



Suite Engine Channel Sales Manager Release Notes

Product: Channel Sales Manager Core

Release: 4.2

Version: 4.2.2024051823.136705

Release Date: 05/20/2024

Minimum Business Central Version Compatibility: 22.0

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.

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 Suite Engine cannot be held responsible for any issues that arise out of installing this release into an out-of-date environment.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 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

- Sales channels that are using both CSM's legacy and modern API Engines now have the ability to execute the **Test Channel Communication** action for either one.
- A new **Shipping Order Behavior** field has been added to the **CSM Shipping Method** table. This field is used to either follow the default behavior of adding sales lines to orders for shipping charges or skip this activity. This is useful in scenarios where a company wants to map channel shipping methods to Business Central shipping agents, but does not want to include shipping charges on the order.

- A new cross-reference **CSM Currency** table has been added to CSM sales channels. This allows users to map Business Central currency codes to currency values that are retrieved from an eCommerce channel.
- New Business Central source types have been added to CSM item attributes. It is now possible to map CSM item attributes to any field on the Business Central **Item** and **Item Unit of Measure** tables. In addition, logic has been added to support mapping to custom tables, which is useful if a company is maintaining its attribute data in something other than a standard Business Central table.
- The ability to use Business Central's marketing text table as the source of CSM listing descriptions has been added to the application.
- The **Synchronize Item Attributes** action which was previously available only on the CSM listing card has been added to the list page, allowing users to perform this action against multiple records at once.
- A new **CSM Listing Synchronization History** table has been added to CSM listings. This table presents a history of any attribute synchronization actions that were performed against the listing, including information as to whether or not the action was successful.

Channel Foundations

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

- To support an upcoming Magento integration, changes have been made to CSM Core to accommodate the refactoring of the Magento extension to use Suite Engine's modern API Engine.
- To support an upcoming BigCommerce integration, changes were made to assist in properly finding credentials when making API calls via the modern API Engine.
- To support upcoming BigCommerce, Shopify, and WooCommerce integrations, the **Default Product Status** field on the **CSM Sales Channel** page has been modified to show only those status options that are relevant to the particular eCommerce channel.

Corrections

- An issue with the integration between CSM and CPM existed where in certain scenarios an eCommerce channel's status was not reflecting that it had been fully paid. This has been corrected.
- Sending a CSM listing's pricing group pricing information to an external channel did not work if the listing was mapped to a resource. This has been corrected.
- A mapping issue was preventing the retrieval of products with certain special characters from an external channel into Business Central. This has been corrected.

Miscellaneous

- CSM Core has been compiled against Microsoft Dynamics 365 Business Central 2024 Wave 1 (version 24) for compatibility issues. No issues were detected and no immediate changes to the extension were necessary. A number of clean-up activities were performed to accommodate changes or upcoming deprecations that were introduced with this release.

- New integration events to calculate and check an order's balance have been added to the **CSM Order Header** table.
- A new integration event for splitting retrieved order notes has been added to the **CSM Create Sales Order** codeunit.
- A new design pattern for the loading of default and demo data has been implemented for CSM Core.
- CSM Core's subscription configuration has been updated to automatically include the standalone API Engine library as part of new subscriptions.

Release Objects

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

Object Type	Object ID	Object Name	Action
Table	70338201	CSM API Set	Modified
Table	70338220	CSM Sales Channel	Modified
Table	70338221	CSM Order Header	Modified
Table	70338227	CSM Shipping Method	Modified
Table	70338228	CSM Payment Method	Modified
Table	70338240	CSM Listing	Modified
Table	70338242	CSM Listing Attribute	Modified
Table	70338246	CSM Item Attribute	Modified
Table	70338247	CSM Item Attribute Option	Modified
Table	70338248	CSM Item Attribute Set	Modified
Table	70338267	CSM Currency	Created
Table	70338268	CSM Listing Synchron. History	Created
Page	70338200	CSM Setup	Modified
Page	70338201	CSM API Sets	Modified
Page	70338202	CSM API Functions	Modified
Page	70338203	CSM API Variables	Modified
Page	70338206	CSM API Mappings	Modified
Page	70338208	CSM API Message	Modified
Page	70338209	CSM API Data Buffers	Modified
Page	70338213	CSM Order Archive List	Modified
Page	70338218	CSM Automation List	Modified
Page	70338219	CSM Order Archive	Modified
Page	70338220	CSM Sales Channel	Modified
Page	70338221	CSM Order	Modified
Page	70338222	CSM Order Lines	Modified
Page	70338223	CSM Order Documents	Modified

Object Type	Object ID	Object Name	Action
Page	70338227	CSM Shipping Methods	Modified
Page	70338235	CSM Channel Categories	Modified
Page	70338236	CSM Attributes	Modified
Page	70338238	CSM Package Templates	Modified
Page	70338240	CSM Listing	Modified
Page	70338242	CSM Listing Attribute List	Modified
Page	70338246	CSM API Credentials	Modified
Page	70338247	CSM API Shared Sessions	Modified
Page	70338248	CSM API Credential	Modified
Page	70338249	CSM API Shared Session	Modified
Page	70338252	CSM Role Center Headline	Modified
Page	70338256	CSM Orders	Modified
Page	70338257	CSM Listings	Modified
Page	70338264	CSM Item Attribute Set List	Modified
Page	70338267	CSM Reprocess API Message	Modified
Page	70338272	CSM Gift Cards	Modified
Page	70338273	CSM GiftCard	Modified
Page	70338276	CSM Role Center Headline Data	Modified
Page	70338292	CSM Upgrade Notifications	Modified
Page	70338299	CSM Currencies	Created
Page	70338525	CSM Listing Synchron. History	Created
Page	70338526	CSM Listing Factbox	Created
Codeunit	82000	CSMCoreTestAzureKeyVault	Modified
Codeunit	82001	CSM Core Test Response Mgmt	Modified
Codeunit	82002	CSM Core Test Utility Library	Modified
Codeunit	82003	CSM Test Install	Modified
Codeunit	82004	CSM Core General Test	Created
Codeunit	82005	CSM Listing Management Test	Created
Codeunit	82006	CSM Request Management Test	Created
Codeunit	82007	CSM Response Management Test	Created
Codeunit	82008	CSM Return & Refund Test	Created
Codeunit	82009	CSM Sales Operation Rules Test	Created
Codeunit	70338202	CSM API Session Management	Modified
Codeunit	70338205	CSM Order Management	Modified
Codeunit	70338206	CSM Order Mgt Automation	Modified
Codeunit	70338207	CSM Listing Management	Modified
Codeunit	70338209	CSM Create Sales Order	Modified

Object Type	Object ID	Object Name	Action
Codeunit	70338212	CSM Load Core Data	Modified
Codeunit	70338215	CSM Create Sales Credit Memo	Modified
Codeunit	70338217	CSM Sales Operation Rules Mgt.	Created
Codeunit	70338223	CSM SENAPI Management	Modified
Codeunit	70338224	CSMCORE APIEngineDataLoad	Modified
Codeunit	70338226	CSM SENAPI Automation Mgmt	Modified
Codeunit	70338227	CSM Link None Mgt.	Created
Codeunit	70338228	CSM Link Default Mgt.	Created
Codeunit	70338229	CSM Link Unknown Mgt.	Created
Codeunit	70338230	CSM Data Load CU Generator	Created
Codeunit	70338232	CSM Link Item UoM Mgt	Created
Codeunit	70338233	CSM Interface UtilityFunctions	Created
Codeunit	70338234	CSM Link Item Variation Mgt.	Created
Codeunit	70338235	CSM Import Json Data	Created
Codeunit	70338236	CSM Link BC Attribute Mgt.	Created
Codeunit	70338237	CSM AutoBuild From Default Mgt	Created
Codeunit	70338238	CSM Autobuild From Unknown Mgt	Created
Codeunit	70338239	CSM Auto Build From Manual Mgt	Created
Codeunit	70338240	CSM AutoBuild From ItemAtt Mgt	Created
Codeunit	70338242	CSM Link Item Mgt.	Created
Codeunit	70338243	CSMSENAPIValueProcessFunc	Modified
Enumeration	70338215	CSM Item Attribute Link Type	Modified
Enumeration	70338223	CSM Listing Att. Refresh Src	Modified
Enumeration	70338238	CSM AutoBuild Attributes From	Created
Enumeration	70338241	CSM Listing Sync Entry Type	Created
Enumeration	70338245	CSM Currency Behaviour	Created
PermissionSet	82000	Perm	Modified
PermissionSet	70338200	CSM Core	Modified
Interface		CSM Auto Build Attributes From	Created
Interface		CSM Item Attribute Type Link	Created

Release Extensions

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

Object Type	Object ID	Object Name	Action	Extends
TableExtension	70338200	CSMSalesHeader	Modified	Sales Header
PageExtension	70338205	CSM Sales Return Order	Modified	Sales Return Order

Object Type	Object ID	Object Name	Action	Extends
PageExtension	70338208	CSM BC Customer Card	Modified	Customer Card
PageExtension	70338211	CSM BC Contact Card	Modified	Contact Card

Integration Events

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

Object Type	Object ID	Object Name	Integration Events
Table	70338221	CSM Order Header	<ul style="list-style-type: none"> OnGetBalancedStatusOnBeforeCalculateBalanceStatus OnGetBalancedStatusOnAfterCalculateBalanceStatus
Codeunit	70338205	CSM Order Management	<ul style="list-style-type: none"> OnBeforeRetrieveCurrencyFromChannel OnAfterRetrieveCurrencyOperation OnBeforeCalcOutstandingAmount OnPostPaymentCSMOrderDocumentOnBeforeGenJnlPostLine
Codeunit	70338209	CSM Create Sales Order	<ul style="list-style-type: none"> OnInsertOrderNoteOnBeforeCreateSalesCommentLine
Codeunit	70338223	CSM SENAPI Management	<ul style="list-style-type: none"> OnAddSENAPIParamsForSendSalesChannelCustomerToChannel