Description:**

Following changes weremade:

- Description adjusted.

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.1

**Description:**

Following changes weremade:

- Description adjusted.

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.1 **Description:**

Following changes were made:

- Description adjusted.
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**Date:** 01-Jul-2021

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.2 **Description:**

Following changes weremade:

- SOAPconnection details areparametrized.
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**Date:** 28-Sep-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 2.0.3

**Description:**

Following changes weremade:

- Mapping fixed for author field.
  - Exception handling insub-processes.
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**Release** [2111](#)

**Date:** 13-Nov-2021

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**Date:** 13-Nov-2021

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 3.0.0

## **Description:**

Following changes weremade:

- Added support for creating Solution Quotation with Service Contract items
- Added fields in SAP CPQ XSD Schema to support contract changes (ChangeProcessGroupCode, SubscriptionContractNumber, SubscriptionContractItemNumber) alongwith the appropriate message mappings
- Added fields in SAP CPQ XSD Schema to support auto renewals (ContractAutoRenewalIndicator, ContractExtensionPeriodValue, ContractExtensionPeriodUnit) along with the appropriate message mappings
- Changed sender and inbound adapter. Communication goes over SAP Event Mesh using AMPQ adapter
- Extractedsubprocesses
  - *Check if Quote exists in S4,*
  - *Create S4 Quote,*
  - *Update S4 Quote(will be supported in next release)*

**Date:** 13-Nov-2021

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.2 **Description:**

Following changes were made:

- Included OrderItemType, IsSyncedFromBackOffice and ContractAutoRenewalIndicator fields in SAP CPQXSD schema and removed IsSubscription.
- Added mappings for OrderItemType according to ProductTypeCode and ItemCategoryGroupCode

**Date:** 13-Nov-2021

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.2 **Description:**

Following changes weremade:

- Added value mappings
  - S4HANA(ProductTypeCode)->SAP CPQ(OrderItemType)

- S4HANA(ProductTypeCode\_ItemCategoryGroupCode)-> OrderItemType)

**Date:** 13-Nov-2021

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 1.0.0

**Description:**

Following changes weremade:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:**Read allowed Change Process Groups for Subscription Contract Item from SAP Billing and Revenue InnovationManagement

**Version:** 1.0.0 **Description:**

Following changes weremade:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Change Process for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0 **Description:**

Following changes weremade:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Change Process Groups for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0 **Description:**

Following changes weremade:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Subscription contract header from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0 **Description:**

Following changes weremade:

- Newly added iFlow

**Date:** 13-Nov-2021

**Artifact:** Read Subscriptioncontract items from SAP Billing and Revenue Innovation Management

**Version:** 1.0.0 **Description:**

Following changes weremade:

- Newly added iFlow

Release 2202

**Date:** 14-Mar-2022

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**Date:** 14-Mar-2022

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 4.0.0

**Description:**

Following changes weremade:

- Implemented support to Update S4 Quote
- Added exception handling and auto-retry mechanism using Event- Mesh
- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.3

**Description:**

Following changes weremade:

- Removed default values for externalized parameters

**Date:** 14-Mar-2022

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 2.0.0 **Description:**

Following changes weremade:

- Added exception handling and auto-retry mechanism using Event- Mesh
- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version:** 2.0.3 **Description:**

Following changes weremade:

- Added value mappings
  - SAP CPQ(OrderItemType)-> S4HANA (QuotationItemOrderItemType)

**Date:** 14-Mar-2022

**Artifact:**Read allowed Change Process Groups for Subscription Contract Item from SAP Billing and Revenue InnovationManagement

**Version:** 1.0.1 **Description:**

Following changes weremade:

- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Read Change Process for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1

**Description:**

Following changes weremade:

- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Read Change Process Groups for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1 **Description:**

Following changes weremade:

- Externalized LocationID parameter

**Date:** 14-Mar-2022



**Artifact:** Read Subscription contract header from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1 **Description:**

Following changes weremade:

- Externalized LocationID parameter

**Date:** 14-Mar-2022

**Artifact:** Read Subscriptioncontract items from SAP Billing and Revenue Innovation Management

**Version:** 1.0.1

**Description:**

Following changes weremade:

- Externalized LocationID parameter

[Release 2205](#)

**Date:** 27-May-2022

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**Date:** 27-May-2022

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 4.0.1

**Description:**

Following changes weremade:

- Changed message mappings for items configuration in both create and update branch
- Fixed error in Increase ContentId Counter step
- Added value mapping for ConditionCurrency field in message mapping for items

**Date:** 14-Mar-2022

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and Revenue Innovation Management

**Version: 2.0.4 Description:**

Following changes weremade:

- SAP CPQ(ConditionCurrency)-> S4HANA (ConditionCurrency)

Release 2208

**Date:** 28-July-2022

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**Date:** 28-July-2022

**Artifact:**Read allowed Change Process Groups for Subscription Contract Item from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2

**Description:**

Following changes weremade:

- preset User Role: ESBMessaging.send
- - Rename Sender to CPQ
- - Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Read Change Process for Quote from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2 **Description:**

Following changes weremade:

- preset User Role: ESBMessaging.send
- - Rename Sender to CPQ
- - Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Read Change Process Groups for Quote from SAP Billing and Revenue Innovation Management**Version:** 1.0.2 **Description:**

Following changes weremade:

- preset User Role: ESBMessaging.send
- - Rename Sender to CPQ
- - Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:**Read Subscription contract header from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2 **Description:**

Following changes weremade:

- preset User Role: ESBMessaging.send
- - Rename Sender to CPQ
- - Rename Receiver to S4HANA
- Rename param Subscription\_Contract\_API\_UR -> Subscription Contract API URL

**Date:** 28-July-2022

**Artifact:**Read Subscription contract items from SAP Billing and Revenue Innovation Management

**Version:** 1.0.2 **Description:**

Following changes weremade:

- preset User Role: ESBMessaging.send
- - Rename Sender to CPQ
- - Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Replicate Business Partner from SAP Master Data Integration

**Version:** 2.0.3

**Description:**

Following changes weremade:

- set empty Address by default for Sender

**Date:** 28-July-2022

**Artifact:** Replicate Change Contract Processing Status from SAP S4HANA

**Version:** 2.0.1

**Description:**

Following changes weremade:

- - Remove default value from Receiver Credential Name (CPQ)
- - Set default value for Extensions on false
- - Rename Receiver to S4HANA

**Date:** 28-July-2022

**Artifact:** Replicate Product from SAP S4HANA

**Version:** 2.0.4

**Description:**

Following changes weremade:

- - preset User Role: ESBMessaging.send
- - preset Allow chunking to true
- - Set default value for Extensions on false
- - Set Logging value to false by default

**Date:** 28-July-2022

**Artifact:** Replicate Quote 2.0 from SAP CPQ to SAP S4HANA

**Version:** 4.0.2 **Description:**

Following changes weremade:

- - remove default values for AMQP adapter properties (Sender)
- - remove default values for AMQP adapter properties (RetryReceiver)
- - Added mapping for PersonResponsible
- - Credential Name for CPQ receiver should be empty
- - On "More" tab, remove default values for fieldsS4\_Division, S4\_VariantCondition, Sap\_Client\_Value

**Date:** 28-July-2022

**Artifact:** Value Mapping for SAP CPQ Integration with SAP Billing and

Revenue Innovation Management

**Version: 2.0.5 Description:**

Following changes weremade:

- SAP CPQ(UnitOfMeasure)->S4HANA(QuantityUnit)