



# Suite Engine Channel Sales Manager Release Notes

**Product:** Channel Sales Manager Core

**Release:** 2.5

**Version:** 2.5.2022041220.4568

**Release Date:** 04/12/2022

**Minimum Business Central Version Compatibility:** 18.2

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 Suite Engine cannot be held responsible for any issues that arise out of installing this release into an out-of-date environment.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

### Upgrade Instructions

This release introduces a new **Channel Shipping Method** field (field number 205) to the **CSM Order** table, which replaces the **Ship Service Level** field (field number 200). If you are upgrading your existing CSM integration with this release, you must make the following changes to ensure that your solution continues to operate as desired:

1. Update your existing API mapping. In the **CSM API Functions** page, select the API function code *SALESORDERLIST*. Choose the **API Mappings** button in the ribbon, and in the **CSM API Mappings** page, locate the existing mapping for table 70338221, field 200 and update this field number to 205.
2. Update any custom extensions that use the legacy **Ship Service Level** field to use the new **Channel Shipping Method** field.



## Features and Functionality

- Support for Microsoft Dynamics 365 Business Central 2022 Wave 1 (version 20) has been added to CSM.
- Two new Boolean fields have been added to the **CSM Sales Channel** table: **Deny Unbalanced Auto Release** and **Deny Unbalanced Auto Post**. If these options are enabled for a sales channel whose automation routine is configured to automatically release and/or post Business Central sales orders that are created for retrieved channel orders, CSM will override this automation if the order total on a CSM order differs from the order total on the related sales order. The sales order will remain unreleased/unposted, and the CSM order's **Status Text** field will be updated with an explanation as to why.
- A new **Start Processing Date Time** field has been added to the **CSM Sales Channel** table. When a date and time are entered in this field and the CSM automation routines are executed, CSM will retrieve records from the connected external platform with a record date and time on or after the entered value. CSM previously allowed for the definition of a start date/time at the API set level; this new field allows users to set different start/date times for sales channels that share the same API set.
- A new **Sales Channel Manager** FastTab has been added to the **Sales Order** page. When a sales order is generated from a CSM order, information about this order is presented on the FastTab.
- It is now possible to run the **Get External Inventory Supply** action against multiple selected CSM listing records.
- The manner in which CSM builds CSM API data buffer records has been standardized and moved from channel-specific integrations to CSM Core.
- New **Table Name**, **Field Name**, and **Value Processing Func. CU Name** fields have been added to the **CSM API Mapping** and **CSM API Sub Variable** tables. Previously these tables contained object ID fields, but with the addition of these new name fields, it is easier for users to identify the associated database object.
- Several improvements have been made to determine whether CSM API data buffer records are mapped to existing database records:
  - A new **Mapping Available** field has been added to the **CSM API Data Buffer** table. This is a Boolean field that indicates whether a CSM API data buffer record has an associated CSM API mapping record.
  - A new **CSM Data Buffer Mapping Info** FactBox has been added to the **CSM API Data Buffers** page. When a data buffer with an associated CSM API mapping record is selected, this FactBox displays information about that mapping, such as its count, source type, mapped table, and mapped field.

## Channel Foundations

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

- Functionality has been added to create records in dedicated attribute tables that were introduced in an earlier release to support different attribute data types (attributes, attribute sets, and attribute options). This will support new product features in multiple upcoming platform integrations.
- To support shipment method data retrieval activities in multiple upcoming platform integrations, a new **Channel Shipping Method** field has been added to the **CSM Shipping Method** and **CSM Order** tables and their related pages. This field replaces the existing **Ship Service Level** field, which is where an external platform's retrieved shipment method code was stored. The existing field entered these retrieved values as Business Central codes, which resulted in a format that was incompatible with some platforms. The new field retrieves these values as text, which will support all data retrieval scenarios. See the [upgrade instructions](#) for more details.
- A new **CSM Shipping Zone** table and related page has been added to support shipment method data retrieval activities in an upcoming BigCommerce integration.



- To support sales channel payment methods that do not permit multiple payment capture activities against the same transaction, a new **Single Capture** Boolean field has been added to the **CSM Payment Method** table. When this option is enabled for a CSM order's assigned payment method, CSM will capture and send the payment to the sales channel when the related Business Central sales order is fully shipped and invoiced. If the sales order is partially shipped and invoiced, no payment capture is recorded.
- Functionality has been added to support gift card management in an upcoming Shopify integration.

## Corrections

- A number of CSM objects had code that was not in compliance with Microsoft's published guidelines. This has been corrected.
- When the CSM setup wizard was used to create a new channel that uses an existing API set, leaving the credential information blank in the wizard would result in CSM deleting that API set's existing credentials. This has been corrected.
- Deleting a sales channel did not result in the deletion of that channel's related CSM automation records. This has been corrected.
- Channel-specific field captions on channel orders were not extended to the related archived orders. This has been corrected.
- Miscellaneous typos have been corrected.

## Miscellaneous

- CSM Core's automated test scripts have been expanded to include additional testing scenarios.

## Release Objects

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

Object Type	Object ID	Object Name	Action
Table	70338202	CSM API Function	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	70338212	CSM Product Information	Modified
Table	70338213	CSM Order Header Archive	Modified
Table	70338218	CSM Automation	Modified
Table	70338220	CSM Sales Channel	Modified
Table	70338221	CSM Order Header	Modified
Table	70338223	CSM Order Document	Modified
Table	70338227	CSM Shipping Method	Modified
Table	70338228	CSM Payment Method	Modified
Table	70338240	CSM Listing	Modified
Table	70338242	CSM Listing Attribute	Modified



Object Type	Object ID	Object Name	Action
Table	70338248	CSM Item Attribute Set	Modified
Table	70338251	CSM Shipping Zone	Created
Table	70338252	CSM Item Attrib. Set Attribute	Created
Table	70338253	CSM Gift Card	Created
Page	70338200	CSM Setup	Modified
Page	70338202	CSM API Functions	Modified
Page	70338204	CSM API Sub Variables	Modified
Page	70338206	CSM API Mappings	Modified
Page	70338209	CSM API Data Buffers	Modified
Page	70338216	CSM Wizard	Modified
Page	70338219	CSM Order Archive	Modified
Page	70338220	CSM Sales Channel	Modified
Page	70338221	CSM Order	Modified
Page	70338228	CSM Payment Methods	Modified
Page	70338229	CSM Tax Groups	Modified
Page	70338230	CSM Price Groups	Modified
Page	70338240	CSM Listing	Modified
Page	70338252	CSM Role Center Headline	Modified
Page	70338257	CSM Listings	Modified
Page	70338260	CSM Order Statistics Factbox	Modified
Page	70338261	CSM Sales Channel List Factbox	Modified
Page	70338264	CSM Item Attribute Set List	Modified
Page	70338268	CSM Shipping Zones	Created
Page	70338269	CSM Item Att. Set Attr Factbox	Created
Page	70338270	CSM ArcherPoint Demo Setup	Modified
Page	70338271	CSM Item Attrib Set Attributes	Created
Page	70338272	CSM Gift Cards	Created
Page	70338273	CSMGiftCard	Created
Page	70338274	CSMCaptureAuthPaymentInput	Created
Page	70338275	CSM Data Buffer Mapping Info	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	70338209	CSM Create Sales Order	Modified



Object Type	Object ID	Object Name	Action
Codeunit	70338211	CSM XML DOM Management	Modified
Codeunit	70338212	CSM Load Core Data	Modified
Codeunit	70338214	CSM Gift Card Management	Created
Codeunit	70338215	CSM Create Sales Credit Memo	Modified
Codeunit	70338231	CSM Load Demo BC Data	Modified
Enumeration	70338213	CSM Auth. Data Type	Created
Enumeration	70338218	CSM Discount Allocation	Created
Enumeration	70338219	CSM API Mappings Source Type	Created
PermissionSet	70338200	CSM Core	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	Created	Sales Header
TableExtension	70338201	CSMSalesInvoiceHeader	Created	Sales Invoice Header
TableExtension	70338202	CSM Sales Header Archive	Created	Sales Header Archive
TableExtension	70338203	CSM Sales Cr. Memo Header	Created	Sales Cr.Memo Header
TableExtension	70338204	CSM Sales Shipment Header	Created	Sales Shipment Header
PageExtension	70338200	CSMSalesOrder	Created	Sales Order
PageExtension	70338201	CSM Posted Sales Credit Memo	Created	Posted Sales Credit Memo
PageExtension	70338202	CSM Posted Sales Invoice	Created	Posted Sales Invoice
PageExtension	70338203	CSM Posted Sales Shipment	Created	Posted Sales Shipment
PageExtension	70338204	CSM Sales Order Archive	Created	Sales Order Archive

## 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"> <li>OnCapturePayment(var</li> <li>OnBeforeUpdateChannelOrderStatus(var</li> </ul>
Table	70338242	CSM Listing Attribute	<ul style="list-style-type: none"> <li>OnBeforeCreateSalesChannelListingAttributeV2(var</li> </ul>
Table	70338248	CSM Item Attribute Set	<ul style="list-style-type: none"> <li>OnBeforeRefreshCSMItemAttributesForAttribSetLink(var</li> </ul>
Table	70338253	CSM Gift Card	<ul style="list-style-type: none"> <li>OnBeforeDisableGiftCard(var</li> <li>OnAfterDisableGiftCard(var</li> <li>OnIssueGiftCardAction(var</li> <li>OnBeforeCreateGiftCard(var</li> <li>OnAfterCreateGiftCard(var</li> </ul>
Page	70338219	CSM Order Archive	<ul style="list-style-type: none"> <li>OnAfterSetDefaultVisibility()</li> </ul>



Object Type	Object ID	Object Name	Integration Events
Page	70338257	CSM Listings	<ul style="list-style-type: none"> <li>OnGetExtInvSupplyMultipleOnBeforeLISTING_GetExtInvSupplyForListingFromChannel(ToUpdateCSMListing:</li> </ul>
Page	70338274	CSMCaptureAuthPaymentInput	<ul style="list-style-type: none"> <li>OnBeforeSetAmountToCapture(var</li> <li>OnBeforeGetAmountToCapture(var</li> </ul>
Codeunit	70338205	CSM Order Management	<ul style="list-style-type: none"> <li>OnBeforeFindChannellItemFromListing(CSMListing:</li> <li>OnBeforeFindChannellItemFromSku(ChannellItemNo:</li> <li>OnGetAPIFunctionForSendPaymentInfoOperation(VAR</li> <li>OnBeforeFindChannellItem(SalesChannel:</li> <li>OnBeforeFindItemFromSKU(SalesChannel:</li> <li>OnBeforeFindChannellItemFromListing(CSMListing:</li> <li>OnBeforeFindChannellItemFromSku(ChannellItemNo:</li> </ul>
Codeunit	70338209	CSM Create Sales Order	<ul style="list-style-type: none"> <li>OnBeforeInsertSalesOrderLineForLineType(SalesHeader:</li> <li>OnAfterShouldProcessSalesOrder(var</li> <li>OnBeforeInsertSalesOrderLineForLineType(SalesHeader:</li> </ul>
Codeunit	70338214	CSM Gift Card Management	<ul style="list-style-type: none"> <li>OnGetAPIFunctionForRetrieveGiftCardOperation(var</li> <li>OnGetAPIFunctionForRetrieveGiftCardsOperation(var</li> <li>OnGetAPIFunctionForCreateGiftCardOperation(var</li> <li>OnAfterCreateGiftCardOperation(var</li> <li>OnGetAPIFunctionForRetrieveActiveGiftCardOperation(var</li> <li>OnAfterRetrieveGiftCardsOperation(var</li> <li>OnAfterRetrieveGiftCardOperation(var</li> <li>OnAfterRetrieveActiveGiftCardsOperation(var</li> <li>OnGetAPIFunctionForDisableGiftCardOperation(var</li> <li>OnAfterDisableGiftCardOperation(var</li> <li>OnCreateGiftCardJournalLineOnBeforeGenJnlCheckLineRunCheck(var</li> <li>OnCreateGiftCardJournalLineOnBeforeGenJnlPostLineRunWithCheck(var</li> <li>OnCreateGiftCardJournalLineOnAfterGenJnlPostLineRunWithCheck(var</li> </ul>