



# Suite Engine Channel Sales Manager Release Notes

**Product:** Channel Sales Manager Core

**Release:** 2.4

**Version:** 2.4.2022020319.40412

**Release Date:** 02/03/2022

**Minimum Business Central Version Compatibility:** 18.0

Please install this release in your Business Central sandbox environment for testing. It is Suite Engine's recommendation that you test not only the areas specifically addressed within this release but all of your business processes, so that you may confirm that changes introduced in this release have not created issues in other parts of your application. These release notes should be fully reviewed as part of your testing process, as they may include information on new setup and configuration requirements. separate

If you encounter issues in your testing, please contact your Suite Engine partner or file a support ticket at <https://suiteengine.com/support>.

Once you have completed testing in your sandbox, you can proceed to installing this release in your live environment. Suite Engine recommends that users be logged out of Business Central prior to installation of the release; if this is not possible, please advise your users that it may be necessary to refresh or log out/log in to Business Central in order to continue working with the application.

This release is issued under the assumption that you have kept your existing Suite Engine applications current. Suite Engine cannot be held responsible for any issues that arise out of installing this release into an out-of-date environment.

This release is compatible with the Business Central version listed above as the **Minimum Business Central Version Compatibility** and all subsequent Business Central versions; if you are deploying this release in a Business Central environment that has an earlier version than this value, functionality may not work as intended.

This release may introduce new table objects or modifications to existing ones. If you are maintaining configuration packages for the purpose of moving data to and from database environments, you are advised to take note of any table changes (for a complete list of release objects, see [here](#)) and make any adjustments to these packages as needed.

## Release Overview

### Features and Functionality

- Functionality has been added to allow for the copying of an existing API credential record.
- It is now possible to run the following actions against multiple selected CSM listing records:
  - **Send Price Update to Channel**
  - **Calculate Channel Availability**
- A recent release of Microsoft Dynamics 365 Business Channel replaced item cross reference records with item reference records. The following areas of CSM that previously used item cross references have been updated to use item references:
  - Creation of sales orders from CSM channel orders.
  - Creation of CSM listing records via the **Create Listing Wizard**.



- Several improvements have been made to CSM API Message records:
  - A new **HTTP Response Status Code** field has been added to **CSM API Message** table. This field displays the server-issued status code that was generated as a response to the message request.
  - It is now possible to edit a CSM API message's response and then instruct CSM to reprocess it. See the [in-depth feature description](#) for more details.

## Channel Foundations

The following Channel Sales Manager Core changes will support forthcoming features and functionality for channel-specific integrations:

- Functionality has been added to retrieve supporting data records from a connected eCommerce channel. This will support the retrieval of channel-specific supporting data in future product releases.
- The **CSM Attribute Data** table previously supported multiple data types (attributes, attribute sets, and attribute options). To reduce code complexity and better support future product features, a separate table for each data type has been added to CSM. CSM currently continues to store all attribute data types in a single table; the necessary changes that will instruct the program to store different data types in dedicated tables will be added in a future CSM Core release.
- A new *Variation* enumeration has been added to **Channel Product Type** field in the **CSM Listing** table. This will replace channel-specific enumerations that exist to identify product variants/variations.
- Blob fields have been added to a number of CSM tables to support better data storage.
- Functionality has been added to support Amazon's modern SP-API set in an upcoming Amazon integration.
- The **CSM Order Management** codeunit has been updated to prevent the sending of shipment lines with zero quantity to a connected sales channel. This will support an upcoming Shopify service pack.
- Functionality has been added to improve pagination in an upcoming BigCommerce integration.

## Corrections

- There were primary key fields on some CSM tables that were marked as *Obsolete*. This has been corrected.
- Error messaging was unclear when status matrix data failed to load for a sales channel. This has been corrected.
- Error messaging was unclear if a user failed to properly assign an archive after days value to channel records. This has been corrected.
- The **External Tracks Inventory** field in the **CSM Listing Children List** FastTab on the **CSM Listing** page was improperly captioned. This has been corrected.
- Deleting a CSM API message did not result in the deletion of that message's related CSM API data buffer records. This has been corrected.


## In-Depth Features

### Reprocessing CSM API Messages

There may be scenarios in which it is necessary to reprocess an API message response. For example, a connectivity issue might create an issue with an API message as it is being processed, leading to an incomplete activity. In such a scenario, the message may need to be edited and then reprocessed.

To edit and reprocess an API message:



1. Choose the  icon, enter **CSM API Messages**, and then choose the related link.
2. Choose the CSM API message record you want to edit and reprocess. You can only edit CSM API messages with a message status of *Response*.
3. Choose the **Actions** ribbon, then choose the **Edit Response Message** action. This action will only be visible for CSM API messages with a message status of *Response*.
4. In the **CSM Reprocess API Message** window, make the necessary changes to the CSM API message’s response text.
5. Choose the **Actions** ribbon, then choose the **Reprocess** action.

CSM will reprocess the CSM API message according to the new response information. If the record is successfully processed, its status will be updated accordingly.

## Release Objects

The following objects have been created, modified, or removed as part of this release:

Object Type	Object ID	Object Name	Action
Table	70338200	CSM Setup	Modified
Table	70338201	CSM API Set	Modified
Table	70338202	CSM API Function	Modified
Table	70338203	CSM API Variable	Modified
Table	70338204	CSM API Sub Variable	Modified
Table	70338206	CSM API Mapping	Modified
Table	70338207	CSM API Message	Modified
Table	70338208	CSM API Data Buffer	Modified
Table	70338209	CSM Parameter	Modified
Table	70338212	CSM Product Information	Modified
Table	70338215	CSM Sorting Table	Modified
Table	70338216	CSM Processing Log	Modified
Table	70338220	CSM Sales Channel	Modified
Table	70338221	CSM Order Header	Modified
Table	70338222	CSM Order Line	Modified
Table	70338223	CSM Order Document	Modified
Table	70338225	CSM Customer	Modified
Table	70338226	CSM Cross Reference	Modified
Table	70338227	CSM Shipping Method	Modified
Table	70338228	CSM Payment Method	Modified
Table	70338229	CSM Tax Group	Modified
Table	70338230	CSM Price Group	Modified
Table	70338233	CSM Trigger	Modified
Table	70338234	CSM Action	Modified



Object Type	Object ID	Object Name	Action
Table	70338235	CSM Channel Category	Modified
Table	70338236	CSM Attribute Data	Modified
Table	70338237	CSM Inventory Location	Modified
Table	70338240	CSM Listing	Modified
Table	70338242	CSM Listing Attribute	Modified
Table	70338243	CSM API Credential	Created
Table	70338245	CSM API Shared Session	Created
Table	70338246	CSM Item Attribute	Created
Table	70338247	CSM Item Attribute Option	Created
Table	70338248	CSM Item Attribute Set	Created
Table	70338249	CSM Reprocess API Message	Created
Table	70338250	CSM Role Center Order Cue	Modified
Page	70338200	CSM Setup	Modified
Page	70338201	CSM API Sets	Modified
Page	70338202	CSM API Functions	Modified
Page	70338203	CSM API Variables	Modified
Page	70338207	CSM API Messages	Modified
Page	70338208	CSM API Message	Modified
Page	70338209	CSM API Data Buffers	Modified
Page	70338212	CSM Product Information Card	Modified
Page	70338216	CSM Wizard	Modified
Page	70338217	CSM User Input	Modified
Page	70338220	CSM Sales Channel	Modified
Page	70338221	CSM Order	Modified
Page	70338222	CSM Order Lines	Modified
Page	70338223	CSM Order Documents	Modified
Page	70338225	CSM Customers	Modified
Page	70338229	CSM Tax Groups	Modified
Page	70338230	CSM Price Groups	Modified
Page	70338233	CSM Triggers	Modified
Page	70338235	CSM Channel Categories	Modified
Page	70338236	CSM Attributes	Modified
Page	70338240	CSM Listing	Modified
Page	70338241	CSM Listing Children List	Modified
Page	70338245	CSM Order Document Line	Modified
Page	70338246	CSM API Credentials	Created
Page	70338247	CSM API Shared Sessions	Created
Page	70338248	CSM API Credential	Created



Object Type	Object ID	Object Name	Action
Page	70338249	CSM API Shared Session	Created
Page	70338251	CSM Role Center Order Cue	Modified
Page	70338252	CSM Role Center Headline	Modified
Page	70338253	CSM Item Attribute List	Created
Page	70338256	CSM Orders	Modified
Page	70338257	CSM Listings	Modified
Page	70338260	CSM Order Statistics Factbox	Modified
Page	70338261	CSM Sales Channel List Factbox	Modified
Page	70338262	CSM Product Info Image Factbox	Modified
Page	70338263	CSM Item Attribute Options	Created
Page	70338264	CSM Item Attribute Set List	Created
Page	70338266	CSM Item Attribute Options2	Created
Page	70338267	CSM Reprocess API Message	Created
Page	70338270	CSM ArcherPoint Demo Setup	Created
Codeunit	70338200	CSM API Utility Functions	Modified
Codeunit	70338201	CSM API Buffer Management	Modified
Codeunit	70338203	CSM API Request Management	Modified
Codeunit	70338204	CSM API Response Management	Modified
Codeunit	70338205	CSM Order Management	Modified
Codeunit	70338206	CSM Order Mgt Automation	Modified
Codeunit	70338207	CSM Listing Management	Modified
Codeunit	70338208	CSM Listing Mgt Automation	Modified
Codeunit	70338209	CSM Create Sales Order	Modified
Codeunit	70338210	CSM Stripe Integration Core	Modified
Codeunit	70338211	CSM XML DOM Management	Modified
Codeunit	70338212	CSM Load Core Data	Modified
Codeunit	70338213	CSM Upgrade	Modified
Codeunit	70338215	CSM Create Sales Credit Memo	Modified
Codeunit	70338230	CSM Data Load CU Generator	Modified
Codeunit	70338231	CSM Load Demo BC Data	Modified
Enumeration	70338208	CSM Listing Type	Modified
Enumeration	70338211	CSM Authorization Type	Created
Enumeration	70338212	CSM Auth. Signature Method	Created
Enumeration	70338213	CSM Auth. Data Type	Created
Enumeration	70338214	CSM AWS Region	Created
Enumeration	70338215	CSM Item Attribute Link Type	Created
Enumeration	70338216	CSM Item Attribute Type	Created
Enumeration	70338217	CSM Item AttributeSet LinkType	Created



Object Type	Object ID	Object Name	Action
Control Add-In		CSM HTML Viewer	Modified

## Integration Events

The following integration events have been added as part of this release:

Object Type	Object ID	Object Name	Integration Events
Table	70338246	CSM Item Attribute	<ul style="list-style-type: none"> <li>OnBeforeRefreshItemAttributeOptionsFromLink(CSMItemAttribute:</li> <li>OnBeforeRefreshItemAttributeFromLink(CSMItemAttribute:</li> </ul>
Table	70338248	CSM Item Attribute Set	<ul style="list-style-type: none"> <li>OnBeforeRefreshCSMItemAttributesForAttributeSetLink(CSMItemAttributeSet:</li> </ul>
Page	70338221	CSM Order	<ul style="list-style-type: none"> <li>OnAfterSetDefaultVisibility()</li> </ul>
Page	70338240	CSM Listing	<ul style="list-style-type: none"> <li>OnAfterSetDefaultVisibility()</li> </ul>
Codeunit	70338203	CSM API Request Management	<ul style="list-style-type: none"> <li>OnBeforeGetHTTPMethodTextForAPIFunction(var</li> <li>OnAfterGetHTTPMethodTextForAPIFunction(CSMAPIFunction:</li> </ul>
Codeunit	70338204	CSM API Response Management	<ul style="list-style-type: none"> <li>OnBeforeReprocessAPIMessage(var</li> <li>OnAfterReprocessAPIMessage(var</li> </ul>
Codeunit	70338205	CSM Order Management	<ul style="list-style-type: none"> <li>OnGetAPIFunctionForRetrieveTaxGroupOperation(VAR</li> <li>OnGetAPIFunctionForSendTaxGroupOperation(VAR</li> <li>OnAfterRetrieveTaxGroupOperation(VAR</li> <li>OnAfterSendTaxGroupOperation(VAR</li> <li>OnGetAPIFunctionForRetrievePriceGroupOperation(VAR</li> <li>OnGetAPIFunctionForSendPriceGroupOperation(VAR</li> <li>OnAfterRetrievePriceGroupOperation(VAR</li> <li>OnAfterSendPriceGroupOperation(VAR</li> <li>OnBuildCSMParameterShipmentLinesOnBeforeCreateShipmentLineParameter(APIMessage:</li> </ul>
Codeunit	70338207	CSM Listing Management	<ul style="list-style-type: none"> <li>OnGetAPIFunctionForSubmitItemAttributeToChannelOperation(var</li> <li>OnAfterSubmitItemAttributeToChannelOperation(CSMItemAttribute:</li> <li>OnGetAPIFunctionForGetItemAttributeFromChannelOperation(var</li> <li>OnAfterGetItemAttributeFromChannelOperation(CSMItemAttribute:</li> <li>OnGetAPIFunctionForGetItemAttributesFromChannelOperation(var</li> <li>OnAfterGetItemAttributesFromChannelOperation(CSMItemAttribute:</li> <li>OnGetAPIFunctionForGetItemAttributeOptionsFromChannelOperation(var</li> <li>OnAfterGetItemAttributeOptionsFromChannelOperation(CSMItemAttribute:</li> <li>OnGetAPIFunctionForAddItemAttributeToSetOnChannelOperation(var</li> <li>OnAfterAddCSMItemAttributeToSetOnChannelOperation(CSMItemAttributeSet:</li> <li>OnAfterAddCSMItemAttributesToSetOnChannelOperation(CSMItemAttributeSet:</li> <li>OnGetAPIFunctionForSubmitItemAttributeSetToChannelOperation(CSMItemAttributeSet:</li> <li>OnAfterSubmitItemAttributeSetToChannelOperation(CSMItemAttributeSet:</li> <li>OnBeforeTrySetDefaultLink(CSMItemAttribute:</li> <li>OnBeforeTrySetDefaultLinkOption(CSMItemAttributeOption:</li> </ul>