



CSM FOR AMAZON

An App by Suite Engine

MICROSOFT DYNAMICS 365 BUSINESS CENTRAL

Order Management Setup

Version: 3.3

Last Revised: April 5, 2024

ORDER MANAGEMENT SETUP

This document presents setup information regarding the CSM for Amazon Order Management functionality for Dynamics 365 Business Central.

Please ensure that the CSM for Amazon app and its dependent apps are correctly installed in your Dynamics 365 Business Central instance before proceeding.

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Introduction

CSM for Amazon is an out-of-the-box integration between Microsoft's Dynamics 365 Business Central ERP software and Amazon's seller marketplace. This integration allows online retailers to keep the ERP business software they use to run their business in sync with their online marketplace(s). Automated processes are used to create Business Central sales orders in response to Amazon marketplace activity, as well as update these orders and other related records as new information is recorded in either system.

A Note on Amazon APIs

In 2021, Amazon introduced its Selling Partner API (SP-API) as a modern replacement to its legacy Marketplace Web Service API (MWS API). These API suites are used by Amazon marketplace sellers to send data between their Amazon environment and external applications. While Amazon MWS API continues to be used by sellers who set up their Amazon marketplace prior to the introduction of SP-API, all new marketplace sellers receive and are expected to use the modern API suite. Although MWS API users are not required to migrate to SP-API, Amazon is no longer adding functionality to the MWS API set, and will be deprecating these legacy APIs at some point in the future.

CSM for Amazon supports both SP-API and MWS API suites. When you are in the process of [setting up a new sales channel](#), CSM will prompt you to specify the API set you want to use. CSM will manage the exchange of data between Amazon and Business Central according to the API set you select.

For more information on Amazon SP-API, please see [here](#).

CSM Initial Setup


Before you can start the process of setting up CSM, there are some basic, preliminary steps you must perform to prepare your solution for setup and configuration.

Manage the CSM for Amazon Extension

The CSM for Amazon solution is comprised of multiple extensions:

- *Channel Sales Manager Core*: this contains the core functionality of the CSM solution, such as the tables in which data is stored, the API engine that processes the API calls used to send and receive data between an eCommerce channel and Dynamics 365 Business Central, and the automation routines that execute these API calls.
- *Channel Sales Manager for Amazon*: this facilitates communication between CSM Core and an external Amazon environment.
- *Suite Engine Variations Library*: if you are working with items that are available in multiple variations (for example, color or size), this extension allows you to define this structure within Business Central. It is included as part of CSM to support online retailers that sell configurable items.
- *Suite Engine Common Base*: this is used to manage your subscription to CSM and other Suite Engine products.

It is necessary to enable communication to your external payment platform for each of these extensions:

1. Choose the  icon, enter **Extension Management**, and then choose the related link.
2. On the **Extension Management** page, choose the *Channel Sales Manager Core* extension.
3. Choose the **Configure** action on the **Manage** tab in the ribbon.
4. On the **Extension Settings** page, select the *Allow HttpClientRequests* check box.
5. Close the **Extensions Settings** page and repeat this process for the other CSM extensions:
 - *Channel Sales Manager for Amazon*
 - *Suite Engine Variations Library*
 - *Suite Engine Common Base*

CSM Permission Sets

CSM includes out-of-the-box permission sets for each of the extensions listed in the preceding section. In order to work with CSM functionality, it is necessary to assign these permission sets to your users.

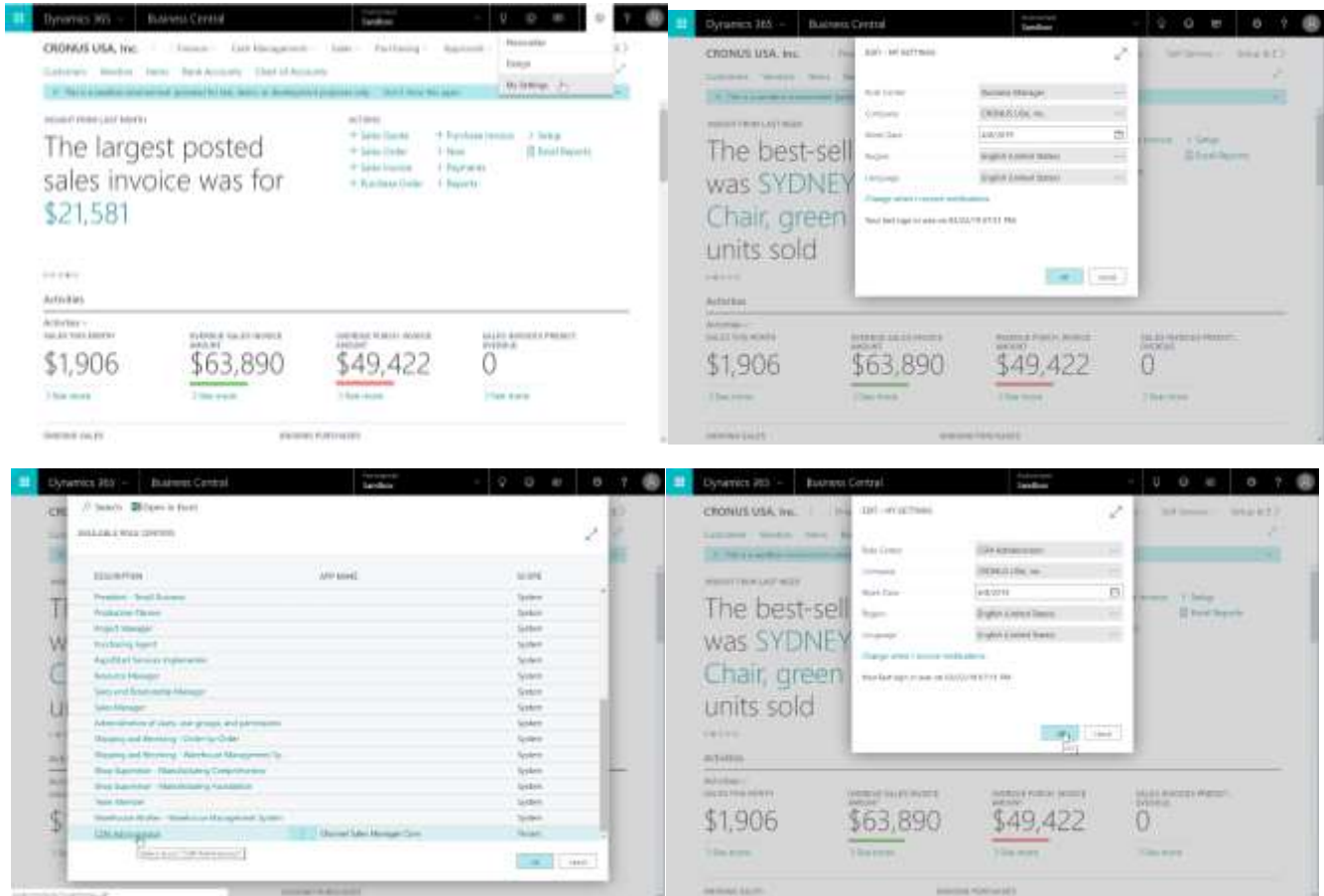
The process of assigning CSM permissions is no different than the assignment of standard Business Central permission sets. For guidance on best practices for assigning permissions sets, see [here](#).

CSM Role Center

CSM provides a Role Center with content specific to CSM functionality. It is recommended that this Role Center be enabled to best understand this setup documentation.

To enable the CSM Administrator Role Center:

1. Logon to Dynamics 365 Business Central and ensure that your company is set correctly.
2. Search for "My Settings" or go to the Gear in the upper, right-hand corner and choose "My Settings" and change your Role Center to "CSM Administrator".



3. Your screen should now refresh to the CSM Administrator Role Center.

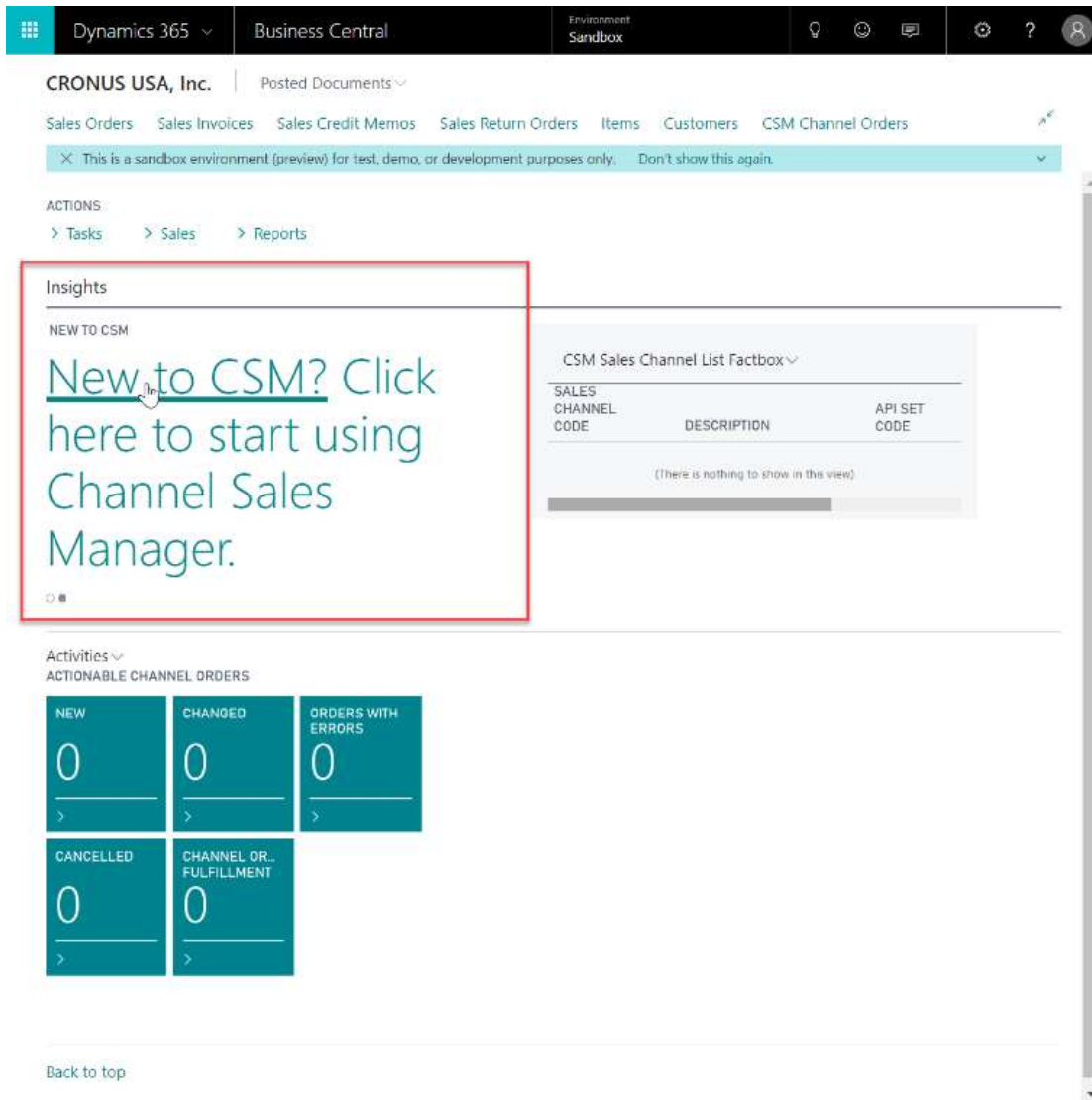
For more info on CSM Role Center refer to [CSM Role Center Headlines](#).

CSM Setup

To initially setup CSM for Amazon, you first need to load the API and Sales Channel Data for your Amazon Seller Central Account. This should take 5 minutes or less.

First, you need to navigate to CSM Setup. First, you need to navigate to the CSM Setup page. You can access this page in the following ways:

- You can search for CSM Setup by pressing the light bulb and entering “CSM Setup.”
- From the CSM Administrator Role Center, chose the “CSM” action, then select the “CSM Setup” option.
- Wait for the CSM Administrator Role Center Insights pane to display “New to CSM?” and click the hyperlink.



The screenshot shows the Dynamics 365 Business Central interface for CRONUS USA, Inc. The top navigation bar includes "Dynamics 365", "Business Central", and "Environment Sandbox". The main navigation area shows "Posted Documents" and various sales-related options like "Sales Orders", "Sales Invoices", etc. A notification banner states: "This is a sandbox environment (preview) for test, demo, or development purposes only. Don't show this again." Below this, the "ACTIONS" section shows "Tasks", "Sales", and "Reports". The "Insights" pane is highlighted with a red box and contains the following text:

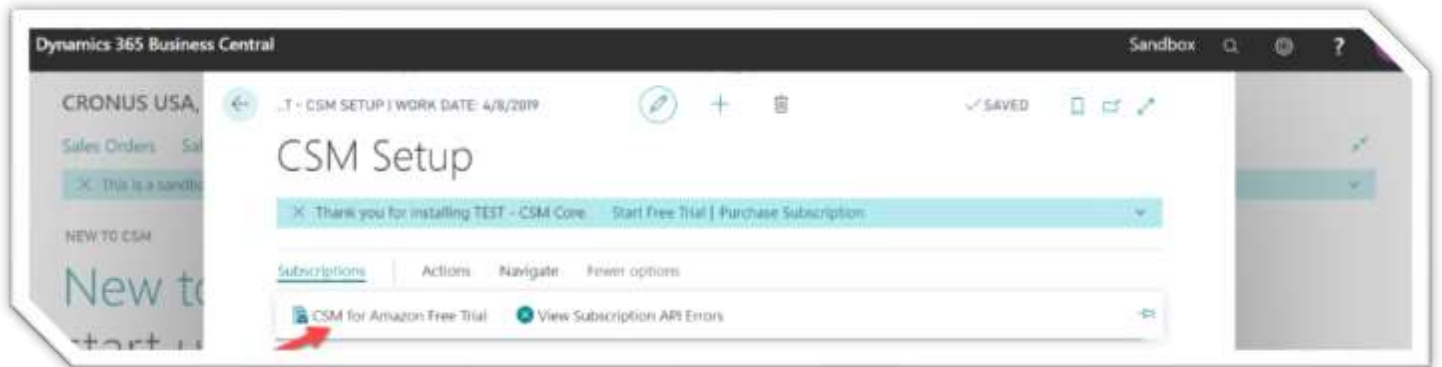
NEW TO CSM
[New to CSM? Click here to start using Channel Sales Manager.](#)

To the right of the Insights pane is a "CSM Sales Channel List Factbox" table with columns for "SALES CHANNEL CODE", "DESCRIPTION", and "API SET CODE". The table is currently empty, showing "(There is nothing to show in this view)".

At the bottom of the page, the "Activities" section shows "ACTIONABLE CHANNEL ORDERS" with five summary cards: "NEW", "CHANGED", "ORDERS WITH ERRORS", "CANCELLED", and "CHANNEL OR... FULFILLMENT". Each card displays a count of 0 and a right-pointing arrow. A "Back to top" link is located at the bottom left of the page.

Creating and Managing Your CSM Subscription

If CSM for Amazon is your first CSM product, it is necessary to create a new CSM subscription. CSM uses Stripe as its subscription and payment management service, but the process of setting up a new subscription can be performed from the CSM Setup page within Business Central. On the Registration and Billing Information FastTab, you must enter a company name, contact e-mail, address, and phone number information, then choose the Subscriptions ribbon and select the CSM for Amazon Free Trial action.



If you have failed to supply any necessary information, an error message will inform you of what data you need to include. If all the required values are present, a new CSM subscription management account will be set up for you in Stripe. As part of this setup, a new customer ID is generated; this ID is displayed in the corresponding field on the CSM Setup page.

Note: while CSM's subscription management functionality will validate whether all of the required fields have been populated when a subscription is requested, it will not validate the information itself. Please be certain the values you enter in these fields are accurate.

When you have successfully requested a trial subscription, the relevant subscription status fields on the CSM Setup page are updated to present the remaining length of the trial subscription. CSM products by default allow for a 30 day trial period, during which you have access to the full functionality of CSM for Amazon. If you wish to use CSM for Amazon following the trial period, you must activate your subscription by providing a valid payment method. You can supply a payment method and manage other aspects of your CSM subscriptions through the Suite Engine Subscription Self Service Portal, which is accessed from the CSM Setup page by choosing the Process ribbon and then choosing the Go To Payment Portal action. This opens the Suite Engine Subscription Self Service Portal for the assigned customer ID. The portal presents information on CSM for Amazon and any other Suite Engine solution subscriptions that have been set up under the same account; from here, you can add payment methods and make adjustments to your existing subscriptions.

If CSM for Amazon is being installed in a Business Central environment in which other CSM solutions have been deployed, the trial subscription will be created for the customer ID subscription account that is already assigned in Business Central. However, there may be situations where a Suite Engine subscription account exists but no account details are present in Business Central. A common example of this occurs is when a company is working with separate Business Central test/sandbox and live/production environments. In such a scenario, it is necessary to apply the same subscription to both environments, rather than create (and pay for) two separate subscriptions. It is possible to link a

Business Central environment to an existing subscription account by choosing the **Link to Existing Customer** action on the **Actions** tab in the ribbon. In the **Link Existing Customer** page, you must enter the following information:

- Customer ID
- Billing E-Mail
- Address (Address 1 only, information such as city and postal code is unnecessary)

These values can all be obtained from Stripe. When this information is supplied, the application will automatically assign the proper CSM subscription account in Business Central and then update this account to include CSM for Amazon.



After the initial entry of billing details on the CSM Setup page, these values become uneditable. If it is necessary to modify any of this information, you can do so on the Suite Engine Subscriptions page. This page presents customer information and details about all Suite Engine products that have been licensed under the customer account. To change values such as the customer name, address, e-mail, and phone number, choose the Edit Customer Information action in the ribbon. This will open a separate window containing the existing customer values, which can then be edited. Changes that are made to a customer's information will be automatically synchronized with the related CSM subscription account in Stripe.

It is also possible to make adjustments to a subscription account's information through Stripe. In such an instance, it is necessary to open the Suite Engine Subscriptions page in Business Central, then choose the Actions ribbon and choose the Force Refresh action to instruct CSM to obtain the updated information from Stripe.

Enabling and Receiving CSM Notifications

CSM uses Business Central's [notifications functionality](#) to keep users informed of critical changes that are made to new versions of the application. Enabling this feature is not required, but it is recommended.

To enable CSM notifications:

1. Choose the  icon, enter **CSM Setup**, and then choose the related link.
2. On the **CSM Setup** page, turn on the **Enable CSM Notifications** field in the **Notifications** FastTab.
3. Choose the  icon, enter **User Setup**, and then choose the related link.
4. On the **User Setup** page, select the user who will receive CSM notifications, then enter a check mark in the **Receive CSM Notifications** field.
5. Repeat this step if additional users will receive CSM notifications.

CSM notifications are stored in a dedicated **CSM Upgrade Notification** table. If a new version of a CSM extension requires action on your part, Suite Engine will include the relevant information in this table. You can access this table via standard Business Central search functionality. In addition, any users who are set up to receive upgrade notifications will be presented with a notification directly in their respective role centers when they log into Business Central. This notification will continue to be displayed in the role center until the new upgrade notifications are marked as having action taken.

To take action against a CSM upgrade notification:

1. In the **CSM Upgrade Notifications** page, review the line for the new upgrade notification. Each line contains information about the application for which the notification was created, the version number, and basic description information.
2. If a check mark appears in the **Action Required** field, there is some action you must perform to accommodate changes made with the new product version. Instructions on the steps you need to perform are presented in the notification line's informational fields. In addition, there are two actions on the ribbon that may assist you:
 - **Open Page:** if an action page name is assigned to the notification line, you can choose this action to open the page in Business Central on which you need to perform the necessary upgrade activity.
 - **How-to-Instructions:** if an address is entered in the notification line's **How-to Instructions URL** field, you can choose this action to visit that URL. This allows you to access supporting material that is supplied by Suite Engine, such as a how-to-video or blog post containing instructions and information.
3. When you have performed the necessary action, place a check mark in the **Action Taken** field.

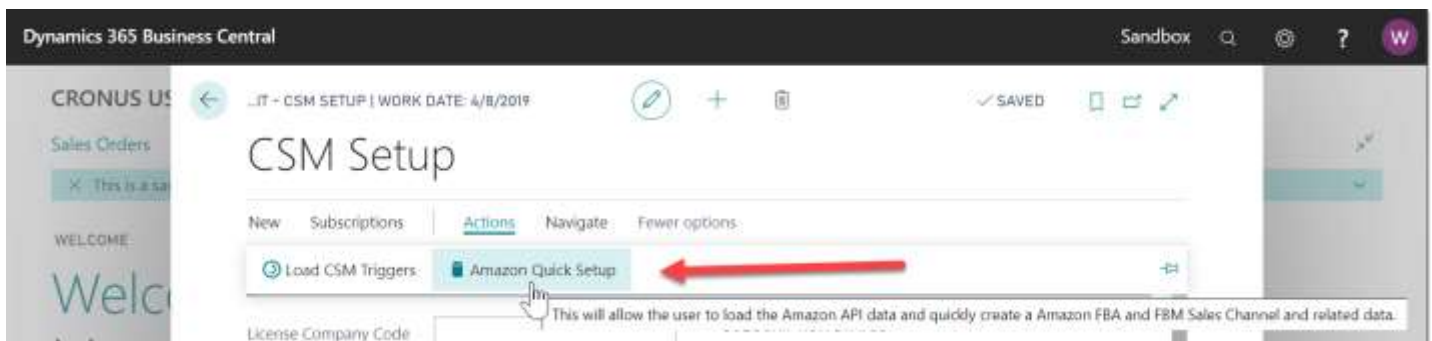
CSM will automatically record the date, time, and user who marked the action as having been taken. If any upgrade notifications are not completed in this way, the designated CSM notifications users in your organization will continue to receive upgrade notifications alerts in their role centers when accessing Business Central.

The CSM for Amazon Setup Wizard

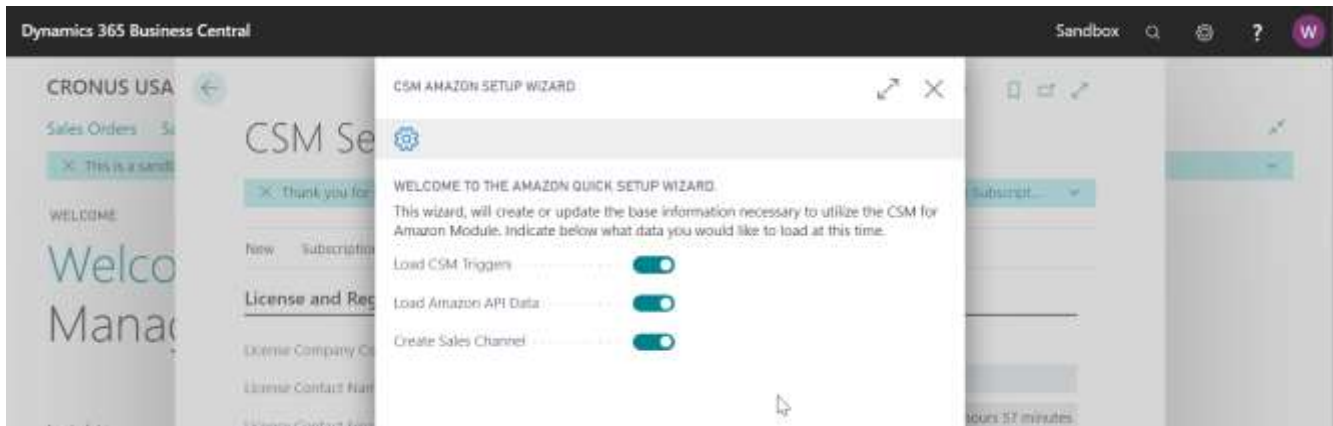
Once you have set up a trial subscription, you are ready to set up your CSM for Amazon solution. To assist you in the creation of your primary sale channel, CSM for Amazon includes a setup wizard that streamlines the setup process.

***Note:** if your online retail business is comprised of multiple marketplaces, and you want to create a separate CSM sales channel for each one, it is recommended that you manually set them up. This will ensure that the credentials you established during the setup of your primary sales channel are not inadvertently overridden or deleted.*

Select Actions -> Amazon Quick Setup.

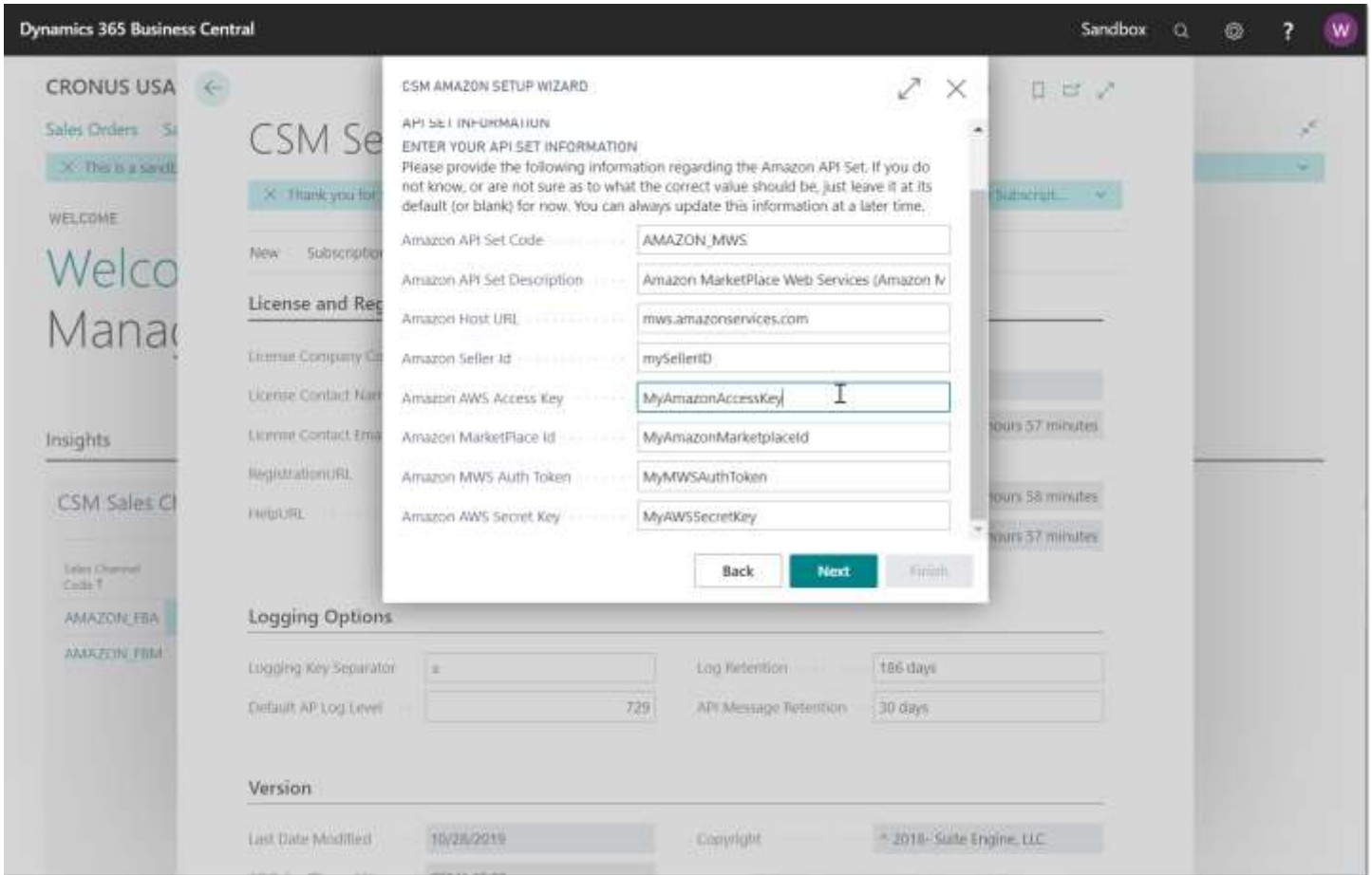


This will start the Amazon Setup Wizard.



On the first page of the wizard, in the **Web Service Type** field, use the dropdown to indicate whether your Amazon platform utilizes the modern SPI-API set or the legacy MWS API suite (see [here](#) for more information on these API sets). After you have specified the web service type, it is recommended you enable all presented setup options for loading CSM triggers and Amazon API data, as well as creating a new sales channel in Business Central. When you are done making these selections, choose the **Next** button.

On the second page of the wizard, you can specify information about the API set you are using to facilitate communications between Business Central and your external channel platform. For more information on how to retrieve this information, choose the **How to obtain credentials** button.

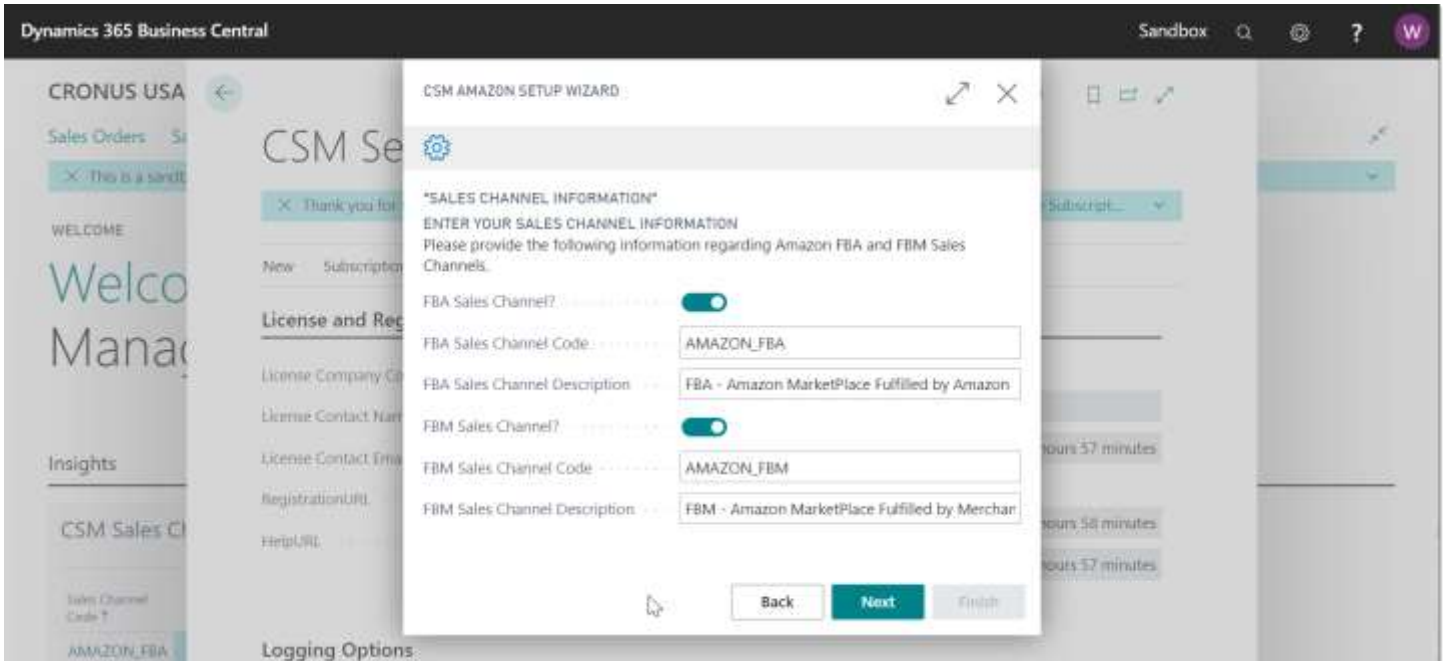


The specific configuration field options will be determined by the web service type that you selected on the previous wizard page:

Field	Description	API Type	Example Value
Amazon API Set Code	This is unique code that identifies the API set. It can be any value you wish, but we recommend naming it something meaningful that describes the external source the API set communicates with.	Both	Amazon_SPAPI
Amazon API Set Description	This is a text description of the API set. It can be any value you wish, but we recommend using a meaningful description. Note, that you may deal with other channels in the future (Shopify, Magento, etc.).	Both	Amazon Selling Partner API (Amazon SPAPI)
Amazon Marketplace ID	This is the marketplace ID for your Amazon storefront. You can obtain this value by your Amazon storefront or any of the products you list on Amazon in a browser. If you review the URL, you will notice a segment that reads "&marketplaceID=" followed by an alphanumeric value. That alphanumeric value is your marketplace ID for that storefront.	Both	
Amazon Seller ID	This is your Amazon merchant token. You can obtain this value from your Amazon Seller Central account by opening your Account Info page, then choosing the Merchant Token option in the Business Information section.	Both	

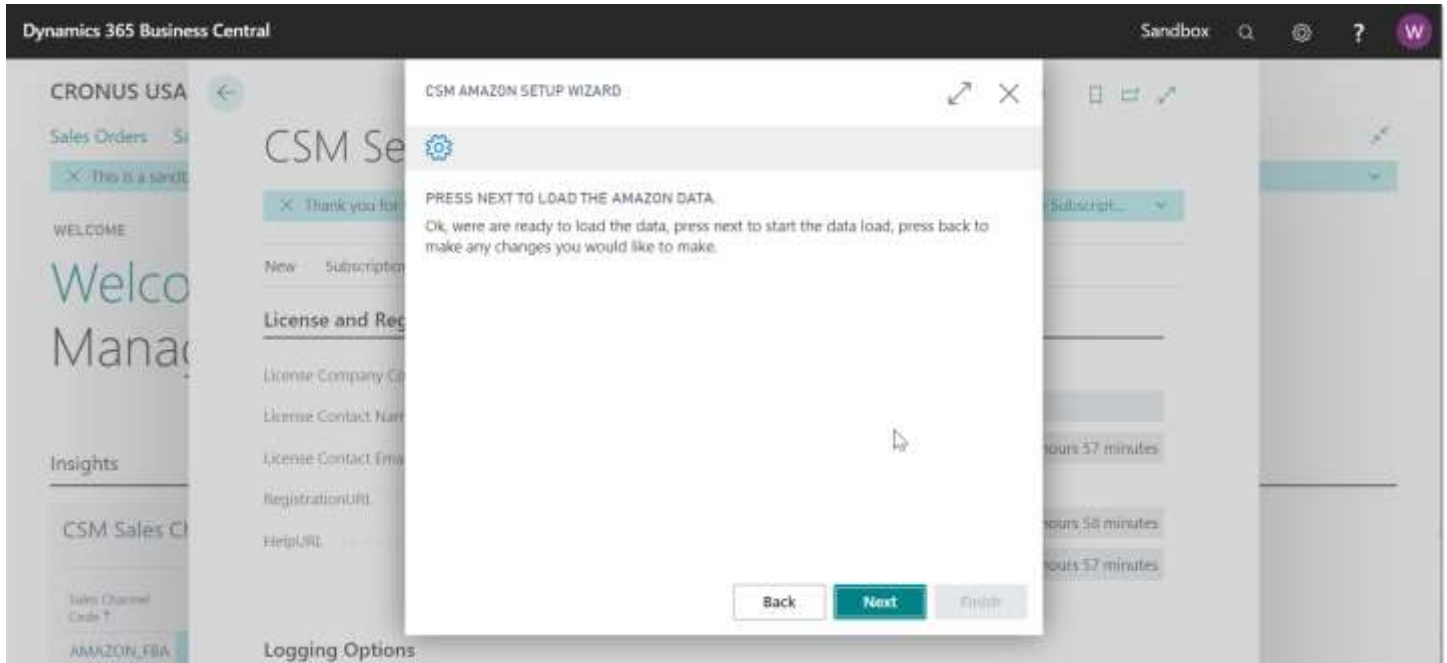
Field	Description	API Type	Example Value
Amazon Host URL	This is the host URL endpoint Amazon Marketplace Web Services (MWS). Normally it is mws.amazonservices.com	MWS	mws.amazonservices.com
Amazon AWS Access Key	You can request credentials on Amazon Seller Central. This is the AWS Access Key they give you when authorized to use MWS.	MWS	
Amazon MWS Auth Token	You can request credentials on Amazon Seller Central. This is the MWS Auth Token they give you when authorized to use MWS.	MWS	
Amazon AWS Secret Key	You can request credentials on Amazon Seller Central. This is the AWS Secret Key they give you when authorized to use MWS.	MWS	
App ID	If you have obtained a Restricted Data Token from Amazon and want to use it to retrieve shipping address information for FBM orders, you must specify the ID of the app you created in your Amazon Developer Central account for communication to Business Central. The App ID is presented directly on the main Developer Central page, and will have a format of <i>amzn1.sp.solution.[xxx]</i> , where <i>[xxx]</i> is a unique number that has been assigned to your application	SP-API	<i>amzn1.sp.solution.[xxx]</i>
Amazon Access Key ID	You can request credentials on Amazon Seller Central. This is the Access Key they give you when authorized to use SP-API.	SP-API	
Amazon Secret Key	You can request credentials on Amazon Seller Central. This is the Secret Key they give you when authorized to use SP-API.	SP-API	
Amazon Client ID / Amazon Client Secret	Amazon Device Messaging (Amazon's service that manages the transmission of messages to and from Amazon) requires OAuth credentials that verify your server's identity. These credentials exist in the form of a Client ID and Client Secret Key. You can obtain these credentials from your Amazon developer portal account by opening the Security Profile Management area and then choosing the Web Settings tab.	SP-API	
Amazon Role ARN	Your Amazon Resource Name (ARN) is a role that manages identity and access policies, API calls, and other services.	SP-API	
Amazon Role ARN Version	Your Amazon Resource Name (ARN) may include a version number as a qualifier to more fully identify the role. If this qualifier has been established, it should be entered here.	SP-API	
Amazon Refresh Token	Enter your Amazon refresh token, which is used by CSM to request new access tokens as needed.	SP-API	
AWS Region	Your Amazon seller environment is hosted in a particular region, which can be specified here. By default, CSM for Amazon supports AWS servers in eastern and western North America, as well as western Europe.	SP-API	

On the third page of the wizard, you will specify how you want to identify FBA vs. FBM Sales Channels.



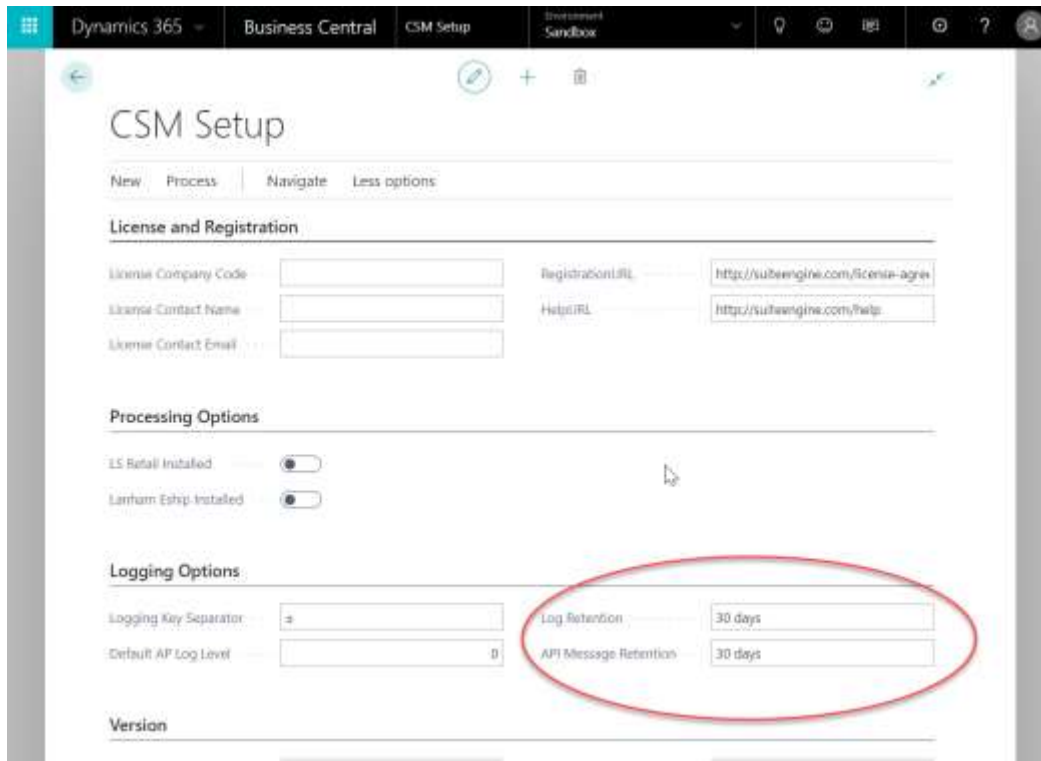
Field	Description	Example Value
Code	This is unique code that identifies the Sales Channel. It can be any value you wish, but we recommend naming it something meaningful that describes the Sales Channel.	Amazon_FBA
Description	This is a text description of the Sales Channel.	FBA - Amazon MarketPlace Fulfilled by Amazon

The fourth page of the wizard is a confirmation page. Choose the **Next** button to instruct CSM to load and configure the Amazon channel. You can choose the **Back** button if you need to make changes to any entered settings.



Press "Finish" on the Final Page and the Wizard will close.

There are two values on the CSM Setup page that you should set. These determine how long API message information and logs are retained. For more information on how API messages and processing log entries are used to troubleshoot CSM activities, please see [here](#).



Close the CSM Setup page and you should return to the CSM Role Center.

Obtain Channel Credentials in Amazon

To obtain credentials for CSM Amazon you must register as a developer. It is recommended that you complete this before moving to any other steps throughout this process. Credentials cannot be shared. End-users will need to register themselves as a developer to get the proper credentials. To get the correct links to certain webpages refer to the CSM Amazon Order Management Document.

- I. Create an AWS account

Create an AWS account

1. You must have an AWS account because the Selling Partner API security model uses AWS authentication credentials. If you're not already an AWS customer, you can create a free AWS account. For more information, refer to [AWS Free Tier](#).
2. On the AWS account page, click the Create a Free Account button.

3. Enter in an email address. From there, an email will be sent with a verification code. You will enter that code into the AWS account page.
4. Next, you will be required to fill in your contact information in all the fields. Remember to agree to the terms and conditions at the bottom of the page.
5. You will be required to fill in your credit card/billing information in all the fields.

Complete the sign-in process according to Amazon's direction.

II. Create an IAM user

Create an IAM user to get AWS keys to authenticate calls to the Selling Partner API. We recommend creating a new IAM user exclusively for this purpose.

Use the following procedure to create an IAM user

1. Sign into the AWS Management Console, and then open the IAM console at console.aws.amazon.com/iam.
2. From the left navigation pane, choose **Users** and then select **Add user**.
3. Enter a username.
4. Select **Programmatic access** and then choose **Next: Permissions**.
5. On the **Set Permissions** page, accept the defaults and then choose **Next: Tags**. You will set permissions when you [create an IAM role](#).
6. On the **Add tags (optional)** page, add any desired tags, and then choose **Next: Review**.
7. On the **Review** page, ignore the **This user has no permissions** warning. You will set permissions when you [create an IAM role](#).
8. Select **Create user**.
9. Choose **Show** to view the AWS secret access key. To save the AWS access key, select **Download .csv**, and then save the file to a safe location.

Important!

This is your only opportunity to view or download your AWS secret access key, which you must use to authenticate your calls to the Selling Partner API. Save the AWS access key ID and AWS secret access key in a safe and secure place.

You will not have access to the AWS access key again after this step.

If you lose your AWS secret access key you must create a new IAM user with a new set of keys.

10. Choose **Close**.

11. In the **Username** column, select your new IAM user and record the User ARN. You will use the ARN in [Create an IAM role](#).

For more information about creating IAM users, refer to [Creating an IAM User in Your AWS Account](#) in the AWS documentation.

Complete this process according to Amazon's direction.

III. Create an IAM policy

This IAM policy defines the permissions required to make calls to the Selling Partner API. Attach this policy to the IAM role that you create in [Create an IAM role](#).

Note: If your AWS account leverages AWS Organizations you must ensure that your organization level policy allows access to the Selling Partner API. For more information, refer to [Managing AWS Organizations policies](#) in the AWS documentation.

Use the following procedure to create an IAM policy

1. Sign in to the AWS Management Console, and then open the IAM console at console.aws.amazon.com/iam.
2. From the left navigation pane, select **Policies**.

If this is your first time choosing **Policies**, the **Welcome to Managed Policies** page appears. Choose **Get Started**.

3. Select **Create policy**.
4. Choose the **JSON** tab.
5. Paste the following code into the text box (replacing the existing code), and then choose **Next: Tags**.

```
{  
  "Version": "2012-10-17",  
  "Statement": [  
    {  
      "Effect": "Allow",  
      "Action": "execute-api:Invoke",  
      "Resource": "arn:aws:execute-api:*:*:*"  
    }  
  ]  
}
```

6. On the **Add tags (Optional)** page, add any desired tags, then choose **Next: Review**.
7. On the **Review policy** page, enter a **Name** and a **Description** (optional) for the policy that you are creating. We recommend naming your IAM policy, SellingPartnerAPI.
8. Review the policy **Summary**, then choose **Create policy**.

Complete this process according to Amazon's direction.

IV. Create an IAM role

Create an IAM role that trusts the IAM user that you created in [Step 2. Create an IAM user](#) and has permissions to call the Selling Partner API.

Use the following procedure to create an IAM role

1. Sign in to the AWS Management Console, and then open the IAM console at console.aws.amazon.com/iam.
2. From the left navigation pane, select **Roles** and then choose **Create role**.
3. On the **Create role** page, choose **Another AWS account**.
4. In the **Account ID** box, enter the account identifier for the AWS account where you created your IAM user in [Step 2. Create an IAM user](#). The account identifier is the 12 digit number in the User ARN. Then, choose **Next: Permissions**.
5. On the **Attach permissions policies** page, under **Policy name**, select the policy that you created in [Step 3. Create an IAM policy](#), and then choose **Next: Tags**.

Tip: Choose **Filter policies** and then select **Customer managed** to narrow your choices.

6. On the **Create role** page, enter a role name in the **Role name** box, an optional role description in the **Role description** box, and then choose **Create role**.
7. Under **Role name**, select the name of your new role.
8. On the **Add tags (optional)** page, add any custom tags, then choose **Next: Review**.
9. On the **Summary** page, save your role ARN. You must have the role ARN for the following tasks:
 - i. [Register your application](#).
 - ii. [Add an AWS Security Token Service policy to your IAM user](#).

Complete this process according to Amazon's direction.

V. Add an AWS Security Token Service (AWS STS) policy to your IAM user

Adding an [AWS Security Token Service \(AWS STS\)](#) policy to your IAM use allows you to request temporary AWS access keys that you can use to authenticate your requests to the Selling Partner API. These credentials expire after a set period of time, which helps you to control access to your AWS resources.

1. Sign into the AWS Management Console, and then open the IAM console at console.aws.amazon.com/iam.
2. From the left navigation pane, select **Users** and then choose the user that requires the AWS STS policy. In this tutorial, choose the user you created in [Create an IAM user](#).
3. On the **Permissions** tab, choose **Add inline policy**.
4. On the **Create policy** page, choose **Choose a service**.
5. Select the **STS** service.

Tip: Enter **STS** in the search box to narrow your choices.

6. Under **Access Level**, select the arrow next to **Write**.
7. Select **AssumeRole**.
8. Select the arrow next to **Resources**, and then choose **Add ARN**.
9. In the **Add ARN(s)** dialog box, enter the role ARN from [Step 4. Create an IAM role](#), choose **Add**, and then choose **Review policy**.
10. On the **Review policy** page, enter a name for your policy. Review your setting, then choose **Create policy**.

To register your application (for all public applications and private seller applications)

1. Sign into Seller Central using the credentials that you used to [register as a developer](#).
2. In the **Partner Network** menu, click **Develop Apps**.

The **Developer Central** page appears.

3. Click **Add new app client**.

The **App registration** page appears.

4. Complete the form.

Note. If you are registering a public application, a **Sellers** check box and a **Vendors** check box appear after you choose the API type. Select **Sellers**, **Vendors**, or both, depending on the type of selling partner your application is for. The list of roles for which you can apply vary depending on your selection.

VI. Register your application

To register your application (for private vendor applications)

1. Sign into Vendor Central with the credentials that you used to [register as a developer](#).
2. In the **Integration** menu, click **API Integration**.

The **Developer Central** page appears.

3. Click **Add new app client**.

The **App registration** page appears.

4. Complete the form.
5. As part of this registration process, you can apply for a Restricted Data Token (RDT) that authorizes you to retrieve shipping address details as part of the order retrieval process from Amazon. While companies that operate completely within an FBA model do not typically require this information, organizations engaged in FBM activity may find it useful. For more information on applying for and working with RDTs, see [here](#).

Important!

When registering your application, the IAM ARN that you provide must be for the IAM entity to which you attached the IAM policy from [Create an IAM policy](#).

In this workflow, that IAM entity is the IAM role from [Create an IAM role](#).

If you register your application using your IAM user, be sure that the IAM policy is attached to it. Otherwise your calls to the Selling Partner API will fail.

We recommend registering your application using an IAM role, as shown in this workflow, to help you better control access to your AWS resources.

VII. Viewing your application information and credentials

To view your application information and credentials (for private seller applications and for public applications for any type of selling partner)

1. Sign into Seller Central using the credentials that you used to [register as a developer](#).
2. In the **Partner Network** menu, click **Develop Apps**.

The **Developer Central** page displays information about your application(s), including the IAM ARN associated with them.

3. Click **View** under **LWA credentials** for the application you want.

Your LWA client identifier and client secret for that application appear. You will need these credentials to request an LWA access token. For more information, see [Request a Login with Amazon access token](#).

To view your application information and credentials (for private vendor applications)

1. Sign into Vendor Central with the credentials that you used when you [registered as a developer](#).
2. In the **Integration** menu, click **API Integration**.

The **Developer Central** page displays information about your application(s), including the IAM ARN associated with them.

3. Click **View** under **LWA credentials** for the application you want.

Your LWA client identifier and client secret for that application appear. You will need these credentials to request an LWA access token. Complete this process according to Amazon's direction.

Enter Channel Credentials in Business Central

The credentials that you entered in the setup wizard are used to validate requests to send data between Business Central and an external channel environment. Certain API calls are performed against specific sales channel records, and require the presence of credentials at the sales channel record level. In some scenarios, it may be that an organization has multiple sales channels that all use the same credentials. In such a scenario, it is possible to define credentials for one sales channel, then define that channel as the “credentialing sales channel” for other sales channels. When an API call is made against a sales channel, CSM will use the credentials that exist for the channel’s defined credentialing sales channel to validate that API process. In this way, CSM users do not have to maintain access credentials for every sales channel that is set up in Business Central.

Note that the need to share credentials across multiple channels may vary according to your business. Consider the following examples:

- **Scenario 1:** You have a United States presence in 15 states, and have defined a separate sales channel for each state. In this scenario, you may have a single set of credentials that you wish to apply to all 15 channels. In such a scenario, you set up the credentials for your Georgia channel, then make the Georgia channel your credentialing channel for your channels in Florida, Texas, etc. When you process an API activity through your Florida channel, for example, the credentials that have been set up for Georgia will be used.
- **Scenario 2:** You have a North American and a European presence, with a separate sales channel in each region. In this case, you may have two separate sets of credentials for North America versus Europe. In such a scenario, you assign these separate credentials to each of these channels.

The credentials that you entered in the setup wizard are used to validate requests to send data between Business Central and an external channel environment.

Certain API calls are performed against specific sales channel records and require the presence of credentials at the sales channel record level. In some scenarios, it may be that an organization has multiple sales channels that all use the same credentials.

When an API call is made against a sales channel, CSM will use the credentials that exist for the channel’s defined credentialing sales channel to validate that API process.

In this way, CSM users do not have to maintain access credentials for every sales channel that is set up in Business Central.

1. Login to Business Central, once you have completed necessary steps for the [CSM Initial Setup](#) proceed to the **CSM Amazon Setup Wizard**.
2. To do this click **CSM Setup**, in the navigation ribbon click **Actions**> **Amazon Quick Setup**.
3. The CSM Amazon Setup Wizard should appear. From there, for the **Web Service Type** select the **SPAPI**.
4. For the Boolean fields toggle the following to **enabled**:
 - Load CSM Triggers
 - Load Amazon API Data
 - Create Sales Channel

Then click **Next**.

5. For the 2nd window in the CSM Amazon Setup Wizard, this is where you fill in all the credentials saved from the obtaining Amazon credential video segment.
6. The following credentials that have been provided:
 - Amazon Access Key ID
 - Amazon Secret Key
 - Amazon Client ID
 - Amazon Client Key
 - Amazon Role ARN
 - Amazon Role ARN Version
 - Amazon Seller ID
 - Amazon Marketplace ID
 - Amazon Refresh Token
 - AWS Region

Once all the fields listed above are filled in click **Next**.

7. For the 3rd window in the CSM Amazon Setup Wizard, this is where you establish the Sales Channel Information in Business Central. Then click **Next**.
8. To verify that the **Sales Channel Code** that was created is correct, you view this on the main page.
9. To verify that all credential fields are correct you can view this by searching **API Credentials**.
10. If you run into an issue of having the old credentials still appear in Business Central, then you can simply copy & paste the current credentials established in previous steps. This can be done within the **API Credentials** card under **AWS Signature**.

Working with Restricted Data Tokens

To protect its customers' Personal Identifiable Information (PII), Amazon will not by default include shipping address information as part of an API call response. In order to retrieve this information, special authorization in the form of a Restricted Data Token (RDT) must be present.

The determination as to whether your organization requires an RDT depends on your fulfillment relationship with Amazon. If your sole fulfillment method with Amazon is FBA, these details are probably not relevant. If you operate under an FBM model, however, it is necessary for you to have this information, and an RDT could be desirable.

To obtain an RDT:

1. Log in into your Amazon Seller Central account.
2. Open the menu of account options, choose the **Apps and Services** group, then choose the **Develop Apps** option.
3. On the **Developer Central** page, locate the app you have set up for integration to Business Central, then choose the **Edit App** action.
4. In the list of available roles, choose the role for **Direct-to-Consumer Shipping** (you can also choose the roles for **Tax Remittance** and **Tax Invoicing**, although CSM does not support any corresponding functionality for these areas).
5. The app registration page will expand and require you to fill out a number of questions regarding the manner in which your organization treats data and keeps it secure.
6. When you are done answering these questions, you can save the app.

The application for an RDT will automatically be submitted to Amazon support, where it will be reviewed. Response time for this request can be as long as two weeks.


***Note:** if you are unable to acquire an RDT with Amazon, it is still possible to obtain shipping address information for the sales orders you retrieve into Business Central. From within Seller Central, it is possible to request and download a report of unshipped orders. This report can then be imported into Business Central. For more information on this process, see [here](#).*

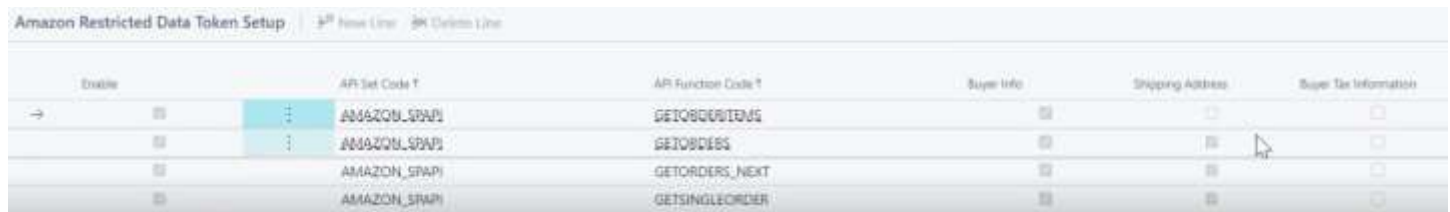
If you do obtain an RDT, there is an additional value you must provide as part of your API credentials in Business Central:

- **App ID:** the ID of the app that was set up for Business Central integration in Amazon Developer Central. You can obtain this information from the **Developer Central** page in Amazon. The format of the app ID will be `amzn1.sp.solution.[xxx]`, where `[xxx]` is a unique number that has been assigned to your application.

You can either enter the app ID in the CSM Amazon Setup Wizard as part of the initial sales channel creation process, or manually add it on the **CSM Amazon** FastTab of the **API Credentials** page that you have set up for your Amazon sales channels in Business Central. CSM for Amazon requires the setup of multiple API credential lines; it is only necessary to assign the app ID to the first, "global," record (identified as having a blank API function code).

In addition to supplying an app ID as part of your Amazon API credentials, it is also necessary to enable your RDT on your Amazon sales channels:


1. Choose the , enter **CSM Sales Channels**, and then choose the related link.
2. Open the sales channel record for which you want to enable your RDT.
3. Within the **Amazon Seller and API Data** FastTab, there is an **Amazon Restricted Data Token Setup** section. This area is automatically populated with lines for the different API functions that involve the RDT.
4. On each line, place check marks in the **Enable** field.
5. For each API function, place check marks in the **Buyer Info**, **Shipping Address**, and **Buyer Tax Information** fields to indicate which types of information you want the RDT to retrieve as part of API calls made with that function. The default setup is recommended:



Enable	API Set Code T	API Function Code T	Buyer Info	Shipping Address	Buyer Tax Information
<input type="checkbox"/>	AMAZON_SPAPI	GETORDERITEMS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	AMAZON_SPAPI	GETORDERS	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	AMAZON_SPAPI	GETORDERS_NEXT	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	AMAZON_SPAPI	GETSINGLEORDER	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Note: CSM will attempt to include the selected information types as part of API calls to Amazon. If you choose an information type to which you have not been granted RDT access by Amazon, your API calls will fail. For example, if you did not obtain access to buyer tax information and you enabled these values, your API calls to Amazon would be unsuccessful.


The first time that an API call is made for one of these functions, CSM will store these enabled information types so that they may be used for future API calls. If at any point you want to change the enabled information types for one of these functions, it is necessary to delete the existing configuration:

1. Choose the , enter **API Shared Sessions**, and then choose the related link.
2. Open the shared session for your Amazon APIs.
3. On the **Restricted Data Tokens** FastTab, choose the line for all orders retrieval (it will have a path of `/orders/v0/orders`).
4. Choose the **Delete Line** action.

The next time you execute the relevant API function(s) a new Restricted Data Token line will be created on the shared session. The data elements for this line will reflect any changes you have made on the sales channel.

Verify Channel Connectivity and Retrieve Your First Channel Orders

At this point in time, if your host name and credentials are valid, you should be able to conduct a small communication test. After returning to the role center, select the new Sales Channel the setup wizard created.

1. Choose the , enter **CSM Sales Channels**, and then choose the related link.
2. Open the sales channel record for which you want to test communications.
3. Choose the **API** ribbon, then choose the **Test Channel Communication** action.

CSM will notify you if the test communication was successful or failed.


If your communication test is successful, you are now able to retrieve orders from Amazon. Each API set for CSM has a series of automation routines that manage different activities, including the retrieval of orders from your external Amazon platform. These automation routines are configured to run at a scheduled frequency, and each one has a last run timestamp that is updated each time the automation routine is run. When a data retrieval process is initiated, Business Central uses an automation routine's scheduled frequency in relation to its last run timestamp to determine whether the routine should be included.

For example, suppose we successfully run our API automation routines at 10/01/21 12:00 PM. The last run timestamp for these automation routines will be updated with this date and time. If our scheduled frequency for these routines is 10 minutes, they would be included as part of the next data retrieval process to run at 10/01/21 12:10 PM or later.

Because the last run timestamp for these automation routines is automatically updated by the application, it is preferable to allow the system to manage these values. However, it is necessary for you to manually enter a desired starting date and time for order retrieval prior to the first time you want to retrieve data from Amazon. This starting date and time should be viewed as the cut-off point for when you want to manage Amazon transactions with CSM in Business Central as opposed to in your external environment.

***Note:** it may be necessary on occasion to manually adjust retrieval dates and times for troubleshooting or re-processing activities. Such changes should be performed by or under the guidance of someone who understands the ramifications of making these adjustments.*

If you have multiple sales channels that share the same API set, you can set the initial starting date and time from any of these channels, and the setting will apply to them all:

1. Choose the  icon, enter **CSM Sales Channels**, and then choose the related link.
2. Open any sales channel record that has the API set for which you want to set a starting date for order retrieval.
6. On the **CSM Sales Channel** page, choose **Related** ribbon, then choose the **Starting Order Date Retrieval** action in the **Setup Actions** menu.
7. On the **CSM User Input** page, enter your desired starting date and time.
8. Choose the **OK** button.

When you have finished specifying starting dates and times for your sales channel, you can retrieve orders into Business Central. From the CSM Administrator Role Center, choose the **Run Order Automation Now** action. The related API automation routines will be run by CSM, and any Amazon orders that fall on or after the API set's defined starting date and time will be retrieved into Business Central as CSM orders.

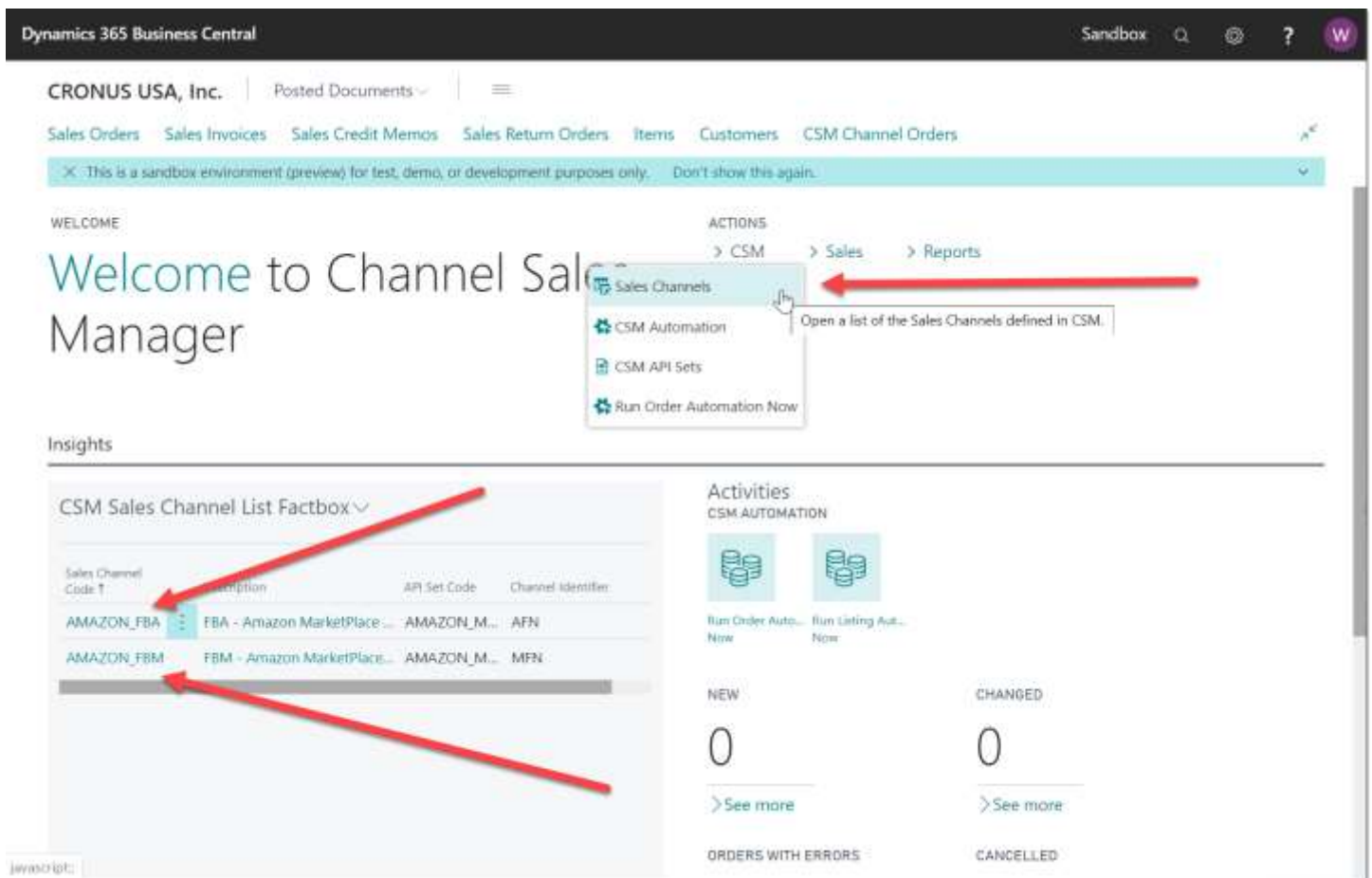
CSM Functional Settings and Cross References

This section will go thru the settings that will customize your CSM experience and cross reference your data in Business Central to like data in Amazon, such as shipping methods, payment types, and customer price groups.

CSM Sales Channel

Sales Channels are the heart of CSM; most user interaction centers around a Sales Channel. Think of a Sales Channel as an e-commerce or marketplace store. By default, CSM for Amazon sets up a Sales Channel for FBA, and another for FBM.

You can open the Sales Channel Card, directly from the CSM Sales Channel List FactBox, or see a list of all CSM Sales Channels from the Actions > Tasks menu.



The screenshot shows the Dynamics 365 Business Central interface for CRONUS USA, Inc. The top navigation bar includes 'Sales Orders', 'Sales Invoices', 'Sales Credit Memos', 'Sales Return Orders', 'Items', 'Customers', and 'CSM Channel Orders'. A warning banner indicates the environment is a sandbox. The main area displays a 'Welcome to Channel Sales Manager' message. The 'ACTIONS' menu is open, showing 'Sales Channels' (highlighted with a red arrow and a tooltip: 'Open a list of the Sales Channels defined in CSM.'), 'CSM Automation', 'CSM API Sets', and 'Run Order Automation Now'. Below the welcome message, the 'Insights' section features a 'CSM Sales Channel List Factbox' with a table of sales channels and an 'Activities' section for 'CSM AUTOMATION'.

Sales Channel Code T	Description	API Set Code	Channel Identifier
AMAZON_FBA	FBA - Amazon MarketPlace...	AMAZON_M...	AFN
AMAZON_FBM	FBM - Amazon MarketPlace...	AMAZON_M...	MFN

If you want to create a new Sales Channel, simply press the + New button on the CSM Sales Channel list screen.

Here is a walk-through of the data on the Sales Channel card that is used by Order Management.

CSM Sales Channel

AMAZON_FBM

Listing
APIs
Actions
Related
Fewer options

General

Code	AMAZON_FBM	Description	FBM - Amazon MarketPlace Ful...
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Order Management

<table style="width: 100%; border-collapse: collapse;"> <tr><td>Inventory Location</td><td style="border: 1px solid #ccc; padding: 2px;">MAIN</td></tr> <tr><td>SO No. Series</td><td style="border: 1px solid #ccc; padding: 2px;">CSM-ORD-FBM</td></tr> <tr><td>Channel Dimension</td><td style="border: 1px solid #ccc; padding: 2px;">SALES</td></tr> <tr><td>Channel Dimension 2</td><td style="border: 1px solid #ccc; padding: 2px;"></td></tr> <tr><td>SO build Codeunit</td><td style="border: 1px solid #ccc; padding: 2px;">70338209</td></tr> </table> <p>Payment</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Payment Behavior</td><td style="border: 1px solid #ccc; padding: 2px;">Channel</td></tr> <tr><td>Payment Method Code</td><td style="border: 1px solid #ccc; padding: 2px;">AMAZON</td></tr> </table> <p>Shipment Behavior</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Send Shipment Infor...</td><td style="text-align: center;"><input checked="" type="checkbox"/></td></tr> <tr><td>Send Shipment When</td><td style="border: 1px solid #ccc; padding: 2px;">Scheduled</td></tr> </table> <p>Invoice Behavior</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Send Invoice Informa...</td><td style="text-align: center;"><input type="checkbox"/></td></tr> <tr><td>Send Invoice When</td><td style="border: 1px solid #ccc; padding: 2px;">Manual</td></tr> </table>	Inventory Location	MAIN	SO No. Series	CSM-ORD-FBM	Channel Dimension	SALES	Channel Dimension 2		SO build Codeunit	70338209	Payment Behavior	Channel	Payment Method Code	AMAZON	Send Shipment Infor...	<input checked="" type="checkbox"/>	Send Shipment When	Scheduled	Send Invoice Informa...	<input type="checkbox"/>	Send Invoice When	Manual	<p>Gift Wrap Charges</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Gift Wrap Behavior</td><td style="border: 1px solid #ccc; padding: 2px;">None</td></tr> <tr><td>Gift Wrap Line Type</td><td style="border: 1px solid #ccc; padding: 2px;">Item</td></tr> <tr><td>Gift Wrap Order Line ...</td><td style="border: 1px solid #ccc; padding: 2px;"></td></tr> </table> <p>Other Charges</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Other Charges Behavi...</td><td style="border: 1px solid #ccc; padding: 2px;">None</td></tr> <tr><td>Other Charges Order ...</td><td style="border: 1px solid #ccc; padding: 2px;">Item</td></tr> <tr><td>Other Charges Order ...</td><td style="border: 1px solid #ccc; padding: 2px;"></td></tr> </table> <p>Sales Tax</p> <table style="width: 100%; border-collapse: collapse;"> <tr><td>Sales Tax Behaviour</td><td style="border: 1px solid #ccc; padding: 2px;">Line</td></tr> <tr><td>MTC Sales Tax Order ...</td><td style="border: 1px solid #ccc; padding: 2px;">G/L Account</td></tr> <tr><td>MTC Sales Tax Order ...</td><td style="border: 1px solid #ccc; padding: 2px;">22710</td></tr> <tr><td>TCS Sales Tax Order L...</td><td style="border: 1px solid #ccc; padding: 2px;">G/L Account</td></tr> <tr><td>TCS Sales Tax Order L...</td><td style="border: 1px solid #ccc; padding: 2px;">22720</td></tr> </table>	Gift Wrap Behavior	None	Gift Wrap Line Type	Item	Gift Wrap Order Line ...		Other Charges Behavi...	None	Other Charges Order ...	Item	Other Charges Order ...		Sales Tax Behaviour	Line	MTC Sales Tax Order ...	G/L Account	MTC Sales Tax Order ...	22710	TCS Sales Tax Order L...	G/L Account	TCS Sales Tax Order L...	22720
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General FastTab

Field	Description	Example Value
Code	This is unique code that identifies the Sales Channel. It can be any value you wish, but we recommend naming it something meaningful that describes the Sales Channel.	AMAZON_FBM
Description	This is a text description of the Sales Channel.	Amazon Retail Store (B2C) FBM - Amazon MarketPlace Fulfilled by Merchant

Order Management FastTab

Field	Description	Example Value
Inventory Location	The NAV inventory location that supplies this store. NAV Sales Orders Created for this Sales Channel will specify this inventory location. Listing Management will also use this value in its inventory availability calculation. For the Amazon FBA Location, you have probably setup an Inventory Location to represent what inventory is located in Amazon Warehouses.	BLUE
SO No. Series	The No. Series that should be used for Sales Order Number when build NAV Sales Orders for this Sales Channel.	CSM-ORD-FBM
Channel Dimension	If populated, this NAV Financial Dimension will be set on all NAV Sales Orders created from this Sales Channel. Primary Dimension 1.	SALES
Channel Dimension 2	If populated, this NAV Financial Dimension will be set on all NAV Sales Orders created from this Sales Channel. Primary Dimension 2.	
SO Build Codeunit	The Object number of the Codeunit that should create NAV Sales Orders. By default, this should be 70338209 which is the supplied CSM functionality to build Sales Orders. You can however customize the functionality by creating a new Codeunit and specifying its number here. It is recommended that you keep the default value.	70338209
External Document No. Format	<p>Enter the syntax you wish to use for assigning external document numbers to orders (such as sales and sales return orders) that are generated from this channel's CSM orders. You can assign one or more fields from the CSM Order Header table as the source value(s) for external document numbers. Note that while fields such as text and code type fields will be acceptable, others such as options/enumerations, dates, and Booleans, will not.</p> <p>Each field must be entered according to its field (not caption) name and enclosed in < > brackets. For example, if you wanted to use the value from the CSM order's Order ID field as the external document number on related sales orders, you would enter <Order ID> in this field. Any characters you enter in this field that are not enclosed in < > brackets will be treated as static values. This can be useful if you want to use multiple fields as the basis of an external document number, as you can include something like a hyphen as a delimiter. For example, an entry of <Sales Channel Code>-<Order ID> would indicate that the external document number will be comprised of a CSM order's sales</p>	<Sales Channel Code>-<Order ID>

	<p>channel code and order ID, separated by a hyphen. In a scenario where the values that comprise an external document number exceed the character limitations of the field on the sales document, CSM will truncate the value based on the field's maximum character length.</p> <p>If you leave this field blank, CSM will not assign any external document numbers to orders created for the channel.</p> <p>Note: you may need to choose the Show More action on the Order Management FastTab in order to see this field.</p>	
Start Processing Date Time	<p>It is possible to configure the channel order retrieval automation routine to automatically create an associated Business Central sales order as part of the retrieval activity. If you want to set a cut-off date and time as to when this sales order creation is performed against channel orders, you may do so in this field. Retrieved channel orders that fall before this date will be assigned a status of complete and become ineligible for further activity. Channel orders that fall on or after the channel's start processing date and time will remain open and corresponding Business Central sales orders will be automatically created as part of the order retrieval process. Leaving this field blank will instruct CSM to create sales orders for all retrieved channel orders. For more information on the initial retrieval of sales channel orders, see here.</p>	
Payment Behavior	<p>Indicates how this sales channel processes payments. For Amazon Sales Channels, this should be set to Channel. Amazon Sales Channel will use Channel since all Amazon Orders pay the merchant the same way.</p>	Channel
Payment Method Code	<p>The Code of the Business Central Payment Method which should be used. For Payment Behavior: Channel, this will be the Payment method used on all orders. Tip: You should set up a Business Central Payment Method for Amounts Due From Amazon.</p>	AMAZON
Send Shipment Information	<p>Indicates whether CSM should send shipment information to the Channel. For the FBM Sales Channel, you might choose to set this to Yes. For the FBA Sales Channel, you should always select, No.</p>	Yes
Send Shipment When	<p>If CSM is sending Shipment information, this field tells CSM when to send it. Immediate: When the Shipment is posted; Scheduled: Shipment information will be queued and sent by the CSM automation (this assumes that the automation is setup properly to send shipment information); Manual: Shipment information is sent by a user who presses the Send Shipment Information action button on the Channel Order card. We recommend for Amazon that this be set to Scheduled, as Amazon has a limit on the number of messages processed in a period of time. When CSM sends shipment information to Amazon on a Scheduled basis, it gathers shipment information from all orders and sends in one message.</p>	Scheduled
Exclude G/L Account Line on Shipment	<p>Enable this field to instruct CSM to exclude any sales lines for G/L accounts when sending an order's shipment information from Business Central to Amazon. This results in CSM sending less data to Amazon, which can improve performance.</p>	True
Exclude Resource Line on Shipment	<p>Enable this field to instruct CSM to exclude any sales lines for resources when sending an order's shipment information from Business Central to Amazon. This results in CSM sending less data to Amazon, which can improve performance.</p>	True

Send Invoice Information	Indicates whether CSM should send invoice information to the Channel. Always No for All Amazon Sales Channels.	No
Send Invoice When	If CSM is sending Invoice information, this field tells CSM when to send it. Immediate: When the invoice is posted; Scheduled: Invoice information will be queued and sent by the CSM automation (this assumes that the automation is setup properly to send invoice information); Manual: Invoice information is sent by a user who presses the Send Invoice Information action button on the Channel Order card. Set this to Manual for All Amazon Sales Channels.	Manual
Send Invoice Capture	Always Off (or false) for Amazon.	True
Return Order Behavior fields	The Send Return Order Information and Send Return Order When fields exist to support return functionality that has not yet been developed for Amazon, and these fields can be ignored for your Amazon channels.	N/A
Return Receipt Behavior fields	The Send Return Rcpt. Information and Send Return Rcpt. Information When fields exist to support return functionality that has not yet been developed for Amazon, and these fields can be ignored for your Amazon channels.	N/A
Refund Cr. Memo Behavior fields	The Send Refund Cr. Memo and Send Refund Cr. Memo When fields exist to support return functionality that has not yet been developed for Amazon, and these fields can be ignored for your Amazon channels.	N/A
Deny Unbalanced Auto Release	<p>It is possible to configure the channel order retrieval automation routine to automatically create and release an associated Business Central sales order as part of the retrieval activity. If this option is enabled, it will override the automation routine's setup if the channel order and sales order have different order total values. CSM will still generate the sales order, but it will not be released.</p> <p><i>Note: this field has been superseded by CSM's sales operation rules feature and will be removed as part of a later release. If you want to enforce this process, it is recommended you use the sales operation rules feature, instead.</i></p>	
Deny Unbalanced Auto Post	<p>It is possible to configure the channel order retrieval automation routine to automatically create and post an associated Business Central sales order as part of the retrieval activity. If this option is enabled, it will override the automation routine's setup if the channel order and sales order have different order total values. CSM will still generate the sales order, but it will not be posted.</p> <p><i>Note: this field has been superseded by CSM's sales operation rules feature and will be removed as part of a later release. If you want to enforce this process, it is recommended you use the sales operation rules feature, instead.</i></p>	
Address 2 Behavior	Select the method by which address 2 values on Business Central sales orders and customers that are created by CSM are populated. By default, Business Central allows for the definition of address and address 2 values for sales orders and customers. However the CSM orders from which these records are created can retrieve address, address 2, and address 3 values. This is to accommodate eCommerce platforms that allows for three	

	<p>address lines. Due to this discrepancy, it is necessary to indicate how CSM should populate Business Central address 2 fields with retrieved channel data. Options are:</p> <ul style="list-style-type: none"> • <i>Combine CSM Address 2 and 3:</i> CSM will combine a CSM order's address 2 and address 3 values, then assign this combined value as the address 2 for Business Central sales orders and customers. • <i>Use CSM Order Address 2:</i> CSM will assign a CSM order's address 2 value as the address 2 for Business Central sales orders and customers. • <i>Use CSM Order Address 3:</i> CSM will assign a CSM order's address 3 value as the address 2 for Business Central sales orders and customers. 	
Archive After Days	Enter the number of days to retain completed and cancelled CSM Channel Orders before they are moved to the archive. (Example: 2D would keep CSM Channel Orders in the current list for 2 days after being closed or cancelled).	
Auto Channel Order Archive	Use this field to enable and disable automatic archiving for Channel Orders for this Channel.	
Gift Wrap Behavior	This setting tells CSM how it should handle Gift Wrap Charges on orders received from the Channel. If you select None, Gift Wrap Charges will be ignored, use this setting if your Amazon 1.x implementation does not include Gift wrap services. If you select Line, then when CSM creates the NAV Sales Order for an Amazon Order, a Sales Order Line will be added to account for Gift Wrap charge.	
Gift Wrap Line Type	If you choose Line as the Gift Wrap Behavior, this field specifies the Sales Order Line Type which should be used for the Gift Wrap Charge (Revenue from the Customer). The values can be G/L Account, Item, Resource, or Charge (Item).	
Gift Wrap Order Line No.	If you choose Line as the Gift Wrap Behavior, this field specifies the Sales Order Line No. to be used (a value based on the Gift Wrap Line Type chosen).	
Other Charges Behavior	This setting tells CSM how it should handle Other Charges on orders received from the Channel. If you select None, Other Charges will be ignored. If you select Line, then when CSM creates the NAV Sales Order for an Amazon Order, a Sales Order Line will be added to account for Other Charges.	Line
Other Charges Line Type	If you choose Line as the Other Charges Behavior, this field specifies the Sales Order Line Type which should be used for the Other Charges (Revenue from the Customer). The values can be G/L Account, Item, Resource, or Charge (Item).	G/L Account
Other Charges Order Line No.	If you choose Line as the Other Charges Behavior, this field specifies the Sales Order Line No. to be used (a value based on the Other Charges Line Type chosen).	45120
Sales Tax Behavior	<p>Select the method by which calculated sales tax should be handled on sales orders that are created for the channel. Options are:</p> <ul style="list-style-type: none"> • <i>None:</i> Business Central will ignore any sales tax calculations from Amazon. The Tax Liabile field on the sales order will be enabled or disabled according to 	Line

	<p>standard Business Central logic and sales tax will be calculated in the same manner as any other sales document.</p> <ul style="list-style-type: none"> <i>Line</i>: sales tax calculations from Amazon will be applied to sales orders in Business Central. The Tax Liable field will be disabled (preventing Business Central from calculating sales tax) and a separate order line will be created for each tax amount for order-level charges (such as shipping and gift wrapping) that was calculated by Amazon. It is recommended that you select this option so that recorded sales tax amounts are synchronized between your Business Central and Amazon platforms. 	
MTC Sales Tax Order Line Type	If you select the <i>Line</i> option in the Sales Tax Behavior field, indicate the type of account that will be assigned to sales order lines for sales tax collected according to Amazon’s Marketplace Tax Collection (“MTC”) methodology. The sales tax line type can be a G/L account, item, resource, fixed asset, or item charge. Typically a G/L account is used, but you should select whichever option reflects your desired processes. For more information on how CSM processes sales tax according to Amazon’s different tax collection methodologies, see here .	G/L Account
MTC Sales Tax Order Line No.	Select the account (depending on the selected sales tax order line type) that will be assigned to sales order lines for sales tax collected according to Amazon’s Marketplace Tax Collection (“MTC”) methodology.	A contra G/L account
TCS Sales Tax Order Line Type	If you select the <i>Line</i> option in the Sales Tax Behavior field, indicate the type of account that will be assigned to sales order lines for sales tax collected according to Amazon’s Tax Calculation Services (“TCS”) methodology. The sales tax line type can be a G/L account, item, resource, fixed asset, or item charge. Typically a G/L account is used, but you should select whichever option reflects your desired processes. For more information on how CSM processes sales tax according to Amazon’s different tax collection methodologies, see here .	G/L Account
TCS Sales Tax Order Line No.	Select the account (depending on the selected sales tax order line type) that will be assigned to sales order lines for sales tax collected according to Amazon’s Tax Calculation Services (“TCS”) methodology.	A tax liability G/L account
Auto Assign Lot	For Amazon FBA channels, you can enable this field to instruct CSM to automatically assign lot numbers to sales lines for lot tracked items that appear on FBA orders. For more information on how CSM treats lot tracked items for FBA orders, see here .	
Multi-Channel Fulfillment Fields	CSM for Amazon supports Amazon’s multi-channel fulfillment functionality, which allows you to instruct Amazon to use your FBA inventory to fulfill orders that are placed through other eCommerce channels. Refer to the separate documentation on CSM’s FBA inventory management module for more information on how to configure these fields.	

Customers FastTab

Field	Description	Example Value
Customer Template	A valid NAV Customer that CSM should use when dealing with a customer. When Creating customers, CSM will use this customer as a template for the customer’s creation. When Sales Channel is chosen as a behavior or New Customers or Guest Customers, CSM	CSMTEMPLATE

	will create the Sales Order with this customer and adjust the ship to address to the actual customers information.	
New Customer Behavior	Indicates how CSM will treat customers for what CSM determines is a new customer. Valid Choices are: Auto Create, Sales Channel, and Manual. For Amazon customers that have not been defined to CSM (either by setting up the customer as a Sales Channel Customer, or receiving a Amazon Order for the customer), CSM considers them a new customer. If the behavior is set to Auto Create, CSM will automatically create a new NAV customer and associated CSM Channel Customer based on the Customer Template defined above, this will occur when CSM builds the NAV Sales Order from the Channel Order. If the behavior is set to Sales Channel, the CSM will not create a new customer, but will build the sales order to the Customer Template customer defined above and change the billing and ship-to addresses directly on the Sales Order appropriately. If the behavior is set to Manual, CSM will not automatically create a customer, and the Sales Order build process will fail unless a Channel Customer is manually setup and linked to a valid NAV customer.	Auto Create
Guest Customer Behavior	Indicates how CSM will treat customers for what CSM determines is a guest customer. Valid Choices are: Auto Create, Sales Channel, and Manual. Some Amazon Customers setup their account to be Anonymous, in this case, CSM will treat these customers as a guest customer.	Auto Create
Auto Create NAV Contact	Indicates whether CSM will also automatically create a NAV contact for any new customers CSM creates.	Yes
Default Customer Group ID.	Not applicable for Amazon Sales Channels.	
New Customer No. Series	Indicates which No. Series should be used when CSM automatically creates a new NAV customer.	CSM-CUST

Amazon Seller and API Data FastTab

Field	Description	Example Value
Credentialing Sales Channel	Enter the sales channel whose API credential settings will be used for API activities. If this value is left blank, the channel's assigned credentials will be used for its own API calls. For more information on credentialing, see here .	
Amazon Seller ID	This is your Amazon merchant token. If the sales channel was created through the setup wizard, this value will be copied from the entry that was recorded during setup.	
Amazon Marketplace ID	This is the marketplace ID for your Amazon storefront. If the sales channel was created through the setup wizard, this value will be copied from the entry that was recorded during setup. If you have multiple Amazon marketplaces and want to create a sales channel for each one, this value will be unique from channel to channel.	
Fulfillment Network	<p>The value in this field identifies the Amazon fulfillment method by which channel orders are processed. You must assign one of the following values:</p> <ul style="list-style-type: none"> • Amazon FBM: MFN • Amazon FBA: AFN. <p>These values are specific to the Amazon fulfillment process; do not assign any other codes or values in this field. When CSM retrieves orders, it compares the fulfillment</p>	AFN or MFN


	values supplied by Amazon to the sale channel's fulfillment value; if these values are not identical, the order retrieval process will error.	
API Set Code	Identifies the API Set code that should be used for API communication with Amazon. This should be the value that you used to setup the Amazon API Set in the CSM API Sets section earlier in this document.	AMAZON_SPAPI
API User ID / API User Password	Certain API calls are made against specific sales channel records. CSM will use the user ID and password that are assigned to a specific store when calls are made against that store. In scenarios where the same user ID and password apply to multiple stores, the credentialing sales channel functionality can be used.	

CSM Shipping Methods

Most eCommerce platforms contain some sort of way to identify the manner by which products are shipped or delivered to customers. The terminology for these records varies from platform to platform, but within CSM these categorizations are referred to as "CSM shipping methods." CSM shipping carriers are set up to correspond to existing Business Central shipping agent codes.

CSM shipping methods correspond to "shipping method" records in Amazon. Amazon uses this record type to represent general delivery scenarios, such as free economy shipping and standard shipping. Each shipping method scenario is fulfilled according to a default carrier. For example, both Next Day and Second Day shipping are typically supported by Amazon as a carrier. Amazon supports a number of standard delivery methods, and it is not possible for Amazon users to manually set up new records.

It is recommended that you use CSM shipping methods to link your Business Central shipping agent codes and your Amazon delivery methods. When shipping information is sent between your Business Central and Amazon environments, this association will ensure that the proper order information is maintained in both platforms. You can automatically load new CSM shipping method records that are based on Amazon's default records:

1. Choose the  icon, enter **CSM Sales Channels**, and then choose the related link.
2. Open the CSM sales channel record for which you want to import shipping methods.
3. Choose the **Related** ribbon, then select the **Setup** menu and choose the **Shipping Methods** action.
4. In the **CSM Shipping Methods** window, choose the **Actions** ribbon, then choose the **Retrieve Shipping Methods** action.

CSM creates new CSM shipping method records based on the default methods that are supported by Amazon. It will then assign a Business Central shipping agent code based on the default carrier that Amazon uses for the relevant shipping method. If CSM is able to identify a Business Central shipping agent code that is identical to default carrier, it will automatically link these records by assigning the value in the **Shipping Agent Code** field. If CSM cannot identify a shipping agent code that matches the expected default, a new shipping agent code will be created and assigned to the CSM shipping carrier line.

Note: the functionality to load CSM shipping methods does not extend beyond the default methods that are supported by Amazon.

5. If you want to post a shipping method's shipping charges to a Business Central account, use the **Shipping Order Charge Type** and **Shipping Order Change No.** fields to identify the account to which charges will be recorded.

Note: A change was introduced in release 2.2 of CSM for Amazon that changes the channel order field to which shipping methods are mapped. If you have upgraded your CSM for Amazon application to version 2.2 or higher, you must manually change this mapping in the relevant API functions. The API functions you must update are dependent on your API set:

4. SP-API: From the GETORDERS function, locate the existing mapping to table 70338221, field 200 (Ship Service Level) and update this field number to 205 (Channel Shipping Method).
5. MWS: From the LISTORDERS function, locate the existing mapping to table 70338221, field 200 (Ship Service Level) and update this field number to 205 (Channel Shipping Method). Repeat this process for the LISTORDERSBYTOKEN function.

CSM Payment Methods

Since we set the Payment Method Behavior to Channel. No CSM Payment Methods are required for Amazon Sales Channels.

CSM Shipping Carriers

Most eCommerce platforms contain some sort of way to identify the carriers that deliver product shipments to customers. The terminology for these records varies from platform to platform, but within CSM these categorizations are referred to as "CSM shipping carriers." CSM shipping carriers are set up to correspond to existing Business Central shipping agent codes.


CSM shipping carriers correspond to "carrier" records in Amazon. Amazon uses this record type to represent the following common carriers:

- Amazon
- DHL
- FedEx
- UPS
- USPS

In addition to these common carriers, Amazon supports a number of other carriers that are popular in different areas of the world.

Supported carriers are determined by Amazon and not subject to expansion or change; it is not possible for Amazon users to manually set up new records.

It is recommended that you use CSM shipping carriers to link your Business Central shipping agent codes and your Amazon carriers. When shipping information is sent between your Business Central and Amazon environments, this association will ensure that the proper order information is maintained in both platforms. You can automatically load new CSM shipping carrier records that are based on Amazon's default records:

1. Choose the  icon, enter **CSM Sales Channels**, and then choose the related link.
2. Open the CSM sales channel record for which you want to import shipping carriers.
3. Choose the **Related** ribbon, then select the **Setup** menu and choose the **Shipping Carriers** action.
4. In the **CSM Shipping Carriers** window, choose the **Actions** ribbon, then choose the **Retrieve Shipping Carriers** action.

CSM creates new CSM shipping carrier records based on the default carriers that are supported by Amazon. If CSM is able to identify a Business Central shipping agent code that is identical to a CSM shipping carrier record's external ID, it will automatically link these records by assigning the value in the **Shipping Agent Code** field. If CSM cannot identify a shipping agent code that matches a CSM shipping carrier's external ID, a new shipping agent code will be created and assigned to the CSM shipping carrier line.

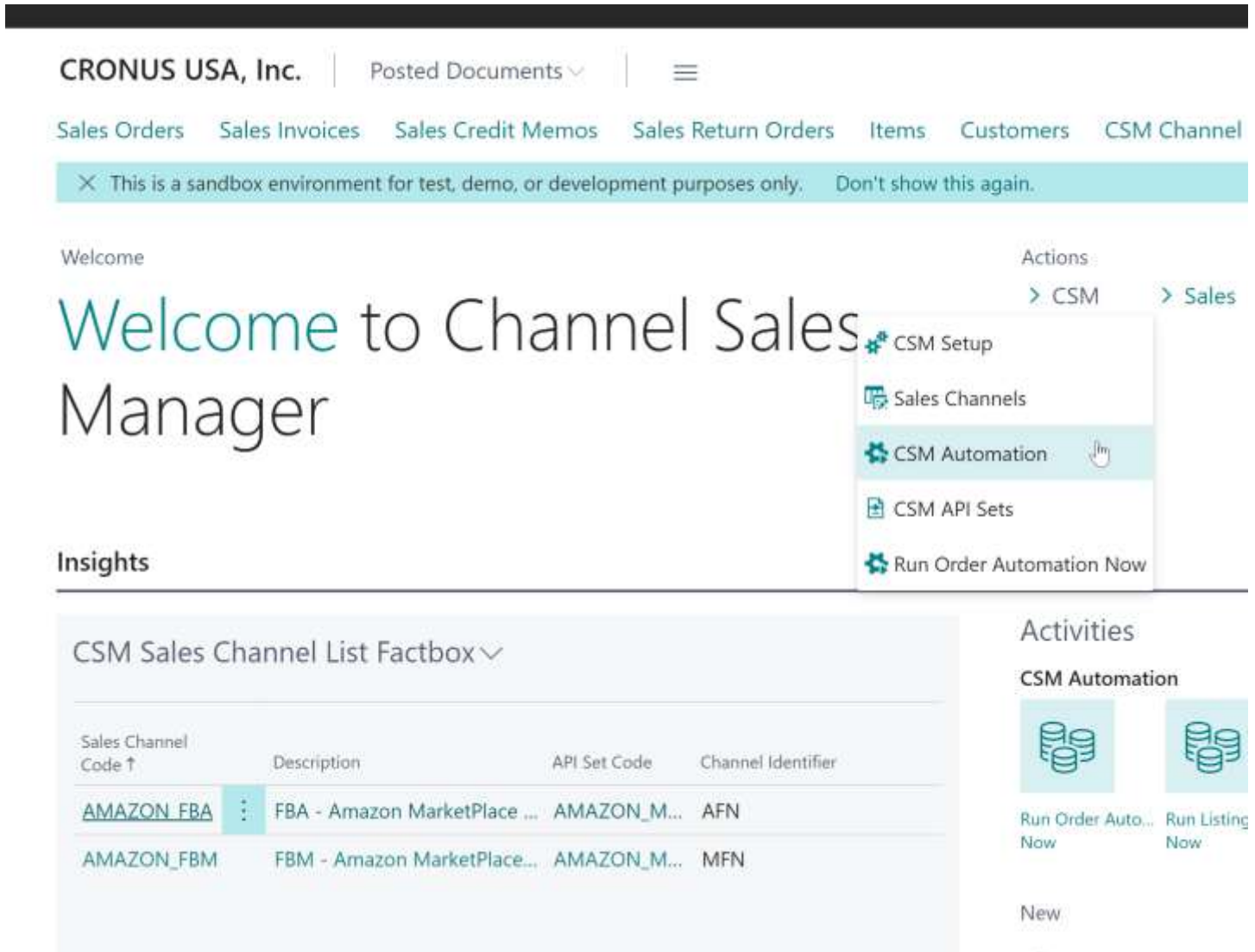
Note: *the functionality to load CSM shipping carriers does not extend beyond the default carriers that are supported by Amazon.*

BC Order Status Matrix

The BC order status Matrix is data that CSM uses to determine a Channel BC order status based on information received from Amazon. This data is pre-loaded. Please change these status values carefully to ensure CSM integrity when assigning a status to a Channel Order.

CSM Automation List

The Automation List allows for tasks to be run in batch and on a schedule and can be found in the Role Center tasks.



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Sales Orders | Sales Invoices | Sales Credit Memos | Sales Return Orders | Items | Customers | CSM Channel

✕ This is a sandbox environment for test, demo, or development purposes only. Don't show this again.

Welcome

Welcome to Channel Sales Manager

Actions
> CSM > Sales

- CSM Setup
- Sales Channels
- CSM Automation**
- CSM API Sets
- Run Order Automation Now

Insights

CSM Sales Channel List Factbox ▾

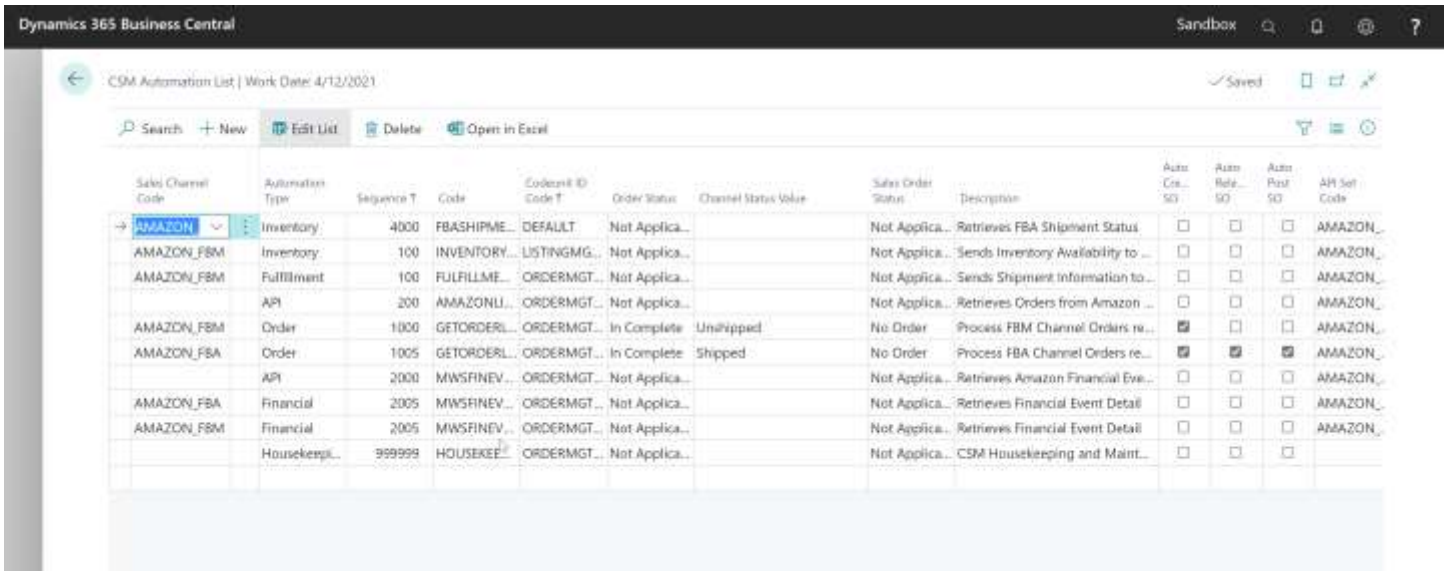
Sales Channel Code ↑	Description	API Set Code	Channel Identifier
AMAZON_FBA	FBA - Amazon MarketPlace ...	AMAZON_M...	AFN
AMAZON_FBM	FBM - Amazon MarketPlace...	AMAZON_M...	MFN

Activities

CSM Automation

- Run Order Auto... Now
- Run Listing Now

New



Sales Channel Code	Automation Type	Sequence T	Code	Codeunit ID Code T	Order Status	Channel Status Value	Sales Order Status	Description	Auto Cos. SO	Auto Rate SO	Auto Post SO	API Set Code
AMAZON	Inventory	4000	FBASHIPME	DEFAULT	Not Applica...		Not Applica...	Retrieves FBA Shipment Status	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
AMAZON_FBM	Inventory	100	INVENTORY...	LISTINGMG...	Not Applica...		Not Applica...	Sends Inventory Availability to ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
AMAZON_FBM	Fulfillment	100	FULFILLME...	ORDERMGT...	Not Applica...		Not Applica...	Sends Shipment Information to...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
AMAZON_FBM	API	200	AMAZONLI...	ORDERMGT...	Not Applica...		Not Applica...	Retrieves Orders from Amazon ...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
AMAZON_FBA	Order	1000	GETORDERL...	ORDERMGT...	In Complete	Unshipped	No Order	Process FBM Channel Orders re...	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
AMAZON_FBA	Order	1005	GETORDERL...	ORDERMGT...	In Complete	Shipped	No Order	Process FBA Channel Orders re...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	AMAZON_
AMAZON_FBA	API	2000	MWSFINEV...	ORDERMGT...	Not Applica...		Not Applica...	Retrieves Amazon Financial Eve...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
AMAZON_FBA	Financial	2005	MWSFINEV...	ORDERMGT...	Not Applica...		Not Applica...	Retrieves Financial Event Detail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
AMAZON_FBM	Financial	2005	MWSFINEV...	ORDERMGT...	Not Applica...		Not Applica...	Retrieves Financial Event Detail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AMAZON_
	Housekeepi...	999999	HOUSEKEE...	ORDERMGT...	Not Applica...		Not Applica...	CSM Housekeeping and Maint...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

CSM includes two out-of-the box automation codeunits. The current versions of these codeunits support the creation of [multiple job queues](#) for CSM activities, but the older or “legacy” versions of these codeunits can still be used to execute automation routines. These codeunits are configured to execute against a particular codeunit ID code. When a codeunit is run, any CSM automation routines that share the relevant codeunit ID code will be executed. The out-of-the-box codeunits are configured to execute against default codeunit ID code values:

Automation Routine Type	Codeunit (Current)	Codeunit (Legacy)	Default Codeunit ID Code
Order Management	70338218	70338206	ORDERMGTDEFAULT
Listing Management	70338219	70338208	LISTINGMGTDEFAULT

Using the above table to illustrate, running codeunit 70338218 will by default execute any automation routines that have an assigned default codeunit ID code of *ORDERMGTDEFAULT*.

These default codeunit ID code values are assigned to all of the automation routines that are loaded as part of your *CSM for Amazon* solution, so this functionality will work for you out-of-the-box. It is possible to change these codes on some or all of the automation routines, then set up separate job queue entries for each code. In this way, you can configure the execution of automation routines to occur according to different schedules. This is typically not necessary, but there are some scenarios such as high-volume environments where scheduling different groups of automation routines to run separately can improve performance.

The order in which automation routine are executed is determined by their assigned sequence values. By default, the *CSM for Amazon* automation routines are sequenced according to Amazon’s processes:

- a. Initial general sequence codes – 100’s range.
- b. Order retrieval sequence codes – 1000’s range.
- c. Financial data communication sequence codes – 2000’s range.

- d. Inventory sequence codes – 4000’s range (this line is described and used on FBA Inventory Management document).
- e. Housekeeping – 9000’s range.

First note the column for sequence, this determines the order of processing of the tasks.

Fulfillment Automation Tasks

The first automation task addresses the sending of shipping information to Amazon for FBM orders.

Send Shipment Information:

If in the Sales Channel, you turned **Send Shipment Information** switch to **on** and set the **Send Shipment When** to **Scheduled**, when this task is selected to run, all pending Shipment information will be sent to Amazon. If you selected Immediate, and an exception in the process prevented the communication from immediately completing (i.e. internet was down), the Automation Task will try again to send the information. If you selected Manual, this task will not send any Shipment information automatically.

Here is a field-by-field listing of the values necessary for the Automation to send Invoice Information.

Automation Task – Send Shipment Information to Amazon		
Field	Description	Example Value
Sales Channel	The Sales Channel for which Shipping Information should be sent.	AMAZON_FBM
Automation Type	Should always be Fulfillment.	Fulfillment
Sequence	The Sequence in the Automation run that Shipping Information should be sent. It is best to have Shipping information be the first task executed.	100
Code	The code the Automation uses to know what to do. For Amazon should always be set to FULFILLMENTFEED	FULFILLMENTFEED
Codeunit ID Code	When CSM automation codeunits are run, they can be configured to execute automation routines that share a particular codeunit. By default, all CSM automation routines share the same automation codeunit ID, but you can modify this value if you want to run different groups of automation routines via separate job queues .	ORDERMGTDEFAULT
BC order status	This value is Not Applicable for Send Shipment information to Amazon.	Not Applicable
Channel Status Value	This value is Not Applicable for Send Shipment information to Amazon.	Not Applicable
NAV BC order status	This value is Not Applicable for Send Shipment information to Amazon.	Not Applicable
Description	A description of the entry.	Sends Shipment Information to Amazon
Auto Create SO	This value is Not Applicable for Send Shipment information to Amazon.	Not Checked
Auto Release SO	This value is Not Applicable for Send Shipment information to Amazon.	Not Checked

Automation Task – Send Shipment Information to Amazon		
Auto Post SO	This value is Not Applicable for Send Shipment information to Amazon.	Not Checked
API Set Code	This value should be the API Set the Sales Channel uses	AMAZON_SPAPI
API Function Code	This value is Not Applicable for Send Shipment information to Amazon.	
Next Automation Code	This value is Not Applicable for Send Shipment information to Amazon.	
Scheduled	Should be checked (true) if you want this task to be processed when the Order Automation runs.	Checked (true)
Scheduled Frequency	A duration value indicating how often this task should run.	15 Minutes
Last Run Timestamp	This will be Automatically set when the task executes to the Date Time of its last execution, as an initial value, you should set this to a lower value than the current date and time.	1/1/2019 12:00 AM

API Automation Tasks

The API Automation Tasks are those that run at the API Set level and are not tied to a specific Sales Channel that uses the API Set. For example, the Amazon API Functions to retrieve Channel Orders are setup to receive all orders associated with the API Set, not just orders for a specific sales channel (store / fulfillment method).

API Amazon List Orders:

This task will automatically retrieve any orders from Amazon that are new or have changed since the last time CSM retrieved orders. Initially, the date that **CSM uses to determine whether the orders are new or have changed is set by the Sales Channel Setup Actions function: Starting Order Retrieval Date**. Note that this API task **only retrieves summary** information regarding the order. Order lines and **other order information is performed by** the next automation task described: **Get Order Lines**

Here is a field-by-field listing of the values necessary for the Automation to retrieve the Amazon Order List.

Automation Task – Retrieve Amazon Orders		
Field	Description	Example Value
Sales Channel	This should be blank for Amazon, CSM uses the API Set to download all Amazon Orders for all sales channels tied to the API Set (Both FBA and FBM).	
Automation Type	Should always be API.	API
Sequence	The Sequence in the Automation run that Order List information is retrieved.	200
Code	This value is for your reference since the Automation Task uses the API Set Code and the API Set Function Code to determine what to do.	AMAZONLISTORDERS

Automation Task – Retrieve Amazon Orders

Codeunit ID Code	When CSM automation codeunits are run, they can be configured to execute automation routines that share a particular codeunit. By default, all CSM automation routines share the same automation codeunit ID, but you can modify this value if you want to run different groups of automation routines via separate job queues .	ORDERMGTDEFAULT
BC order status	This value is Not Applicable for the API Sales Order List.	Not Applicable
Channel Status Value	This value is Not Applicable for the API Sales Order List.	
NAV BC order status	This value is Not Applicable for the API Sales Order List.	
Description	A description of the entry.	Retrieves Orders from Amazon
Auto Create SO	This value is Not Applicable for the API Sales Order List.	Not Checked
Auto Release SO	This value is Not Applicable for the API Sales Order List.	Not Checked
Auto Post SO	This value is Not Applicable for the API Sales Order List.	Not Checked
API Set Code	The Amazon API Set to use when executing the Task	AMAZON_SPAPI
API Function Code	The API Function Code to Use when executing the Task. This will almost always be LISTORDERS for Amazon API Sets.	LISTORDERS
Next Automation Code	This value is Not Applicable for the API Sales Order List.	
Scheduled	Should be checked (true) if you want this task to be processed when the Order Automation runs.	Checked (true)
Scheduled Frequency	A duration value indicating how often this task should run.	15 Minutes
Last Run Timestamp	This will be Automatically set when the task executes to the Date Time of its last execution, as an initial value, you should set this to a lower value than the current date and time.	1/1/2019 12:00 AM

Order Automation Tasks

The Order Automation Tasks are those that download additional information regarding the summary orders retrieved by API processing. The Order Automation tasks can then specify additional processing to occur for each valid order. For example, the Order Automation task can create, release and even post a Sales Order.

Get Order Lines Order Automation Task:

This task will automatically retrieve additional order information, including the order lines, for any order that has reached the Channel Status Value specified in the Task. For example, Amazon will set the BC order status of an FBM order to Unshipped, when it is ready for you to ship. For an FBA order, Amazon will set the Channel Status to Shipped once they have shipped the order to the customer.

Here is a field-by-field listing of the values necessary for the Automation to retrieve and process the Get Order Lines Task.

Automation Task – Retrieve Amazon Order Lines		
Field	Description	Example Value
Sales Channel	The Sales Channel for which order line Information should be retrieved and processed.	AMAZON_FBM
Automation Type	Should always be Order.	Order
Sequence	The Sequence in the Automation run that Order Line information is retrieved.	1000
Code	This value is for your reference since the Automation Task uses the API Set Code and the API Set Function Code to determine what to do.	GETORDERLINES
Codeunit ID Code	When CSM automation codeunits are run, they can be configured to execute automation routines that share a particular codeunit. By default, all CSM automation routines share the same automation codeunit ID, but you can modify this value if you want to run different groups of automation routines via separate job queues .	ORDERMGTDDEFAULT
BC order status	The CSM assigned status of the order which should have be reached before processing this task. For Amazon Get Order Lines, this is normally In Complete which designates an order whose summary information has been retrieved but has not yet retrieved the remainder of the order information.	In Complete
Channel Status Value	The Amazon Status of the Order that this Automation task should process. For FBM this is normally Unshipped, for FBA orders, this is normally Shipped.	Unshipped
NAV BC order status	The relationship status between the Channel Order and a Business Central Sales Order, normally this should be set to No Order.	No Order
Description	A description of the entry.	Get Order Lines when this status appears
Auto Create SO	If you wish CSM to automatically create a Business Central Sales Order for the Amazon Order being processed.	Checked
Auto Release SO	If you want CSM to automatically Release the Business Central Sales Order that was automatically created by CSM, check this box.	Checked
Auto Post SO	This would normally only be checked when the shipment of the order is automated. For example, Amazon FBA orders are fulfilled (shipped) by Amazon, so in this case, we want CSM to fully process the completed order (Create Order and Post the Shipment / Invoice). For user free processing of FBA orders, Set this field to On / Checked / True.	Not Checked
API Set Code	The Amazon API Set to use when executing the Task	AMAZON_SPAPI
API Function Code	The API Function Code to Use when executing the Task. This will almost always be LISTORDERITEMS for Amazon API Sets.	LISTORDERITEMS
Next Automation Code	This value is Not Applicable for the API Get Order Lines.	Not applicable

Automation Task – Retrieve Amazon Order Lines		
Scheduled	Should be checked (true) if you want this task to be processed when the Order Automation runs.	Checked (true)
Scheduled Frequency	A duration value indicating how often this task should run.	15 Minutes
Last Run Timestamp	This will be Automatically set when the task executes to the Date Time of its last execution, as an initial value, you should set this to a lower value than the current date and time.	1/1/2019 12:00 AM

API Amazon List Financial Event Groups: (Available with the CSM for Amazon Financial Module)

This task will automatically **retrieve any Financial Event Groups from Amazon that are new or have changed since the last time CSM retrieved Financial Event Groups**. Initially, the date that CSM uses to determine whether the Financial Event Groups are new or have changed is set by the Sales Channel Setup Actions function: Starting Order Retrieval Date. Note that this API task only retrieves summary information regarding the Financial Event Group. Financial Event Transaction Details performed by the next automation task described: Amazon Financial Event Group Transactions.

Here is a field-by-field listing of the values necessary for the Automation to retrieve the Amazon Order List.

Automation Task – Retrieve Amazon Financial Event Groups		
Field	Description	Example Value
Sales Channel	This should be blank for Amazon, CSM uses the API Set to download all Amazon Financial Event Groups for all sales channels tied to the API Set (Both FBA and FBM).	
Automation Type	Should always be API.	API
Sequence	The Sequence in the Automation run that Financial Event Group List information is retrieved.	2000
Code	This value is for your reference since the Automation Task uses the API Set Code and the API Set Function Code to determine what to do.	MWSFINEVENTGROUP
Codeunit ID Code	When CSM automation codeunits are run, they can be configured to execute automation routines that share a particular codeunit. By default, all CSM automation routines share the same automation codeunit ID, but you can modify this value if you want to run different groups of automation routines via separate job queues .	ORDERMGTDEFAULT
BC order status	This value is Not Applicable for the API Financial Event Group List.	Not Applicable
Channel Status Value	This value is Not Applicable for the API Financial Event Group List.	Not Applicable
NAV BC order status	This value is Not Applicable for the API Financial Event Group List.	Not Applicable
Description	A description of the entry.	Retrieves Financial Event Groups from Amazon

Automation Task – Retrieve Amazon Financial Event Groups		
Auto Create SO	This value is Not Applicable for the API Financial Event Group List.	Not Checked
Auto Release SO	This value is Not Applicable for the API Financial Event Group List.	Not Checked
Auto Post SO	This value is Not Applicable for the API Financial Event Group List.	Not Checked
API Set Code	The API Set to use for the API Financial Event Group List.	AMAZON_SPAPI
API Function Code	The API Function Code to Use when executing the Task. This will almost always be LISTFINEVENTGROUP for Amazon API Sets.	LISTFINEVENTGROUP
Next Automation Code	This value is Not Applicable for the API Financial Event Group List.	
Scheduled	Should be checked (true) if you want this task to be processed when the Order Automation runs.	Checked (true)
Scheduled Frequency	A duration value indicating how often this task should run. The Financial Event Information is a heavier API, we recommend running it in off hours	12 Hours
Last Run Timestamp	This will be Automatically set when the task executes to the Date Time of its last execution, as an initial value, you should set this to a lower value than the current date and time.	1/1/2019 6:00 AM

Get Financial Event Transactions Automation Task:

This task will **automatically retrieve the transactions relating to the Financial Event Groups retrieved**. This is a high overhead API and we recommend scheduling it to run in off hours.

Here is a field-by-field listing of the values necessary for the Automation to retrieve and process the Get Financial Event Transactions Task.

Automation Task – Retrieve Amazon Financial Event Transactions		
Field	Description	Example Value
Sales Channel	The Sales Channel for which to default any event transaction that is not associated with an order.	AMAZON_FBA
Automation Type	Should always be Financial.	Financial
Sequence	The Sequence in the Automation run that Order Line information is retrieved.	2005
Code	This value is for your reference since the Automation Task uses the API Set Code and the API Set Function Code to determine what to do.	MWSFINEVENTGROUPT RAN
Codeunit ID Code	When CSM automation codeunits are run, they can be configured to execute automation routines that share a particular codeunit. By default, all CSM automation routines share the same automation codeunit ID, but you can modify this value if you want to run different groups of automation routines via separate job queues .	ORDERMGTDEFAULT

Automation Task – Retrieve Amazon Financial Event Transactions		
BC order status	This value is Not Applicable for the API Financial Event Group Transaction.	
Channel Status Value	This value is Not Applicable for the API Financial Event Group Transaction.	
NAV BC order status	This value is Not Applicable for the API Financial Event Group Transaction.	
Description	A description of the entry.	Retrieves Financial Event Group Transactions from Amazon
Auto Create SO	This value is Not Applicable for the API Financial Event Group Transaction.	Not Checked
Auto Release SO	This value is Not Applicable for the API Financial Event Group Transaction.	Not Checked
Auto Post SO	This value is Not Applicable for the API Financial Event Group Transaction.	Not Checked
API Set Code	The API Set to use for the API Financial Event Group Transaction.	AMAZON_SPAPI
API Function Code	The API Function Code to Use when executing the Task. This will almost always be LISTFINEVENTGROUP for Amazon API Sets.	FINEVENTBYGROUPID
Next Automation Code	This value is Not Applicable for the API Financial Event Group Transaction.	
Scheduled	Should be checked (true) if you want this task to be processed when the Order Automation runs.	Checked (true)
Scheduled Frequency	A duration value indicating how often this task should run. The Financial Event Information is a heavier API, we recommend running it in off hours	12 Hours
Last Run Timestamp	This will be Automatically set when the task executes to the Date Time of its last execution, as an initial value, you should set this to a lower value than the current date and time.	1/1/2019 6:00 AM

Get Inbound Shipments for Receipt

This task will **automatically retrieve the inbound shipment information for receipt.**

Here is a field-by-field listing of the values necessary.

Automation Task – Retrieve Amazon Financial Event Transactions		
Field	Description	Example Value
Sales Channel	The Sales Channel for which to default any event transaction that is not associated with an order.	AMAZON_FBA

Automation Task – Retrieve Amazon Financial Event Transactions

Automation Type	Should always be Inventory.	Inventory
Sequence	The Sequence in the Automation run that Order Line information is retrieved.	4000
Code	This value is for your reference since the Automation Task uses the API Set Code and the API Set Function Code to determine what to do.	UPDATEFBAINBSPSTAT
Codeunit ID Code	When CSM automation codeunits are run, they can be configured to execute automation routines that share a particular codeunit. By default, all CSM automation routines share the same automation codeunit ID, but you can modify this value if you want to run different groups of automation routines via separate job queues .	ORDERMGTDEFAULT
BC order status	This value is Not Applicable for the API Financial Event Group Transaction.	
Channel Status Value	This value is Not Applicable for the API Financial Event Group Transaction.	
NAV BC order status	This value is Not Applicable for the API Financial Event Group Transaction.	
Description	A description of the entry.	Retrieves FBA Shipment Status
Auto Create SO	This value is Not Applicable for the API Financial Event Group Transaction.	Not Checked
Auto Release SO	This value is Not Applicable for the API Financial Event Group Transaction.	Not Checked
Auto Post SO	This value is Not Applicable for the API Financial Event Group Transaction.	Not Checked
API Set Code	The API Set to use for the API Financial Event Group Transaction.	AMAZON_SPAPI
API Function Code	The API Function Code to Use when executing the Task.	
Next Automation Code	This value is Not Applicable for the API Financial Event Group Transaction.	
Scheduled	Should be checked (true) if you want this task to be processed when the Order Automation runs.	Checked (true)
Scheduled Frequency	A duration value indicating how often this task should run. The Financial Event Information is a heavier API, we recommend running it in off hours	1 minute
Last Run Timestamp	This will be Automatically set when the task executes to the Date Time of its last execution, as an initial value, you should set this to a lower value than the current date and time.	10/25/2021 6:35 P

The Housekeeping Automation

In addition to the automation routines that exist for specific eCommerce activities such as order retrieval, sales order creation, and sending of shipment/invoicing information, CSM includes a “housekeeping” automation. This is a channel and platform agnostic routine that performs maintenance activities:

- Deletion of API messages and their related data buffers according to the API message retention period defined on the **CSM Setup** page.
- Archiving of CSM orders according to the [archiving settings](#) that are defined for each sales channel.

It is recommended that you schedule the housekeeping automation to occur at a time of low activity. For example, scheduling the routine to run overnight, outside of working hours, helps to ensure that it can perform its functions without impacting user activity.

It is **strongly** recommended that you ensure the housekeeping automation is executed on a regular basis. Failure to run this automation will result in the related tables growing to an excessive size, until eventually it becomes necessary to purchase additional storage space to maintain them.

The standard manner in which the housekeeping automation operates is to identify all records that require deletion/archiving, then commit this deletion/archiving as a single activity. While this is the most efficient way to perform the process, it is important to note that interruptions to the housekeeping when it is running will roll back whatever progress has been made up until that point. For example, consider a scenario where a large volume of records require deletion and the housekeeping automation runs for five hours as it identifies these records. A sudden interruption or abortion of that process will have effectively undone the previous five hours’ worth of work.

In scenarios where the housekeeping automation is executed on a regular basis and the volume of records it processes is manageable, the issue described above is not a concern, since the routine should finish within a reasonable timeframe. However, in situations where the volume of records has grown to an excessive amount, the standard behavior of the housekeeping automation makes it difficult if not impossible to clean up this data. In such a scenario, it is possible to modify the standard behavior of the housekeeping automation by making an entry in the **Maximum Run Time** field. When this field is left blank, the housekeeping automation will run for as long as it needs to in order to address all relevant records. If this field is populated with a duration, however, the housekeeping automation will run for as long as that specified duration, with each record it encounters being immediately deleted/archived, rather than at the end of the process. In this way, it will take longer to clean up data, but there is no danger of this cleanup being undone or rolled back.

To illustrate how this setting impacts behavior, consider the following scenario. Suppose we have defined a 60 day API message retention period, and we have 30,000 API messages older than 60 days in our database. In this scenario, the housekeeping automation is able to delete 100 messages every minute.

- If we leave the **Maximum Run Time** field blank and execute the housekeeping automation, it will attempt to delete all 30,000 API messages. At 100 messages a minute, it will take 6 hours for this process to finish. The benefit of this process is that if it is able to successfully finish, all relevant records will have been deleted. However, the potential downside is that any disruption will cause all changes up to that point to be rolled back, meaning that all 30,000 API messages will still be present in our database.

- Suppose we instead enter a value of 1 hour in the **Maximum Run Time** field. When we execute the housekeeping automation, it will run for 1 hour. At 100 messages a minute, it will delete at most 6,000 messages. Because it deletes messages one by one, rather than as a single action, any disruptions to the process will not roll back progress up to that point. So if for some reason the housekeeping runs for 10 minutes out of the scheduled hour and is interrupted, the 1,000 API messages it has already run through will remain deleted. The benefit here is that we are definitively able to delete records, with the disadvantage being that it will take more time to fully clean up the data.

Essentially, assigning a maximum run time to the housekeeping automation sacrifices efficiency in favor of slower but guaranteed results.

As stated above, in environments where the housekeeping automation is executed on a regular basis and the volume of records it needs to address at any given time is manageable, the default behavior is preferable. Defining a maximum run time should only occur when the housekeeping automation is unable to finish normally, and it becomes necessary to incrementally reduce the volume of records. In such a scenario, once the volume of records is sufficiently decreased, it is recommended that you remove the maximum run time value and allow the housekeeping automation to resume operating according to its standard behavior.

Configuring Job Queue Entries

While the process of [manually running CSM's automation routines](#) is useful in testing or troubleshooting scenarios, it is not the intended way in which the application should be used. Once you have tested CSM and validated that the automation routines work as desired, you can schedule them to occur on a recurring basis by using standard Business Central job queue functionality. CSM includes the following codeunits that can be assigned to job queue entries:

- 70338218, CSM OrderAutomationJobQueue
- 70338219, CSM ListingAutomationJobQueue

You can also use job queue parameter strings to set a filter based on automation records' codeunit ID codes. When the job queue entry runs, only those automation routines with the relevant codeunit ID code will be executed. The same codeunit ID code is assigned to all out-of-the-box automation routines, regardless of channel:

- Order management automation routines are assigned a codeunit ID code of *ORDERMGTDEFAULT*.
- Listing management automation routines are assigned a codeunit ID code of *LISTINGMGTDEFAULT*.


By default, the CSM job queue entry codeunits will execute against these codeunit IDs. For example, the order management codeunit will by default execute against all automation routines with a codeunit ID code of *ORDERMGTDEFAULT*. However, you can manually change an automation routine's codeunit ID code to a different value, then set up a separate job queue entry with a parameter string filter for this new value. When this job queue entry runs, it will execute only those automation routines that share this parameter.

A common scenario in which this is useful is in high-volume, multi-channel environments. If a single job queue entry is responsible for retrieving orders for all channels, the large volume of records being processed may lead to performance issues. In addition, if a problem with the order retrieval process exists for one channel, this failure will prevent the

retrieval of orders for all other channels. In such a situation, you could assign different codeunit IDs to the automation routines for each channel, then set up separate job queue entries, each with a different codeunit ID assigned as the parameter. In this way, each job queue would execute the automation routines for a separate sales channel, reducing the overall volume of records being processed as part of each activity.

Note: *the buttons on the CSM Administrator Role Center that allow for the execution of order management and listing management automation are hard-coded to the default ORDERMGTDFAULT and LISTINGMGTDFAULT codeunit IDs. If you create additional automation routines with difference codeunit IDs, they will not be included as part of these Role Center actions.*

To create a job queue entry for order management automation:

1. Choose the  icon, enter **Job Queue Entries**, and then choose the related link.
2. Choose the **New** action in the ribbon to create a new job queue entry.
3. In the **Object Type to Run** field, select the *Codeunit* option.
4. In the **Object ID to Run** field, enter *70338218*.
5. If you have assigned different codeunit IDs to your automation routines, enter the one for which you are setting up the job queue entry in the **Parameter String** field.
6. To define the frequency with which the job queue entry will run and other setup values, please follow [standard Business Central practices](#).
7. If you are working with multiple codeunit IDs, repeat steps 1-6 to set up additional job queue entries for each one.

To create job queue entries for listing management automation, follow the same process as described above, but assign codeunit *70338219* in the **Object ID to Run** field.

CSM Sales Operation Rules

CSM makes it possible for you to design a channel order handling process that enforces your business policies and workflows by allowing you to define sales operation rules.

When channel orders are retrieved from an external platform, CSM can be instructed to automatically create sales documents from these records. The application can also be configured to automatically release and post these Business Central documents. By using CSM's sales operation rules, you can establish criteria that will override a channel's standard automation routines. For example, you might want CSM to automatically release sales orders that are created for your Amazon channel, except when an order includes an item or items with insufficient inventory. In this scenario, you can implement a sales operation rule instructing CSM to deny the automatic release of sales orders whose item quantities exceed availability.


Note: *CSM sales operation rules only apply to activities that are performed by CSM. Using the previous example of a rule that would deny the automatic release of sales orders whose item quantities exceed availability, this rule would not prohibit a user from manually releasing such a sales order.*

CSM includes out-of-the-box default rules that address two scenarios:

- **Unbalanced Totals:** a discrepancy exists between the order totals on a channel order and the related Business Central sales document.
- **Insufficient Inventory:** the quantity of an item on a retrieved order exceeds availability.

In addition, this feature is designed to allow for the easy implementation of [custom rules](#) that reflect your particular business processes.

To load the default rules that are included with CSM:

1. Choose the  icon, enter **CSM Setup**, and then choose the related link.
2. Choose the **Related** ribbon, then choose the **CSM Sales Operation Rules** action.
3. In the **CSM Sales Operation Rules** window, choose the **Actions** ribbon, then choose the **Load Default Rules** action.

CSM loads the default sales operation rules that are included with the application. Each rule is assigned a unique rule code that addresses a different combination of scenario, processing action, and Business Central document type. All of CSM's default sales operation rules are configured to deny an order processing action for the assigned document type if the scenario's conditions are met (for example, deny the automatic release of a sales order if any item order quantities have insufficient availability, or deny the automatic posting of a sales order if a discrepancy exists between the order totals on a channel order and the related Business Central sales document).

If you wish to enforce a rule, you must enable it:

4. Choose the CSM sales operation rule you want to enable, then place a check mark in the **Enabled** field.
5. If you have multiple CSM sales channels set up in Business Central and want to enable the sales operation rule for a specific one, enter or use the lookup in the **Sales Channel Code** field to assign the desired channel. If the **Sales Channel Code** field is left blank, the rule will apply to all channels.

Note: *if you want to enable a sales operation rule for more than one (but not all) channels, you must manually create additional CSM sales operation rule lines for each channel.*

The other settings on the CSM sales operation rules lines should not be modified, as they are pre-configured to perform specific activities.

CSM Sales Operation Rule Functions

Each scenario that is addressed by CSM sales operation rules is designed as a separate action processing function. These functions are contained within a codeunit that is identified as a unique "sales operation rule evaluator." CSM's out-of-the-box functionality includes a *CSM Sales Operation Rules Mgt.* rule evaluator that comprises the processing functions for its default scenarios.

Using this structure, it is possible for you to extend the capabilities of CSM sales operation rules to meet your specific business processes by creating custom codeunits with additional functions.

As an example, suppose we added a custom “Approval Code” field to the sales order table, and as part of our company’s workflow, we want to enforce the assignment of an approval code on all sales orders. In this scenario, we could create a new function that instructs CSM to deny processing actions for orders with a blank approval code. This and other functions would be included as part of a new, custom sales operation rule evaluator, which could then be assigned to CSM sales operation rule lines.

The creation of new CSM sales operation rule functions and evaluators does require development activity; if you want to add new sales operation rules to your CSM solution, please consult your CSM partner for assistance.

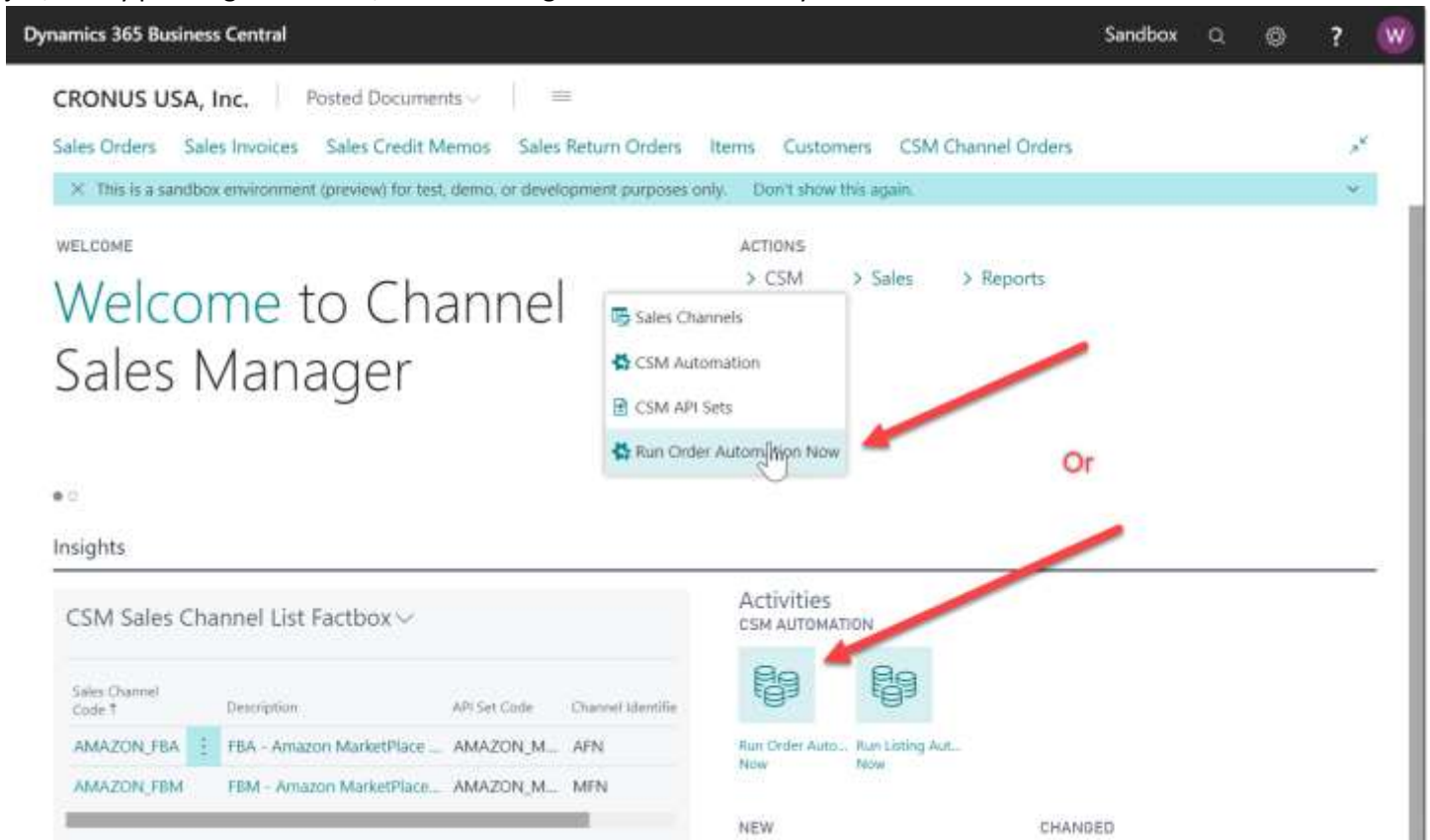
CSM Everyday Operations

This section will cover CSM operations that you will routinely perform.

Running the Automation Manually

Typically, your automation routines will run automatically according to [scheduled job queue entries](#). However, if you need to run the automation manually (such as for testing or troubleshooting), you can do so from the CSM Administrator Role Center.

Return to the CSM Role Center and press Actions > Tasks > Run Order Automation Now (Alternatively, you could press the Run Order Automation Now button in the Activities area of the role center). The automation is normally a scheduled job, but by pressing this button, we are forcing it to run immediately.



The screenshot shows the Dynamics 365 Business Central interface for CRONUS USA, Inc. in a sandbox environment. The navigation pane on the left includes Sales Orders, Sales Invoices, Sales Credit Memos, Sales Return Orders, Items, Customers, and CSM Channel Orders. The main area displays a breadcrumb trail: ACTIONS > CSM > Sales > Reports. A dropdown menu is open under 'Sales', showing options: Sales Channels, CSM Automation, CSM API Sets, and Run Order Automation Now. A red arrow points to 'Run Order Automation Now'. Below this, the 'Activities' section shows 'CSM AUTOMATION' with two buttons: 'Run Order Auto... Now' and 'Run Listing Aut... Now'. Another red arrow points to the 'Run Order Auto... Now' button. A table titled 'CSM Sales Channel List Factbox' is visible on the left, listing sales channels like AMAZON_FBA and AMAZON_FBM.

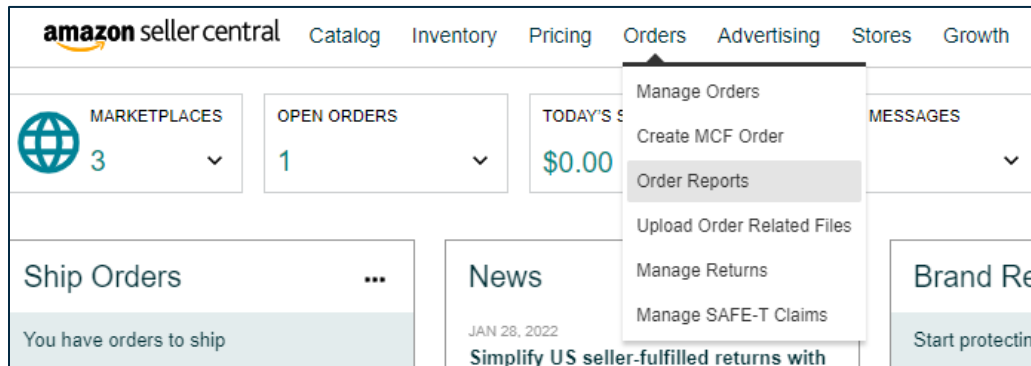
Sales Channel Code	Description	API Set Code	Channel Identify
AMAZON_FBA	FBA - Amazon MarketPlace ...	AMAZON_M...	AFN
AMAZON_FBM	FBM - Amazon MarketPlace...	AMAZON_M...	MFN

This should start a process of downloading orders that were new or have changed since the starting order retrieval date you entered in setting up CSM for Amazon. This first run may execute for a minute or so, since it is also downloading all Amazon Fee detail since that time as well. Normally the automation would just process the current Amazon 14-day fee cycle.

Importing FBM Order Reports


If you are unable to obtain a [Restricted Data Token](#) from Amazon to retrieve shipping address information automatically via CSM, it is necessary to download an order report containing this information from your Amazon Seller Central account, then import this report into Business Central:

1. Log into your Amazon Seller Central account.
2. Choose the **Orders** menu item located along the top of your dashboard, then choose the **Order Reports** option:



3. On the **Order Reports** page, choose the **Unshipped Orders** tab.
4. In the **Request Report** area, choose the **Request** button. This will create a new report line in the **Download Report** area. It may take up to 45 minutes for Amazon to generate the new report.
5. Choose the **Refresh** button in the **Download Report** area to refresh the report line.
6. When the report has been generated, a new **Download** button will be added in the **Download** column. Choose this button to download the report to your machine.

Now that you have an order report, you must import it into Business Central:

7. Choose the  icon, enter **CSM Sales Channels**, and then choose the related link.
8. Open your Amazon FBM sales channel.
9. Choose the **Actions** ribbon, then choose the **Import Order Report** action.
10. In the **Import Buyer Address** window, enable the **Release Orders** field if you want to instruct CSM to release each CSM order's related sales order as part of the import process.
11. In the **File** field, use the AssistButton to open a file directory.
12. Navigate to the location of the order you downloaded in step 6, select it, and then choose the **Open** button.
13. In the **Import Buyer Address** window, choose the **OK** button.

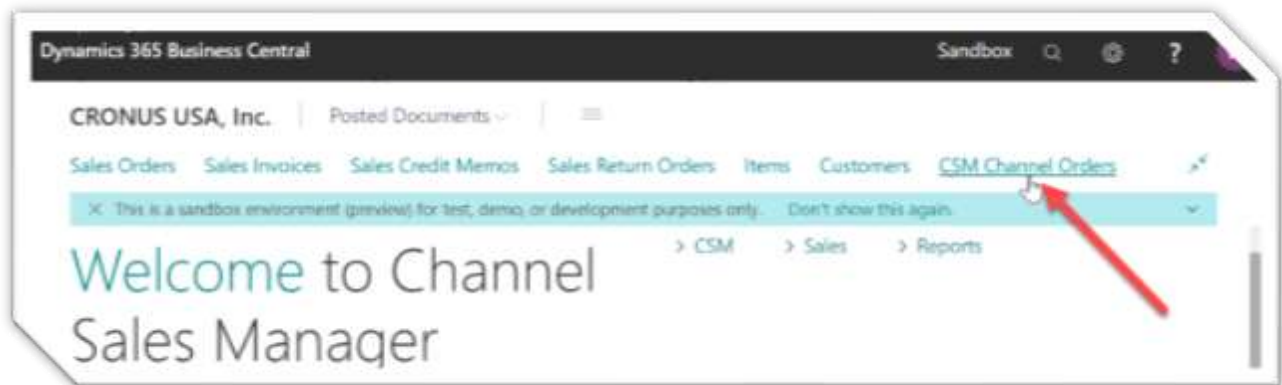
CSM imports the selected file and updates the address information on the relevant CSM orders accordingly. In turn, the related Business Central sales orders are also updated.

Note: the order report file you import must include order IDs for each Amazon order; if the order ID is not present in this file, the import process will fail. While the order ID is the only mandatory value, other values such as the buyer name and address are recommended; if these values are not present in the order report file, CSM will alert you to these missing values and give you an option as to whether you wish to continue with the import process.

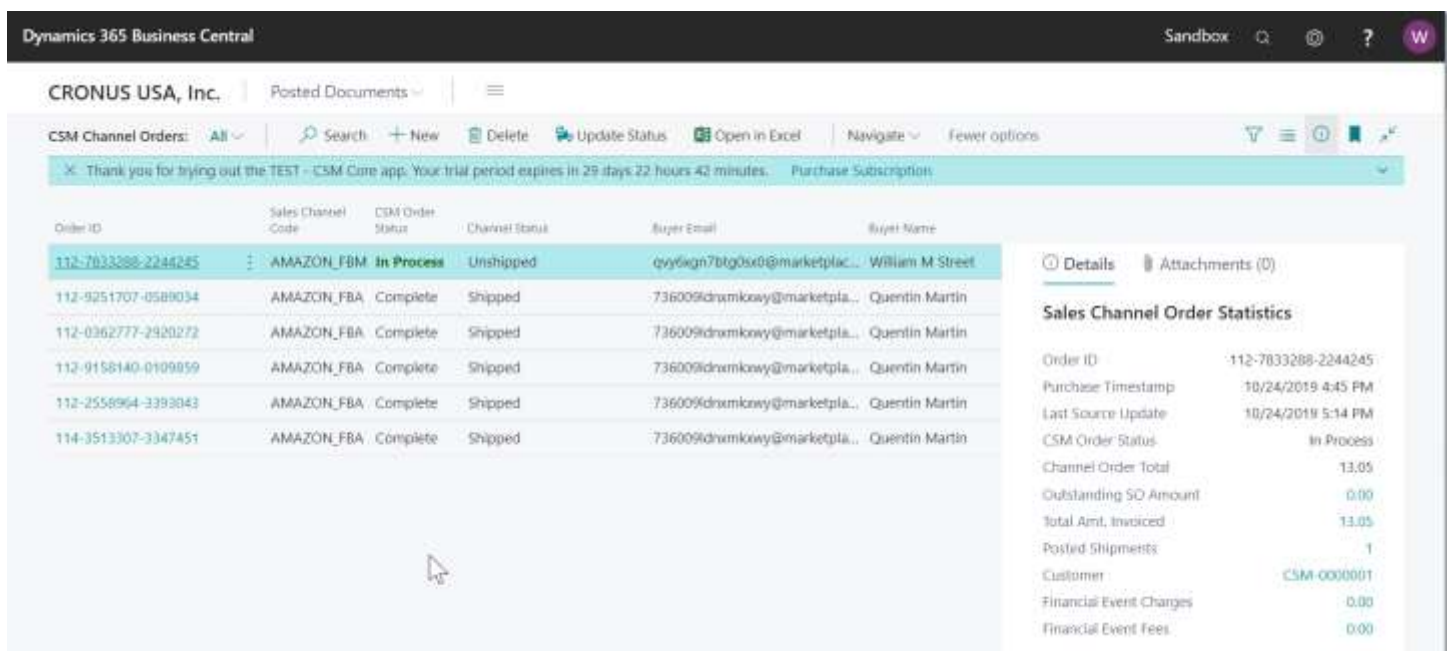
For more information on how to configure and download order reports in the Amazon Seller Central interface, see [here](#).

Viewing Channel Orders

After the Automation runs, you can view the retrieved order information by navigating to CSM Channel Orders.



This will list all Channel Orders with a color-coded status. A CSM Channel Order is the data received from Amazon regarding an order, with some additional information as to the CSM status and links to other Business Central Information.



The screenshot displays the 'CSM Channel Orders' list in Dynamics 365 Business Central. The table below shows the list of orders, and the right-hand panel shows the details for the selected order.

Order ID	Sales Channel Code	CSM Order Status	Channel Status	Buyer Email	Buyer Name
112-7033288-2244245	AMAZON_FBM	In Process	Unshipped	qyy6ign7btg0sx0@marketpla...	William M Street
112-9251707-0589034	AMAZON_FBA	Complete	Shipped	736009ldrxmkoooy@marketpla...	Quentin Martin
112-0362777-2920272	AMAZON_FBA	Complete	Shipped	736009ldrxmkoooy@marketpla...	Quentin Martin
112-9158140-0109859	AMAZON_FBA	Complete	Shipped	736009ldrxmkoooy@marketpla...	Quentin Martin
112-2556964-3393043	AMAZON_FBA	Complete	Shipped	736009ldrxmkoooy@marketpla...	Quentin Martin
114-3513307-3347451	AMAZON_FBA	Complete	Shipped	736009ldrxmkoooy@marketpla...	Quentin Martin

Sales Channel Order Statistics	
Order ID	112-7033288-2244245
Purchase Timestamp	10/24/2019 4:45 PM
Last Source Update	10/24/2019 5:14 PM
CSM Order Status	In Process
Channel Order Total	13.05
Outstanding SO Amount	0.00
Total Amt. Invoiced	13.05
Posted Shipments	1
Customer	CSM-0000001
Financial Event Charges	0.00
Financial Event Fees	0.00

In the list above, we see an Amazon FBM order that is **In Process** meaning that it is active and have a **Business Central Sales Order** linked. We also see several FBA orders that are **Complete**, meaning that they have been fully processed, and have **Business Central Archived Sales Orders** linked to them as well as **Posted Shipments and Invoices**. In this case, CSM automatically Created the Business Central Sales Order and Automatically Posted the Shipment and Invoice.

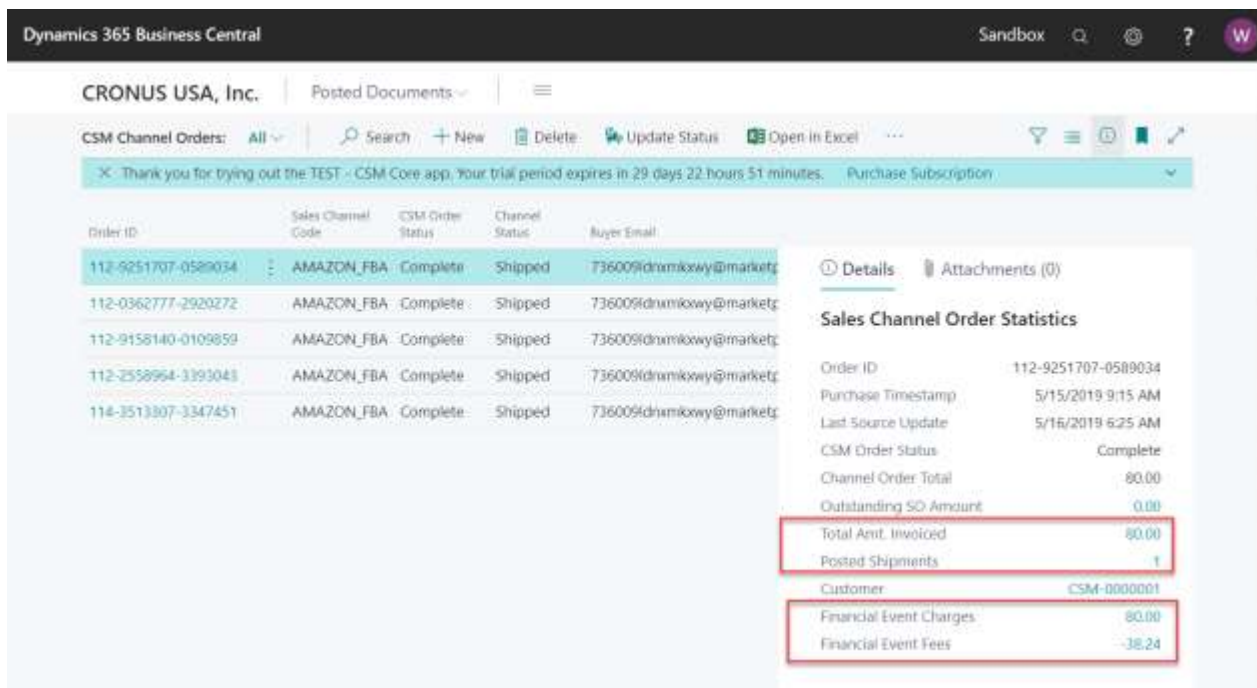
*If initially you bring in FBM orders with a status of shipped, CSM will show an error status since CSM does not create the Sales Order and does not have Linkage to the Posted Shipment

The Following presents a walkthrough of FBA order Processing followed by a walkthrough of FBM order processing including sending the Shipment Information back to Amazon.

Updating Channel Orders

To update the CSM BC order status against all open channel orders (all channel status except for “Complete”) you must filter all orders you want to update within the CSM Channel Order card. Once, you have selected all orders you want to update, then click the Update All Order function in the navigation ribbon. This function allows you to update the CSM BC order status for orders in bulk. This function will set all CSM BC order status to “New”. This function works for all Channel Status options except for “Complete”.

FBA Orders



The screenshot shows the Dynamics 365 Business Central interface for CRONUS USA, Inc. It displays a list of Amazon FBA orders with the following columns: Order ID, Sales Channel Code, CSM Order Status, Channel Status, and Buyer Email. The first five orders are highlighted in blue, indicating they are selected. The first order is 112-9251707-0589034, with a status of Complete and Shipped.

Order ID	Sales Channel Code	CSM Order Status	Channel Status	Buyer Email
112-9251707-0589034	AMAZON_FBA	Complete	Shipped	736009@dnmikowj@marketg
112-0362777-2920272	AMAZON_FBA	Complete	Shipped	736009@dnmikowj@marketg
112-9158140-0109859	AMAZON_FBA	Complete	Shipped	736009@dnmikowj@marketg
112-2558964-3393043	AMAZON_FBA	Complete	Shipped	736009@dnmikowj@marketg
114-3513307-3347451	AMAZON_FBA	Complete	Shipped	736009@dnmikowj@marketg

On the right side of the interface, the 'Sales Channel Order Statistics' for the selected order are displayed:

Order ID	112-9251707-0589034
Purchase Timestamp	5/15/2019 9:15 AM
Last Source Update	5/16/2019 6:25 AM
CSM Order Status	Complete
Channel Order Total	80.00
Outstanding SO Amount	0.00
Total Amt. Invoiced	80.00
Posted Shipments	1
Customer	CSM-0000001
Financial Event Charges	80.00
Financial Event Fees	-38.24

Note that in our above example, the automation retrieved 5 Amazon **FBA** Orders, created BC Sales Orders for all of them, and then automatically posted the Shipment and Invoice. Since these are Amazon FBA orders, they were shipped by Amazon (which we can tell from the BC order status), so we are just recording the sale, and posting the shipment to reflect that we now have less inventory in the Amazon Inventory Location.

Highlight one of the rows that shows a **Complete** status. Note in the FactBox for this line, has a posted shipment and posted invoice which was automatically posted based on the automation rules that were setup.

Also notice that we downloaded the Amazon Fees Associated with this order. You can use the hyperlinks to Navigate to the associated document or fee detail directly from the FactBox.

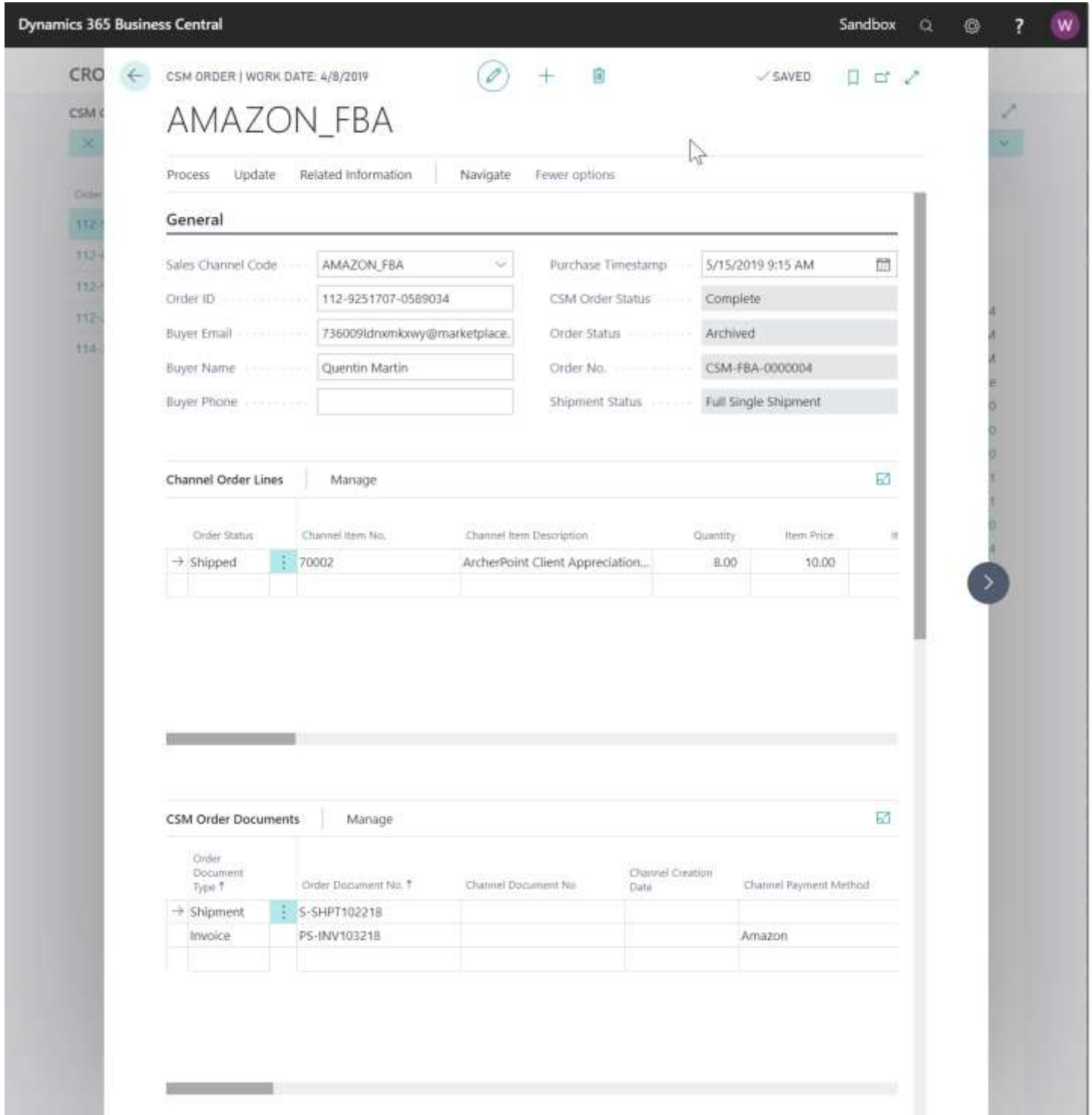
Lot Tracking and FBA Orders

If you maintain lot tracked items in your inventory, it may be necessary for you to include item tracking information for your sales order lines in Business Central. However, Amazon does not provide lot details as part of the FBA order information it communicates.

You can instruct CSM to automatically assign lots to your FBA sales order lines by enabling the **Auto Assign Lot** field on your Amazon FBA sales channel. When an FBA order for a lot tracked item is retrieved from Amazon, CSM will automatically assign lots for that item from the order's assigned location, which is typically a virtual location you have defined to represent your FBA inventory. Because Amazon does not provide the specific lot numbers that were included for a given order, CSM automatically assigns lots based on their posting date, from earliest to latest.

Channel Order Card

Selecting the Order ID hyperlink will show additional details regarding the CSM Channel Order.



General

Sales Channel Code	AMAZON_FBA	Purchase Timestamp	5/15/2019 9:15 AM
Order ID	112-9251707-0589034	CSM Order Status	Complete
Buyer Email	736009ldnxmkxwy@marketplace.	Order Status	Archived
Buyer Name	Quentin Martin	Order No.	CSM-FBA-0000004
Buyer Phone		Shipment Status	Full Single Shipment

Channel Order Lines

Order Status	Channel Item No.	Channel Item Description	Quantity	Item Price	it
→ Shipped	70002	ArcherPoint Client Appreciation...	8.00	10.00	

CSM Order Documents

Order Document Type ↑	Order Document No. ↑	Channel Document No.	Channel Creation Date	Channel Payment Method
→ Shipment	S-SHPT10221B			
Invoice	PS-INV10321B			Amazon

Note that name and phone number fields will be blank due to Amazon privacy policies.

General FastTab

In the General FastTab of the Channel Order Card **CSM BC order status** is a summary status value based on the integrity of the data, and relationship of the Channel Order to other Business Central Sales Documents (Sales Order, Posted Invoices, Posted Shipments).

- **BC order status** is a status indicating what CSM found in Business Central that are related order documents.
- **No Order** – No Business Central Sales Documents were found for this Channel Order.
- **Open** – A Business Central Sales Order Exists with a status of Open.
- **Released** – A Business Central Sales Order Exists with a status of Released.
- **Partial** – A Business Central Sales Order Exists and some of the items on the order have shipped.
- **Pending Approval** – A Business Central Sales Order Exists with a status of Pending Approval.
- **Pending Prepayment** – A Business Central Sales Order Exists with a status of Pending Prepayment.
- **Shipped** – Posted Shipments exist that have completed the order.
- **Order No.** If the BC order status is any value other than **No Order**, then this will be the Business Central Order Document Number of the documents that relate to this Channel Order.
- **Shipment Status** is a summary status value of what has been shipped so far from this order:
- **Nothing Shipped** – no posted shipments could be found for this Channel Order.
- **Partial Shipped** – Posted Shipments were found, but some of the items have not fully shipped.
- **Full Single Shipment** – All Items shipped on a Single Posted Shipment.
- **Full Multiple Shipments** – The order is fully shipped and at least 2 Posted Shipments were found.

***Note:** the **Order Risk** field is reserved for future product improvements. For other supported CSM platforms, it is possible to retrieve order risk information from the connected channel.*

Order Lines FastTab

The Channel Order Lines FastTab presents information about the items that are assigned to the order, with a separate line being created for each item.

These are the order lines information as received from Amazon. Note that the **Channel Item No. and Channel Item Description are how Amazon knows the items as.** So How does CSM create a Sales Order with a Channel Item No. that could potentially be different than how an Item is defined in CSM?

- If a CSM Channel Listing is found for this Sales Channel, with a matching SKU, the Business Central Line information will be built with the Line Information on the listing. Note, having a CSM listing record is the only mechanism where Business Central Sales Lines can be non-Item types (G/L Account, Item Charge).
- Next, if the Channel Item No. matches exactly to a Business Central Item No., it will be used, and the Base Unit of Measure of the item will be assumed.
- After that, if the Channel Item No. is found in the Item Identifier table, then the Item, Variant, and Unit of Measure defined in the Item Identifier record will be used.
- Finally, the Item Cross Reference will be used (Bar Code Type).

If CSM fails to cross reference the Channel Item No. using any of the above methods, the Sales Order Creation process will fail, and the error message will indicate such.

Order Documents FastTab

Order documents refer to different types of information that may be retrieved or sent between Business Central and Amazon for a given channel order. The information on an order document line contains the data that was retrieved from or communicated to the external channel. These records are not manually entered or defined, but rather automatically populated as part of another process. For example, when a Business Central sales order is shipped and invoiced, new order documents for the shipment and invoice are added to the related CSM order; when the CSM automation is executed, the information on these lines is communicated to Amazon, and the related sales order on that platform is updated accordingly.

Because the lines on the **CSM Order Documents** FastTab are designed to accommodate a wide range of transaction types, not all fields will be applicable to every order document. For example, the **Channel Payment Method** field would be populated for payment type lines, but remain blank on lines for shipments.

Depending on the order document type, it may be necessary to maintain additional information about related Business Central documents or individual lines on these documents. You can use the **Document Lines** and **Document Transactions** actions on the **CSM Order Documents** FastTab to view any related records for the selected order document.

Shipping FastTab

The Shipping FastTab presents channel order shipping information that was retrieved from Amazon.

The Amazon channel order's retrieved shipping method is entered in the **Channel Shipping Method** field. CSM uses the Amazon channel's defined shipping method mapping to assign a corresponding shipping agent and shipping agent service code to the related sales order. If a mapping does not exist for the retrieved shipping method, CSM will not be able to generate a sales order.

The ship-to address information in this FastTab will be used to populate the Business Central sales order's shipping information. CSM will always assign the shipping information that has been retrieved from the eCommerce channel to sales orders; addresses that have been defined for the related customer in Business Central (such as the address information on the customer card or any other ship-to addresses) will not be considered.

Note: If you are unable to obtain a [Restricted Data Token](#) from Amazon to retrieve shipping address information automatically via CSM, it is necessary to [download an order report](#) containing this information from your Amazon Seller Central account, then import this report into Business Central in order to populate these details on your sales orders.

Amazon Channel Data FastTab

The Amazon Channel Data FastTab contains additional information received from Amazon, including:

- **Amazon BC order status:** the status of the order as received from Amazon.
- **Amazon Seller Order ID:** the order ID that Amazon assigns to the order.
- **Amazon Fulfillment Network:** the network through the order was / is to be fulfilled.
- **Amazon Marketplace:** the marketplace ID of Amazon storefront through which the order was placed.

Refund Information FastTab

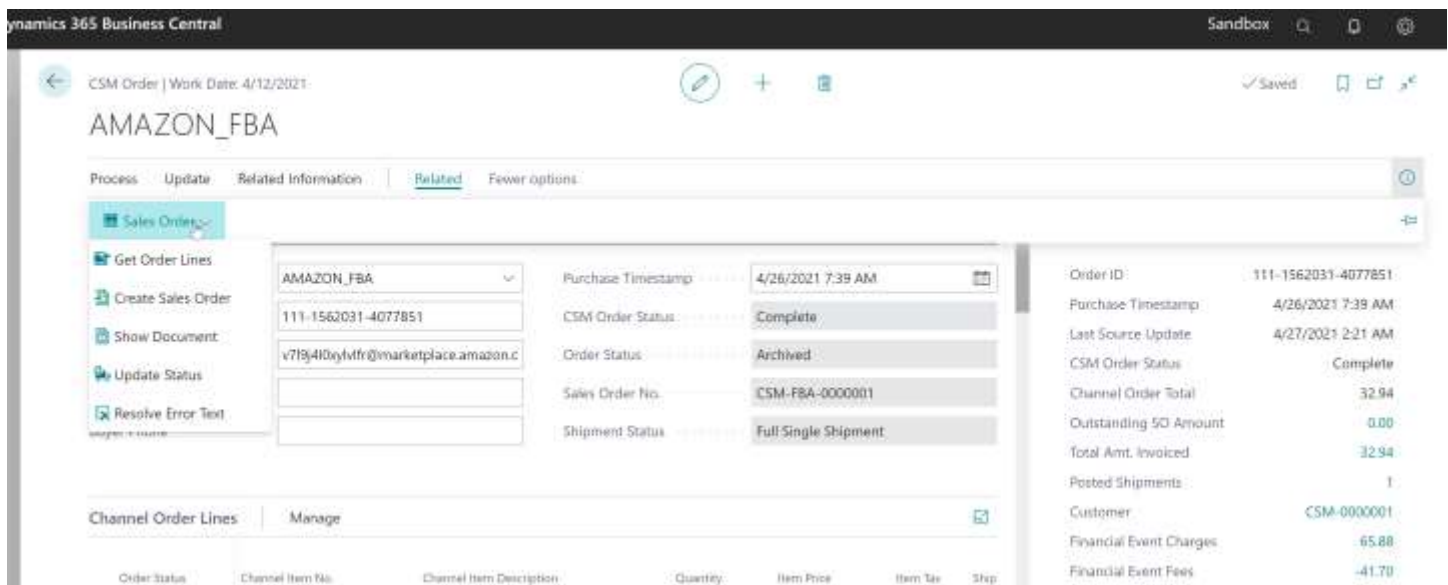
If Refund information is detected in the Financial Event Transactions for this order, that information will reside here.

Information FastTab

This FastTab on the channel order mostly contains housekeeping information regarding the Channel Order such as user information and relevant transaction and communication dates. Of interest in this section is the Status Text Field. If a Channel Order has a status of Error, the reason as to why it is in Error should be described in this field.

Channel Order Actions

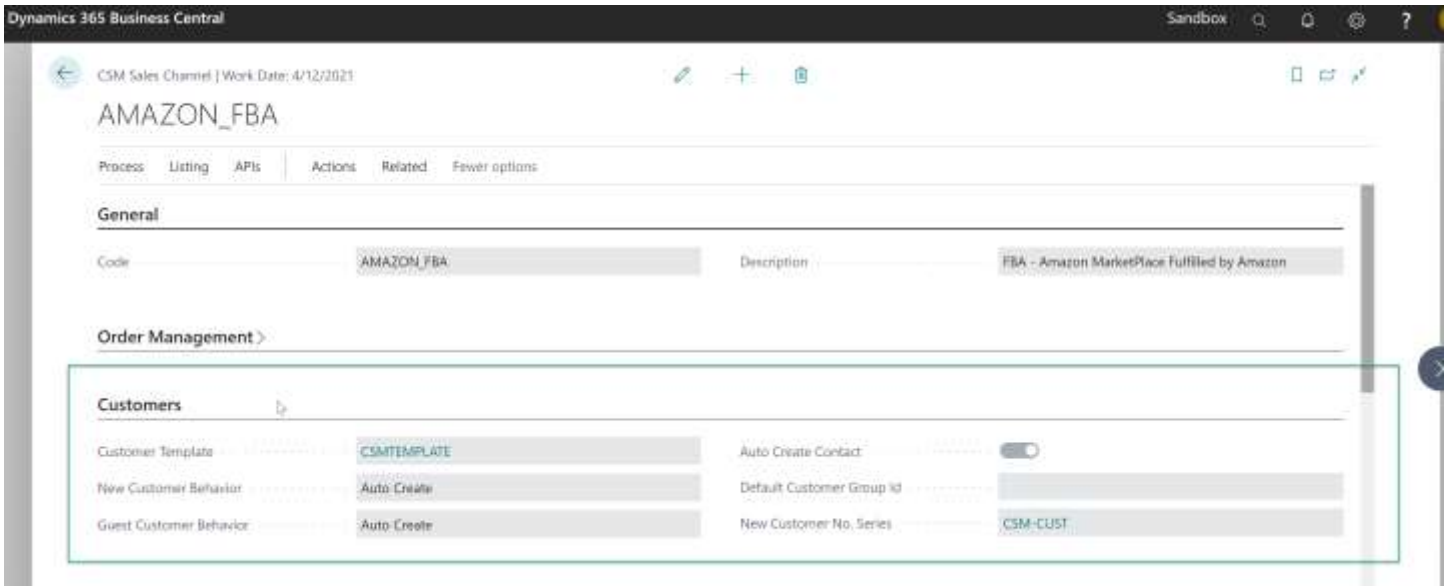
There are also several Actions that can be taken for a Channel Order. These are handy if the Channel Order is in error and you need to manually process the order.



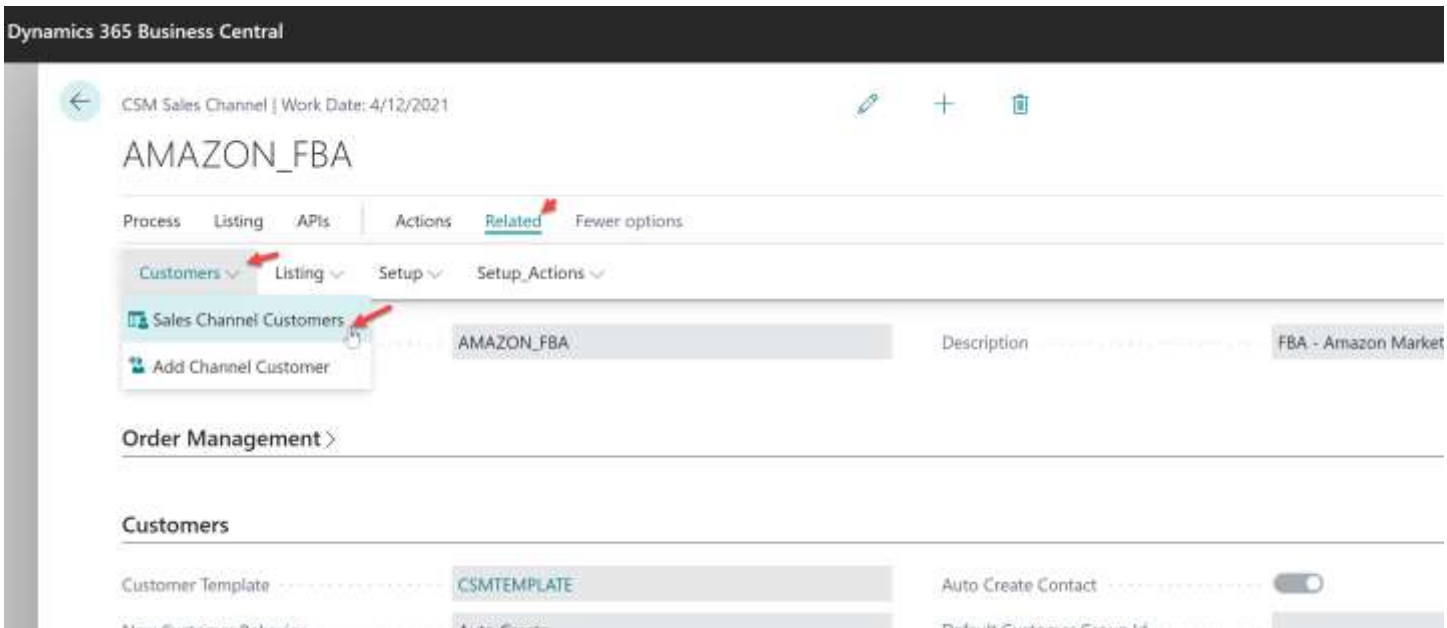
- Get Order Lines – This Action will communicate with Amazon to update the order and its lines.
- Create Sales Order – This action will attempt to use the data retrieved from Amazon to create a Business Central Sales Order. Note that **if CSM cannot perform this because of an error, the traditional Business Central Error Message Dialog will not appear. CSM, in this case, will change the status of the Channel Order to Error and present the Error reason in the CSM BC order status Text.**
- Show Document – CSM will Navigate to Business Central Sales Documents. If a Sales Order still exists in the system, that Sales Order Document will be navigated to. If a sales order is not found, then CSM will display the related Posted Sales Invoice(s).
- Update Status – CSM will reevaluate the Status of the Order.

Sales Channel Customers

While processing Channel Orders into Business Central Sales Orders, CSM will follow the New and Guest Customer Behaviors specified on the Sales Channel Card.



Setting the behavior to Auto Create will cause CSM to determine whether a customer already exists in Business Central, or whether one needs to be created. To do this, CSM looks at the Sales Channel Customers table to find a match.



CSM Customers | Work Date: 4/12/2021 ✓ Saved

Search + New Edit List Delete Open in Excel More options

Sales Channel Code ↑	Channel User Code ↑	Channel First Name	Channel Last Name	Initial C
→ AMAZON	1dk0pm8hkk99t8s@marketpla...			
AMAZON_FBA	4yxl07dw4jpf3db@marketplace...			
AMAZON_FBA	736009ldnxmkxwy@marketpla...			
AMAZON_FBA	c4rsj2qc1cghgwx@marketplace...			
AMAZON_FBA	ln6wh7c723x2glc@marketplace...			
AMAZON_FBA	v719j4l0xylvifr@marketplace.am...			

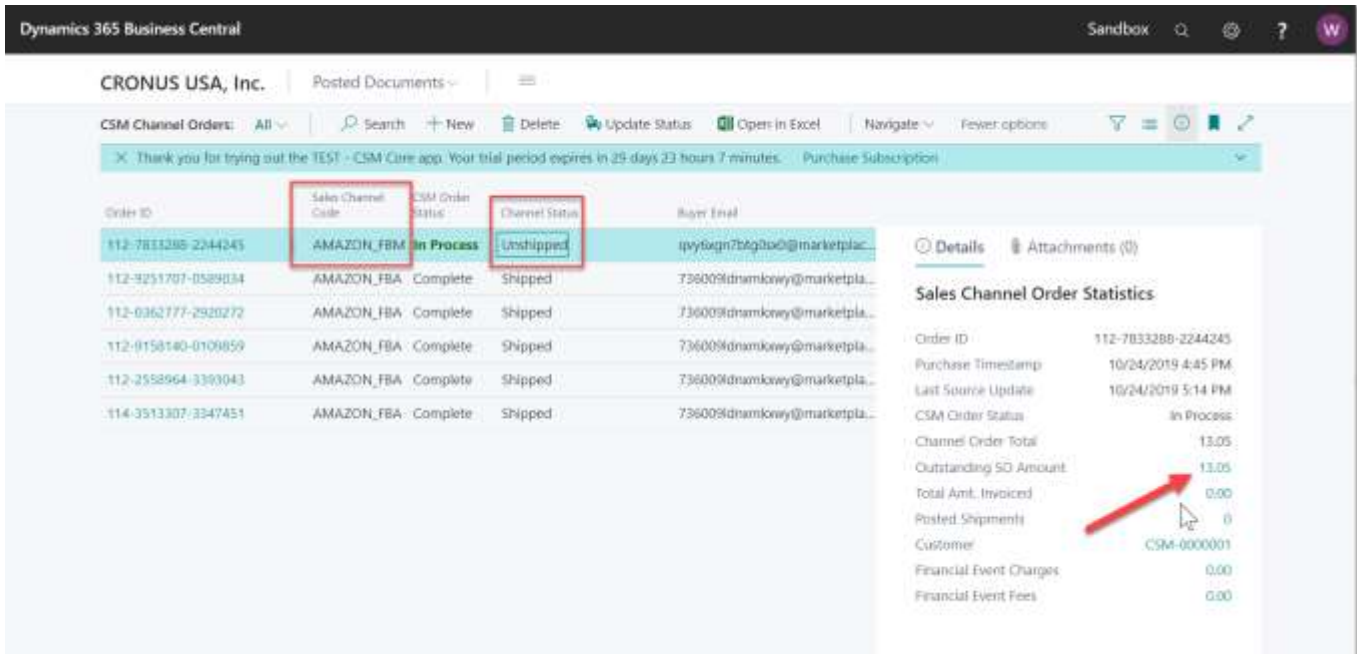
For Amazon Orders, CSM looks at the Amazon Assigned Email to see if there is a match

If the Sales Channel Customer Behavior is set to Sales Channel then Business Central Sales Orders will always be built using the Customer specified in the Sales Channel Customer Template and will override the Sales Orders shipping and billing addresses to those found on the Channel Order.

If the Sales Channel Customer Behavior is set to Manual, and no match is found in the Sales Channel Customers table, then the Sales Order Creation process will fail.

FBM Orders

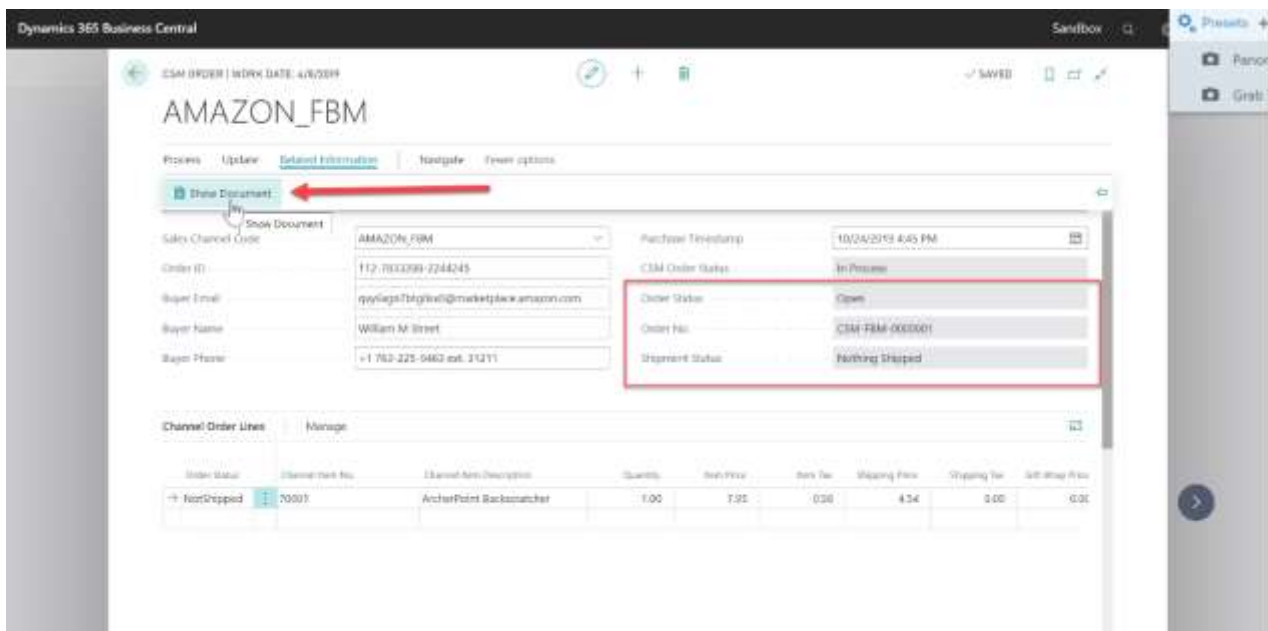
The Automation retrieves new orders which includes a new FBM order with a Channel (Amazon) status of “Unshipped”. The Automation, based on setup, creates a new Business Central Sales Order.



Order ID	Sales Channel Code	CSM Order Status	Channel Status	Buyer Email
112-7833288-2244245	AMAZON_FBM	In Process	Unshipped	ipyy6qgn7b6gto0@marketplac...
112-9251707-0589034	AMAZON_FBA	Complete	Shipped	736009@dnsmkwoy@marketpla...
112-0362777-2920272	AMAZON_FBA	Complete	Shipped	736009@dnsmkwoy@marketpla...
112-9158140-0109859	AMAZON_FBA	Complete	Shipped	736009@dnsmkwoy@marketpla...
112-2558964-3393043	AMAZON_FBA	Complete	Shipped	736009@dnsmkwoy@marketpla...
114-3513307-3347451	AMAZON_FBA	Complete	Shipped	736009@dnsmkwoy@marketpla...

Sales Channel Order Statistics	
Order ID	112-7833288-2244245
Purchase Timestamp	10/24/2019 4:45 PM
Last Source Update	10/24/2019 5:14 PM
CSM Order Status	In Process
Channel Order Total	13.05
Outstanding SO Amount	13.05
Total Amt. Invoiced	0.00
Posted Shipments	0
Customer	CSM-0000001
Financial Event Charges	0.00
Financial Event Fees	0.00

The Channel Order Card now shows the details of the FBM Order received from Amazon and the link to the Business Central Sales Order.



AMAZON_FBM

Process Update Related Information Navigate Fewer options

Show Document

Sales Channel Code: AMAZON_FBM Purchase Timestamp: 10/24/2019 4:45 PM

Order ID: 112-7833288-2244245 CSM Order Status: In Process

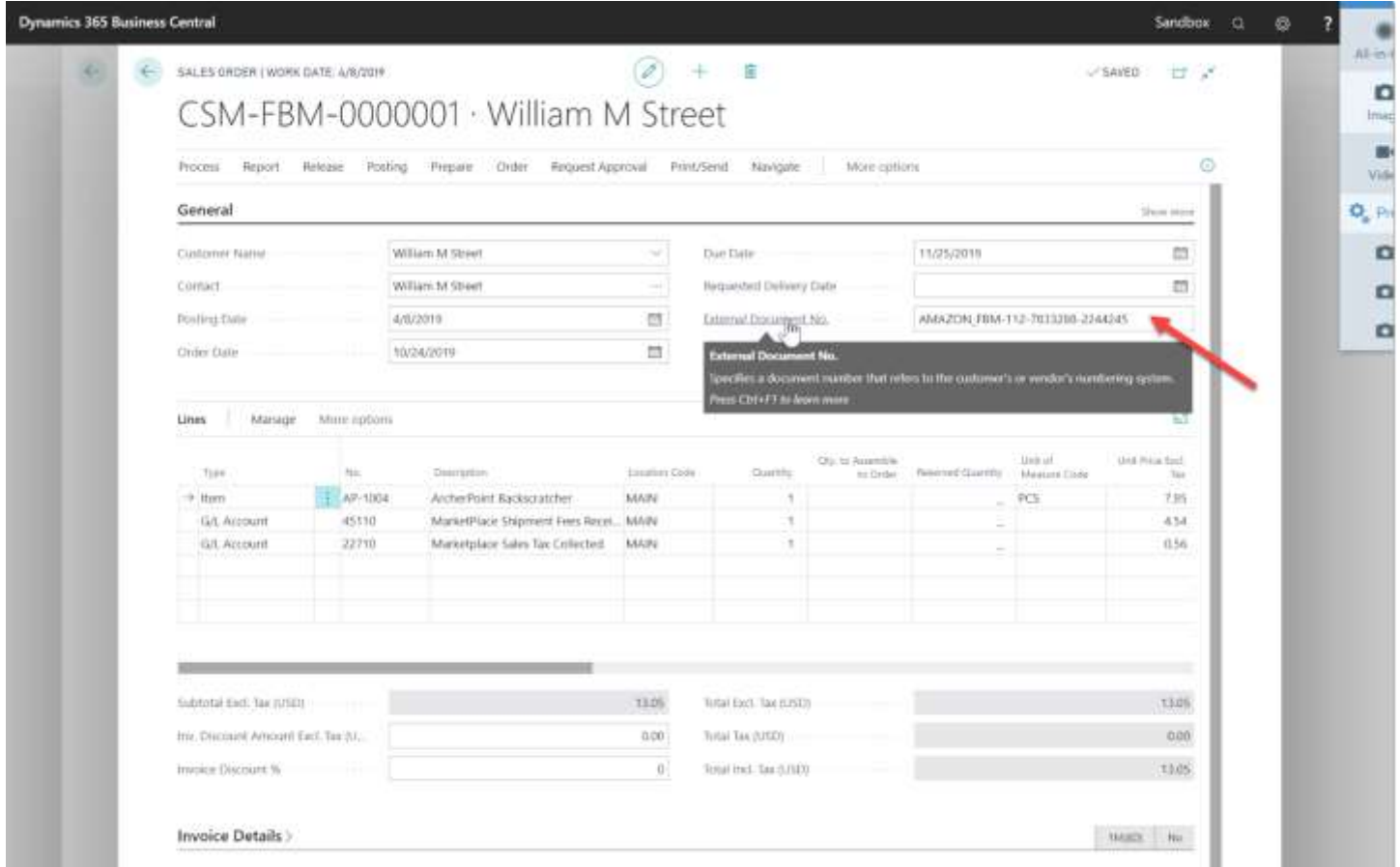
Buyer Email: ipyy6qgn7b6gto0@marketplace.amazon.com Order Status: Open

Buyer Name: William M Street Order No.: CSM-FBM-000001

Buyer Phone: +1 762-225-9462 ext. 21211 Shipment Status: Nothing Shipped

Order Status	Channel Order No.	Channel Item Description	Quantity	Unit Price	Unit Tax	Shipping Price	Shipping Tax	Subtotal Price
Not Shipped	70003	ArcherPoint Backscratcher	1.00	7.95	0.00	4.54	0.00	0.00

By pressing the Show Document button on the Channel Order Card, CSM will open the related Business Central Sales Order. The External Document Number is how the Channel Order is linked to the Business Central Sales Order.



The screenshot shows the Dynamics 365 Business Central interface for a sales order. The header includes the title "CSM-FBM-0000001 · William M Street" and a navigation bar with options like "Process", "Report", "Release", "Posting", "Prepare", "Order", "Request Approval", "Print/Send", "Navigate", and "More options".

The "General" section contains the following fields:

- Customer Name: William M Street
- Contact: William M Street
- Posting Date: 4/8/2019
- Order Date: 10/24/2019
- Due Date: 11/25/2019
- Requested Delivery Date: [Empty]
- External Document No.: AMAZON_FBM-112-7013310-2144245 (highlighted with a red arrow)

A tooltip for the "External Document No." field reads: "External Document No. Specifies a document number that refers to the customer's or vendor's numbering system. Press Ctrl+F7 to learn more."

The "Lines" section contains a table with the following data:

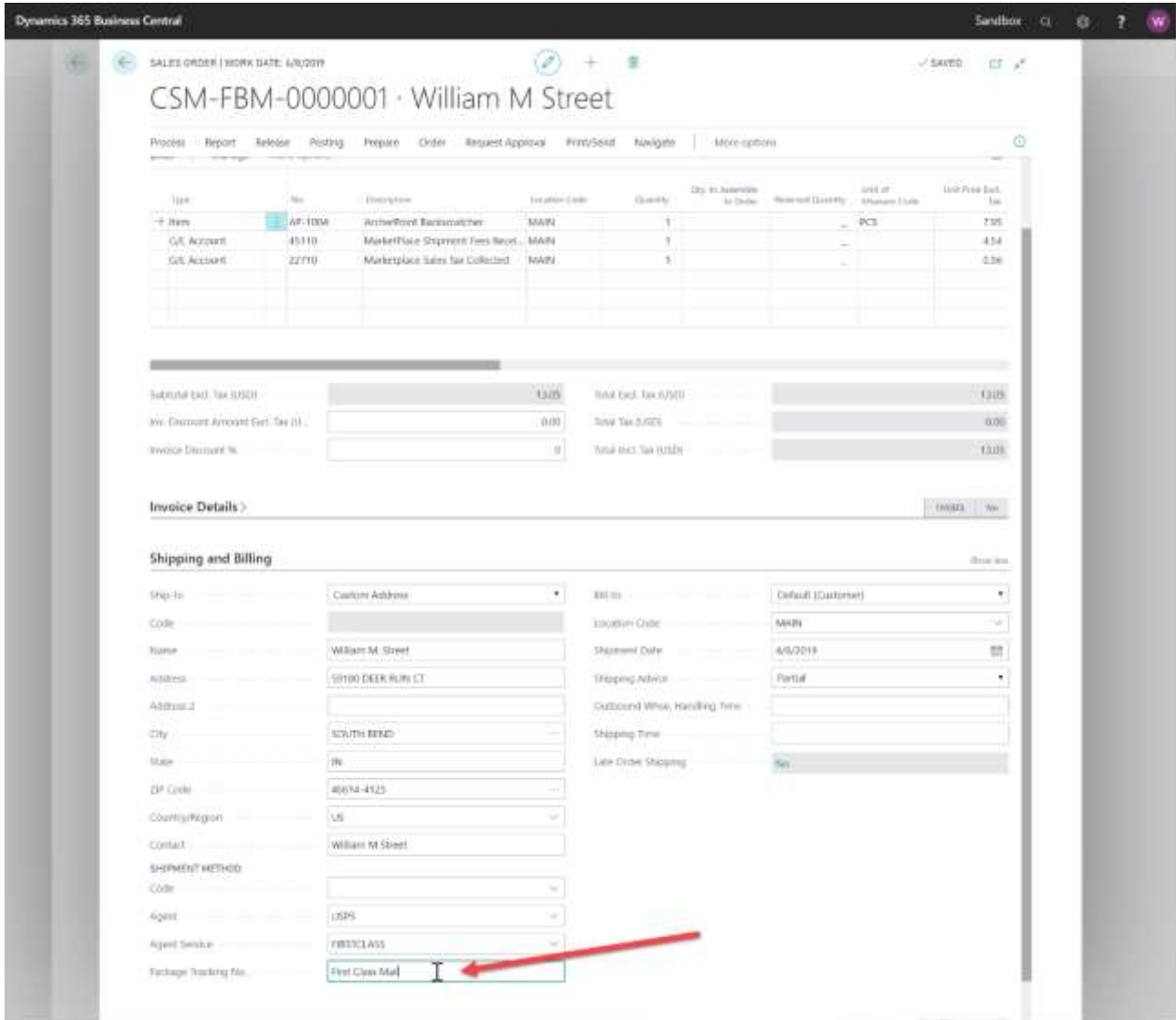
Type	No.	Description	Location Code	Quantity	Qty. to Assemble to Order	Released Quantity	Unit of Measure Code	Unit Price Excl. Tax
Item	AP-1004	AnchorPoint Backscratcher	MAIN	1			PCS	7.85
G/L Account	45110	MarketPlace Shipment Fees Recel.	MAIN	1				4.34
G/L Account	22710	Marketplace Sales Tax Collected	MAIN	1				0.56

The summary section shows the following values:

- Subtotal Excl. Tax (USD): 13.05
- Total Excl. Tax (USD): 13.05
- Intr. Discount Amount Excl. Tax (USD): 0.00
- Total Tax (USD): 0.00
- Invoice Discount %: 0
- Total Incl. Tax (USD): 13.05

The "Invoice Details" section is partially visible at the bottom.

We can enter a **Shipment Tracking Number** in the **Business Central Sales Order Document Shipping and Billing FastTab** and then Post the Shipment and Invoice.



The screenshot displays the Dynamics 365 Business Central interface for a sales order document. The document is titled "CSM-FBM-0000001 · William M Street" and is dated 6/8/2019. The interface shows a table of items, a summary of taxes, and a "Shipping and Billing" section. In the "Shipping and Billing" section, the "Package Tracking No." field is highlighted with a red arrow and contains the text "First Class Mail".

Type	No.	Description	Location Code	Quantity	Qty. to Assemble to Order	Reserved Quantity	Unit of Measure Code	List Price Excl. Tax
Item	AF-10M	ArchePoint Backmaster	MAN	1			PCS	7.95
G/L Account	45110	MarketPlace Shipment Fees Recd.	MAN	1				4.54
G/L Account	22710	Marketplace Sales tax Collected	MAN	3				0.56

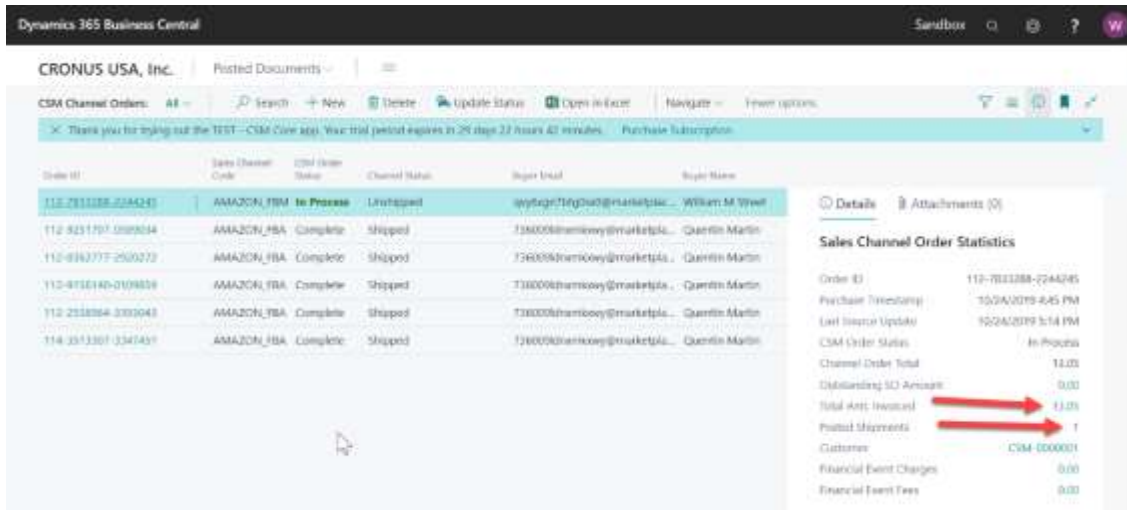
Summary of Taxes:

Subtotal Excl. Tax (USD)	13.05	Total Excl. Tax (USD)	13.05
Inv. Discount Amount Excl. Tax (USD)	0.00	Total Tax (USD)	0.00
Invoice Discount %	0	Total Excl. Tax (USD)	13.05

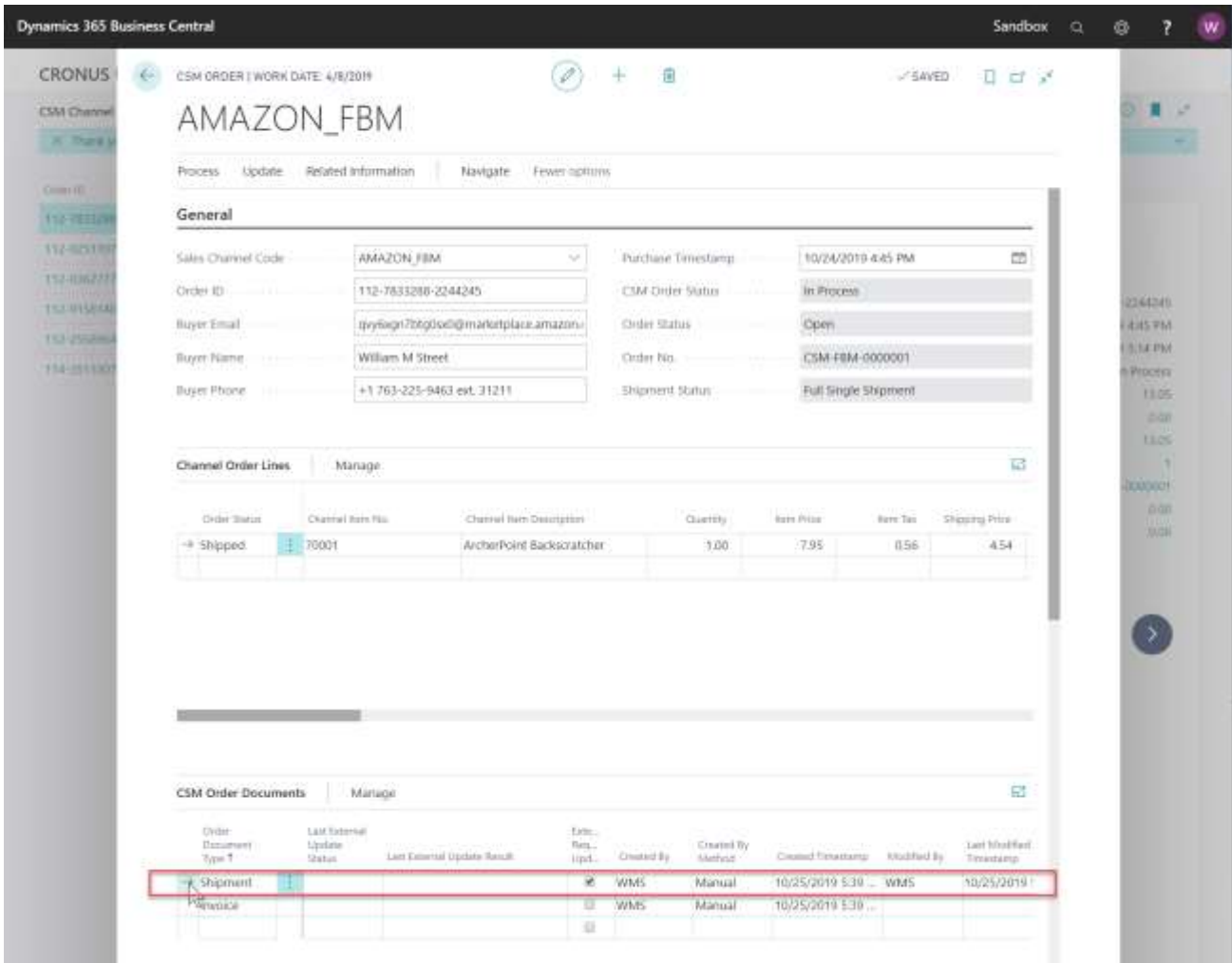
Shipping and Billing Details:

- Ship-to: Custom Address
- Name: William M. Street
- Address: 50180 DEER RUN CT
- City: SCOUTH BEND
- State: IN
- ZIP Code: 46174-4925
- Country/Region: US
- Contact: William M Street
- SHIPMENT METHOD Code: [Empty]
- Agent: USPS
- Agent Service: FIRSTCLASS
- Package Tracking No.: First Class Mail

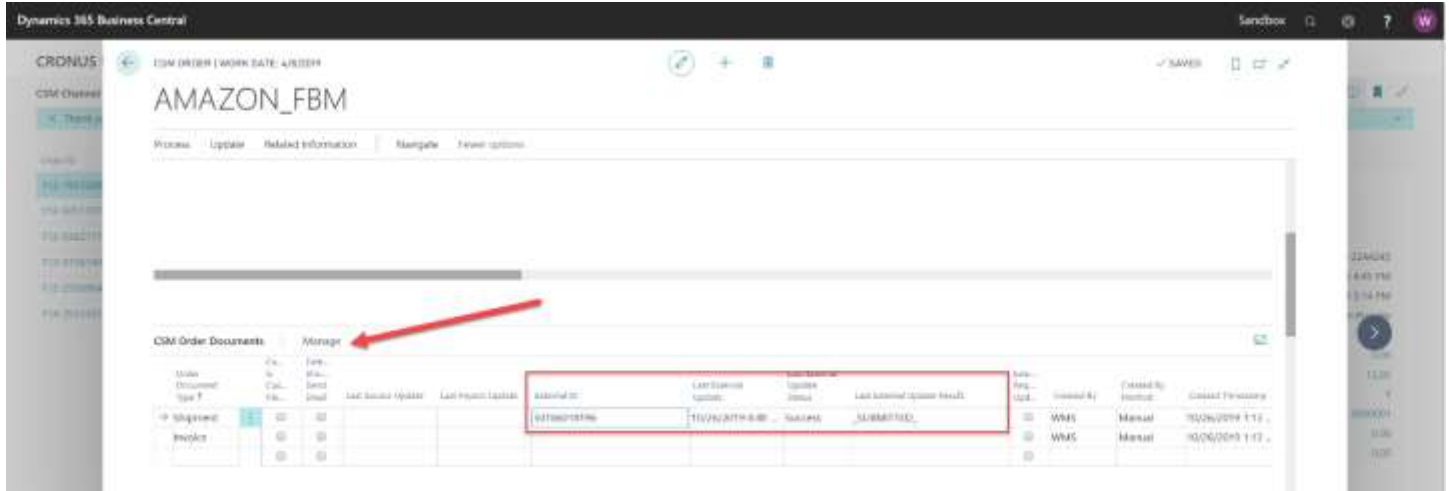
CSM, at Shipment Posting Time, captures the Shipment Information and prepares it to be sent to Amazon.



The information can be viewed in the Channel Order Documents FastTab of the Channel Order Card.



The CSM Automation List can be configured to send shipment information on a schedule, or the user can manually send a single shipment by selecting the Shipment Line, and executing the Send to Channel Button in the Manage section of the CSM Order Documents FastTab.



Once the information is sent to Amazon, the Last External Update information will populate.

The Buyer of the Backscratcher received this communication from Amazon based on the information that CSM sent to Amazon.



We hope to see you again soon.

AmazonSmile



[Your Account](#) > [Your Orders](#) > [Order Details](#) > [Track Package](#)

Arriving October 30 - November 4

Your package was shipped Saturday, October 26.

Suite Engine Retail shipped your package and may have the tracking information.



Tracking info provided by Suite Engine Retail

Shipped with USPS

[Contact seller](#)

Address info

William M. Street
59180 DEER RUN CT
SOUTH BEND, IN 46614-4125

[View order details](#)

Deleting Channel Orders

If necessary, an individual channel order can be deleted from the CSM Channel Orders list or card by choosing the Delete action in the ribbon. It is also possible to select multiple orders in the CSM Channel Orders list and delete them at once by choosing the Delete Selected Channel Orders action in the ribbon. Business Central will ask you to confirm that you want to delete the selected orders, and if you answer Yes, proceed with the deletion. Business Central will not delete any selected orders that:

- Have an associated sales order in Business Central, and
- Have a CSM BC order status value that is not Complete.

Once the deletion process is completed, the application will inform you of how many orders have been deleted (this number may be less than the originally-selected quantity if any of the selected orders failed to meet the criteria mentioned above).

It is important to note that deleted CSM channel orders can be re-created in Business Central by opening the relevant sales channel record, setting the starting order retrieval date to reflect a date prior to the orders' creation, and then re-running the channel's automation routine. This is useful in scenarios where a missing or incorrect setup issue in a sales channel environment resulted in a large quantity of incorrect CSM channel orders within Business Central. If this occurs, the user can select all of these channel orders and delete them at once using the bulk delete functionality described here, correct the problem within the sales channel, then re-import all of the orders into Business Central.

Creating Sales Returns

You can generate a sales return order from any CSM order that has been fully or partially shipped:

1. Open the **CSM Channel Orders** list, then select an order for which the return will be issued.
2. Choose the **Create Sales Return Order** action in the ribbon on the **CSM Order** page.
3. CSM creates a new sales return order and updates the CSM order's sales return status to Open. You can navigate to this return directly from the CSM order by selecting the **Outstanding Return Order Amount** link in the **Sales Channel Order Statistics** FactBox.

As you process the return in Business Central, the **Refund Information** FastTab on the **CSM Order** page will update to reflect the current stage of the return order. In addition, the outstanding return order amount, posted shipments, and total amount credited values in the **Sales Channel Order Statistics** FactBox will be updated accordingly.

***Note:** CSM for Amazon does not currently support direct return/refund integration. When a return order is posted in Business Central, it is not communicated to Amazon. Feasibility as to whether Amazon's APIs support this functionality is under investigation.*

Archiving Channel Orders

It is possible to archive completed and cancelled channel orders. When a channel order is archived, it is moved from the list of active orders to a separate list of archived orders. In this way, the list of active orders is more manageable, as it presents only current, actionable orders. Order archiving accommodates the CSM order header, CSM order lines, CSM order line options, and CSM order documents. All field values are copied exactly as-is from the current order to the archive order.

CSM Setup

Archiving setup is performed on the CSM Setup page's Archiving FastTab. The fields on this FastTab serve as default values which are copied to newly-created CSM sales channels. Note that changes to these default values will not update any existing sales channels.

To set up channel order archiving defaults, fill in the fields as follows:

- **Archive After Days:** enter the number of days a CSM channel order should remain active prior to archiving. The value in this field is applied to a channel order's last source update value in relation to Business Central's work date to determine whether that order should be archived. By default, this value is set to 30 days, but you can

enter a greater value if you want to archive your orders on a less frequent basis. It is not possible to define an archive period of less than 30 days.

- Auto Channel Order Archive: enable this option to instruct Business Central to automatically archive CSM channel orders that meet the appropriate criteria.


Sales Channel Setup

Corresponding archiving fields can be found on the Order Management FastTab on the CSM Sales Channel page. If default archiving values have been defined on the CSM Setup page, Business Central will automatically copy these defaults to newly-created sales channel records, but these values can be changed on a channel-by-channel basis, if desired. This allows users to archive different sales channels according to different frequencies or enable this functionality for selected channels only. It is also necessary to enter these values on any sale channel records that existed prior to setting up order archiving.

To set up channel order archiving, fill in the fields as follows:

- Archive After Days: enter the number of days a CSM channel order should remain active prior to archiving. The value in this field is applied to a channel order's last source update value in relation to Business Central's work date to determine whether that order should be archived. By default, this value is set to 30 days, but you can enter a greater value if you want to archive your orders on a less frequent basis. It is not possible to define an archive period of less than 30 days.
- Auto Channel Order Archive: enable this option to instruct Business Central to automatically archive CSM channel orders that meet the appropriate criteria.

Housekeeping Automation Setup

CSM uses the existing "housekeeping" automation record to archive completed and cancelled channel orders. To view a list of CSM automation records, choose the  icon, enter "CSM Automation List," and then choose the related link. On the CSM Automation List page, locate, and review the housekeeping CSM automation record. From this list, you can make any necessary changes.

Channel Order Archiving

When the housekeeping automation routine runs, Business Central will archive any CSM orders that meet the following criteria:

- The order's assigned sales channel code has archiving enabled.
- The order's CSM BC order status value is either Complete or Cancelled.
- The order's Last Source Update date falls outside of the related sale channel's defined archiving period in relation to Business Central's work date.

For example, consider a scenario where our work date is 03/26/2021 and we have a number of channel orders whose sales channel has a defined archiving period of 30 days. When we run the housekeeping automation routine, the application will archive or not archive channel orders as follows:

Last Source Update	Relation to Work Date	Archive?
03/27/2021..	Future	No
03/26/2021	Current Day	No
02/25/2021..03/25/2021	Less Than 30 Days	No
02/24/2021	Equals 30 Days	Yes
..02/23/2021	Greater Than 30 Days	Yes

Note: if a CSM order that has been archived by CSM is modified or adjusted in the connected eCommerce channel, CSM will retrieve and attempt to re-archive that order as part of its automation routines. In such a scenario, a suffix will be appended to the archived order’s ID. For example, suppose we archived CSM order 1234 in Business Central. This order was modified in the eCommerce channel and retrieved by CSM a second time. When this order is archived by CSM, it will be assigned an order ID of 1234-01. If this process was repeated, subsequent archive records would be numbered 1234-02, 1234-03, and so forth.

Viewing Archived CSM Channel Orders

When a CSM channel order is archived, it is removed from the list of active CSM orders and a new archive record is created. These archived CSM orders can be accessed from the CSM Administrator role center. Choose the “Posted Documents” action at the top of the role center, then choose the Archived CSM Channel Orders action to see a list of archived orders. From here, you can open a specific archived order to review it.

Archived CSM orders contain the same layout, FastTabs, FactBoxes, and fields as active CSM orders. You can also view any existing order line option and archive document line records by selecting a line on the **Channel Order Archive Lines** or **CSM Order Archive Documents** FastTab, then choosing the **Manage** action in the ribbon and choosing the relevant option.

As with active CSM orders, you can navigate to related Business Central orders from an archived CSM order:

- To access related shipments: drill down on the Posted Shipments link in the FactBox.
- To access related invoices: drill down on the Total Amt. Invoiced link in the FactBox.

Troubleshooting CSM Activities

There are times where CSM processes will fail to occur or not perform as expected. In these scenarios, it may be necessary to troubleshoot the issue. Typically, this research will be performed by a support technician at Suite Engine or a Suite Engine partner, but in order to better assist this individual with his or her troubleshooting activities, you may be asked to supply additional details from Business Central. It is helpful, then, to be aware of the following troubleshooting tools in CSM:

- CSM API Messages: each sales channel has a list of related API functions for different activities such as creating new products, updating existing products, retrieving order information, sending inventory data, and so on. Whenever an API function is executed, a new CSM API message record is created.

To further assist in troubleshooting activities, the Last API Message Processed field on the CSM Order Channel page presents a link to the most recent API message that was generated for a channel order. In the event that a channel order fails to process, this link allows someone looking into the issue to quickly access the most recent API activity in which the order was involved, where it can then be researched.

- **CSM Processing Log Entries:** CSM processing log entries are created for every warning, error, new piece of information, or change to existing information that occurs through the execution of an API function. To understand how CSM API messages and CSM processing log entries relate to each other, a CSM API message might be generated when a function to retrieve a new channel order is executed, while separate CSM processing log entries would be generated to reflect the creation of that new order, the entry of a customer on that order, the entry of a shipping address on that order, the entry of a payment method on that order, and so forth. In this way, a single CSM API message can be related to hundreds of CSM processing log entries.

In some troubleshooting scenarios, it is necessary to review the specific CSM processing log entries that were created as part of a routine. While it is possible to access a list of all CSM processing log entries in Business Central, a better option is to open the relevant CSM API Message card and choose the Related CSM Processing Log Entries action in the ribbon. This will present a list of CSM processing log entries that is filtered by the relevant CSM API message ID. From here, additional filters can be set to further streamline the information, and the necessary research can occur.

Role Center Cues

A number of cues have been added to the [CSM Role Center](#) to assist in identifying issues with various CSM records that fail to process or have some sort of outstanding issue. These cues are found in the **Requires Attention** section of the CSM Role Center:

Requires Attention

Orders with Errors 34 > See more	Outstanding Orders to Channel 7 > See more
Outstanding Listings to Channel 40 > See more	Delayed Automation 11 > See more

Choosing one of these values will open a separate list of the records in question.


These cues present the following information:

- **Orders with Errors:** this cue presents a list of all CSM orders with an order status of *Error*. You can use this information to identify orders that have failed to process for any reason.
- **Outstanding Orders to Channel:** this cue presents a list of all CSM order documents whose **External Requires Update** field is checked. Typically, when a CSM order document is created, it is then automatically synchronized with the connected eCommerce channel. If this synchronization is successful, CSM will automatically remove the check mark from the **External Requires Update** field. Accordingly, the records listed as part of this cue can be used to identify those CSM order documents that failed to synchronize with the connected channel. In addition to being able to access a particular CSM order from a selected line, you can also directly process one or more lines by selecting them, then choosing the **Actions** ribbon and choosing of the available options:
 - **Send to Channel:** CSM will attempt to re-send the selected order documents to the connected channel.
 - **Set External Requires Update to FALSE:** the check mark in the **External Requires Update** field for the selected order documents will be removed.
- **Outstanding Listings to Channel:** this cue presents a list of all CSM listings whose **External Requires Update** field is checked. When a CSM listing is created and then successfully sent to a connected eCommerce platform, CSM will automatically remove the check mark from the **External Requires Update** field. Accordingly, the records listed as part of this cue can be used to identify those CSM listings that failed to send all or a particular piece of information to the connected channel. It is important to understand that the **External Requires Update** field is checked whenever a new CSM listing is created or a change is made to it that requires an update, meaning that a CSM listing with this setting enabled may not necessarily be “problematic,” but rather awaiting an update.
- **Delayed Automation:** this cue presents a list of all CSM automation routines whose scheduled frequency exceeds their last run timestamp. For example, an automation routine with a scheduled frequency of 1 hour and a last run timestamp of 08/01/2023 9:00 AM would be considered delayed at any point after 10:00 AM on 08/01/2023. You can use this information to determine whether certain processes are being executed as expected.

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.

Appendix A: Amazon Tax Collection Methods

Amazon employs multiple tax collection methodologies. When a sale is placed, Amazon first identifies whether the transaction is taxable. If so, Amazon then makes a determination as to how these taxes will be collected:

- **Marketplace Tax Collection (“MTC”)**: Amazon will calculate, collect, and remit tax to the relevant tax authority on your behalf.
- **Tax Calculation Services (“TCS”)**: Amazon will calculate tax and disperse this calculated amount to you. You are then responsible for remitting these taxes to the proper tax authority.

To illustrate the differences between these tax collection methods, consider a simple scenario where you have a sales transaction of \$100, with a calculated sales tax of \$15:

- **MTC**: Amazon would remit the \$15 on your behalf. You would receive a payment of \$100, which represents your sales revenue.
- **TCS**: Amazon would include the calculated tax in your payment. This payment would total \$115, comprised of \$100 in sales revenue and \$15 of tax liability.

The determination as to which method will be employed for a given sale is based on Amazon’s tax collection rules for the state in which the transaction occurred. For more information on Amazon’s tax collection methods and policies, see [here](#).

Although MTC amounts are handled by Amazon and not a liability, it is still advantageous to record these amounts for reporting and auditing activities. For this reason, CSM allows you to assign separate accounts for MTC and TCS tax amounts. This activity is performed on the **Order Management** FastTab of the sales channel record. You can assign a dedicated G/L account, item, resource, fixed asset, or item charge to MTC and TCS tax activities that occur within that channel. In this way, you can track these tax amounts separately from one another. For example, you might direct CSM to record TCS tax in a liability account, while MTC tax is reported to a dedicated contra account.

When Amazon employs the MTC methodology for tax collection, it automatically assigns a value of *MarketplaceFacilitator* to the transaction. This value is present is entered in the **Tax Collection Model** field on the CSM channel order line that is created when the order is retrieved from Amazon. When a sales order is generated from the channel order, CSM creates sales lines for tax amounts according to the following methodology:

1. What is the assigned sales channel’s sales tax behavior?
 - If the sales tax behavior is *None*, no sales tax will be added to the sales order. The process ends.
 - If the sales tax behavior is *Line*, dedicated sales tax lines will be added to the sales order. Proceed to step 2.

2. Does the channel line have an assigned item tax, shipping tax, or gift wrap tax value?
 - If these values are all zero, no sales tax will be added to the sales order. The process ends.
 - If any of these values is greater than zero, the sum of these tax amounts will be added to the sales order as a dedicated sales tax line. Proceed to step 3.
3. What is the channel line's assigned tax collection model?
6. If the tax collection model is *MarketplaceFacilitator*, the sale channel's defined MTC account will be assigned on the sales line that is created for sales tax.
7. If the tax collection model is not *MarketplaceFacilitator*, the sale channel's defined TCS account will be assigned on the sales line that is created for sales tax.

Appendix B: Role Center Headline Data

The content of the Role Center headlines is stored in this new table. This table is regularly updated by Suite Engine as part of CSM updates. This appendix is being included to provide information on this table and how it supplies the Role Center with headline information.

Note: End-users will not need to manually maintain this data in the headline table in Business Central.

Search for "**Role Center Headline Data**" to locate this information.

Field	Description	Value Type	Example Value
Edit List	This is the ability to edit the Role Center Headline Data within the table.	N/A	N/A
Update CSM Role Center Headlines	This will populate CSM Role Center Headline Data with default info to display in the CSM Administrator Role Center page.	N/A	N/A
Code	This is the unique value to identify this headline.	character limit- 20 all caps alphabetic and/or numeric value	NEWTOCISM
Headline Name	This is the name of the headline for user reference.	Alphabetic value first letter of the values in this cell are uppercase, while they are lowercase in others.	New to CSM Insight

Field	Description	Value Type	Example Value
Status	Status of the headline used to determine if it is visible.	Pending/ Active/ Active Dates/ Inactive	Active
Starting Date/Time	The starting time stamp for displaying the headline. This is only relevant if Status is Active Dates.	M/D/YYYY	5/3/2022
Ending Date/Time	The ending time stamp for displaying the headline. This is only relevant if Status is Active Dates.	M/D/YYYY	5/4/2022
Display Order	Indicates the order in which the headline will appear in the role center rotation.	character limit- 10 numeric value	10
Payload Text	This is the main text of the headline.	character limit- 75 alphabetic and/or numeric value first letter of each word is uppercase.	New to CSM? Click here to start using Channel Sales Manager
Qualifier	The title of the headline.	character limit- 50 alphabetic and/or numeric value	New to CSM
Click Action Type	This indicates what will happen when user clicks on the headline text. None means no action; Hyperlink will open the webpage specified in the Hyperlink field and Function requires a Codeunit and function in the Action Processing fields.	None/ Hyperlink/ Function	Function
Hyperlink	The optional URL to navigate to by clicking a link in the headline.	N/A	N/A
Action Processing Function CU	Required if Click Action Type is Function, this is the Object Number of the Code Unit used to process the action.	Numeric value	70338200
Action Processing Func. CU Name	This shows the name of selected Codeunit in Action Processing Function CU.	Alphabetic value first letter of each word is uppercase.	CSM API Utility Functions
Action Processing Func. Name	This is required if Click Action Type is Function, this is the Function Name in the Code Unit used to process the action.	All caps alphabetic value	HEADLINEACTIONOPENC MSETUP


Note: If role center headlines are blank within Business Central refresh the page directly in your browser. Do not use the Update CSM Role Center Headlines tab to refresh the page.

Appendix C: Obtaining Your Amazon Rate Limit

Amazon sets rate limits (also known as “throttle values”) on your API activities to control the number of requests that can be sent to their servers. This is to protect against these servers being overwhelmed by too many requests at a given point in time.

Amazon determines rate limits on a seller-by-seller basis by considering factors such as the seller’s overall transaction volume. It is possible, however, to request that Amazon increase the throughput of your rate limits if you feel data is not being communicated in a timely enough manner.

In order to assist in making this request, CSM allows you to obtain the rate limit that is currently applied to your API functions. This information is stored in an API message’s header. By default, CSM does not save message headers because they can contain sensitive information such as API tokens or other credentials; if you wish to obtain an API function’s rate limit, you must instruct CSM to save an API message’s header information:

1. Choose the  icon, enter **CSM API Functions**, and then choose the related link.
2. Choose the CSM API function whose header information you want to save.
3. Place check marks in the Save Http Request Header and Save Http Response Header fields.

The next time you execute the API function, header information will be saved to the related API message. You can view an API message’s header values from the **CSM API Message** page by choosing the **Related** ribbon, then choosing the **Message Headers** action. If you have instructed CSM to save this information, it will be presented on a separate **API Message Headers** page. From here you can obtain the rate limit for the API function.

***Note:** as mentioned above, API message headers can contain sensitive data, and should only be viewed for troubleshooting or research activities. It is recommended that you disable the ability to save these values once you have obtained the information you need.*