NopCommerce Plug-In for Ship Station, Released 09-10-18

Requirements

NopCommerce: 3.20, 3.30, 3.40, 3.50, 3.60, 3.70, 3.80, 3.90, 4.00, 4.10

Changes in v1.09 - Nop Version 3.60 to 4.10

1) We have only updated new features back to version 3.60. If you are using an older version than 3.60 please email us support@siutil.com and we will provide an update to the version your using
2) All string resources have been re-done to allow for easy upgrades. The first time you enter configuration for the plugin your Nop Log will show missing string resources. You can disregard these errors. Once you enter the configuration screen you won't see these errors in the Nop log after.
3) Added Support for NopCommerce version 4.10
4) Removed Option "SSL" which wasn't needed. ShipStation url will be http or https depending on your NopCommerce url
5) Added Option "Use SubTotal Discount Including Tax" – When discounts are set to use SubTotal Discount Including Tax the Discount line will use this value instead of the order discount value
6) Added Option "Send Canceled Orders" – If a order in canceled in NopCommerce the order will be re-sent to ShipStation and will show as canceled.
7) Added Option "Keep Settings When Uninstalled" – If checked when you uninstall the plugin your settings will not be deleted.

Changes in v1.08

1) Added Multistore support. See Multistore support below
2) Added support for "Associate to Product" attributes. When used the plugin will use the SKU and Weight for the product used by the attribute.
3) Added Option "Add Qty To Attribute Value". The Attribute Qty if available will be added to the start of the Attribute value
4) Added Option "Add Sku To Attribute Value". The Attribute Sku if available will be added to the start of the Attribute value
5) Added Warehouse name to item Location in ShipStation
6) Added Option in configuration to "Include Non-Paid PO Orders" Orders that are received and paid via PO number will be send directly to ShipWorks for shipping. If this option is not checked then you must set the order to paid if your waiting to receive payment from the customer before shipping the product.

Changes in v1.07- All Versions from 3.20 to 4.00

1. Added "Add Discount Total to Line Items" to the plugins configuration screen. See plugin configuration for more details.
2. Fixed address error for address's that do not use all US address fields, city / state or zip code. International address's
3. Added order number to errors that are logged to help with troubleshooting which order caused any errors
4. Fixed issues with "Add Checkout Attributes as Line Items" All Checkout Attribute types weren't supported. This build supports all different types of Checkout Attributes.

Changes in v1.06

5. Fixes issue when Reward points are used to pay for entire order. The Payment Method was Null when a valid Payment Method was expected. In the XML for Payment type "Discount Reward Payment" is now used.
6. Added Last order debug info to Nop Log. When the "Add Requests To Nop Log" setting is checked in the Plugins Config the Last order number processed is added to the log. The order number is saved before any processing of the order. If there are any errors this order number should be the order that is having trouble being processed
7. Added All current features to all Nop Versions from 3.20 to 4.00
8. Added "Suppress Orders That Are Not Shippable" to the plugins configurations screen. See plugin configuration for more details
9. Added "Suppress Order Items That Are Not Shippable" to the plugins configuration screen. See plugin configuration for more details.

Changes in v1.05

1. Updated Plugin to support Nop 3.90
2. Updated Plugin to support Nop 4.00
3. When ShipStation notifies the plugin an order has shipped sometimes the xml isn't received by the plugin. If this happens the current date/time UTC is used to set the shipdate. Also a log warning is added to the Nop log named. "ShipStation ShipNotify XML Is Missing" This could happen because of a customization of the code, another plugin or where the website is hosted possible could block the information making it to the plugin.

Changes in v1.04

1. Updated Plugin to support Nop Version 3.80

Changes in v1.03

2. Improved field length checks when sending data to ShipStation
3. Improved error checking and messages that are reported in Nop log

4. Fixed issue with emails not being sent when ShipStation reports back to plugin that items have shipped.

Changes in v1.02 – Scroll down to Plugin Configuration for more information about changes.

1) Added option "Populate Line Item Field With"
2) Added option "Populate SKU Field WIth"
3) Added option Include "PayPalInfoInNotes"
4) Added option "Add Checkout Attributes as Line Items"
5) Fixed issue with ShipStation Url not being updated when SSL checkbox is checked or un checked.
6) Fixed issue with Error being generated/logged when an item is shipped, and the order is updated back in NopCommerce. Order was updated properly.

Changes in v1.01

1) Fixed issues with order address's
2) Fixed issues with Order Notes when PayPal is used. PayPal response is added to the order notes which are more than the max length allowed by Ship Station. Notes are trimmed to 1,000 characters.
3) Improved error checking and logging of errors to the NopCommerce log
4) Fixed issue with first and last name being concatenated. Sometimes last name would not be added to the output for Ship Station.
5) Added plugin version number to Config screen. This will help make sure that the NopCommerce is loading the correct plugin when its upgraded.

Changes in v1.00

1) Initial Release of plugin to support Ship Station

Multistore Support

Multistore support allows ShipStation to retrieve and separate NopCommerce Multi-Store orders. It supports a single ShipStation account with multiple stores, or multiple ShipStation account with a single store. Privacy is an added benefit to multiple store configuration because it prevents shipping departments from viewing and accessing orders from other stores.

The installation and setup for single and multiple stores is identical except for when you are setting the multi-store URLs. Set each store in ShipStation to point to the store URL in NopCommerce that you want to retrieve orders from.

Currently the plugin admin user configuration is the same across all stores. The NopCommerce for ShipStation plugin license has been extended so each license you purchase is activated for a Single NopCommerce installation and supports any number of stores under that installation.

Installation & Configuration Guide

Plug-In Install

1) Copy the SiUtil.ShipStation folder from the downloaded ShipStationPlugin.zip file into your web servers root Plugins folder (i.e. http://*www.yourstore.com*/Plugins). Make sure you use the correct plugin version for the version of NopCommerce you are using. Copy just the SiUtil.ShipStation folder to the plugins folder. The zip file contains folders with each supported NopCommerce version (Nop_350, Nop_360, Nop_370 and so on.)

2) Log in to your web site as an administrator and click the "Restart Application" link in the upper right hand corner of the admin page. This will allow NopCommerce to locate the new Plug-In.

3) Select Configuration -> Plugins, locate the Ship Station Plug-in and click the Install link.

4) If you are upgrading, make sure to go to the plug-in configuration and click save. This will update any new/changed settings

Plug-In Un-Install

When you Un-Install the Ship Station plug-on from NopCommerce, all settings will be deleted.

Trial Version

The trial version will function with all features for 30 days after the trial plugin has been ordered from www.siutil.com. Once the trial has expired orders or shipment updates will no longer work. You'll need to purchase the plugin.

Plug-In Configuration

SSL:

When checked Only Secure Connections to Ship Station will be allowed. Recommended for security since the username, password and all data is sent in plain text.

License:

Enter your license key from your account at http://www.siutil.com/customer/info. Once you login under "My account" click on Downloadable products where you will be able to copy your license key and/or re download your purchased product.

Ship Station Url:

Generated Url to enter when setting up your custom store at www.shipstation.com
www.[YourDomainName]/ShipStation

Page Size:

Enter Number of records to allow Ship Station to retrieve on each request. Default is 500 and Max number allowed is 500

Set Order Status to 'Completed' when Ship Stations order is set to 'Shipped':

When Ship Station notifies your Nop Commerce website that an order has shipped, the shipping status will be changed to Shipped and the Order Status will be changed to Completed.

Send Shipping Emails:

When Ship Station notifies your Nop Commerce website that an order has shipped, The Nop Commerce Shipping email will be sent out.   Make sure you have this turned off in ShipStation so the customer doesn't receive 2 emails when their order has shipped.   If you use Mark as Shipped in ShipStation don't check notify customer if this option is turned on in the plugin.

Include NOP Order Notes in Payload:

Sends all of the Order notes from the order to Ship Station. Currently Ship Station only supports a single order note so these will be combined when sending the order to Ship Station.

Include Customer Order Notes in Payload:

Sends all of the Customer Order notes from the order to Ship Station. Currently Ship Station only supports a single order note so these will be combined when sending the order to Ship Station.

Add Requests to Nop Log:

Used for debugging, saves any requests from Ship Station to the Nop log.

Add Order Xml to Nop Log:

Used for debugging, saves the orders xml that is retrieved by Ship Station to the Nop log.

Add Ship Notify Xml to Nop Log:

Used for debugging, saves the Ship Notify xml when an order is shipped in ShipStation to the Nop Log

Populate SKU Field with:

Allows the user to select which Nop Field is used to populate the SKU field in ShipStation. SKU, Order Line Item Id or MFG Part Number.

Populate Line Item Field with:

When Order Item ID is selected the id of the order item is used. When Incremental is selected each line item will be incremented starting with 1. If "Add Checkout Attributes as line Items" is checked incremental will include these line items also.

Include PayPal Info in Notes:

When checked the PayPal info returned to NopCommerce and added to the notes by NopCommerce will be included in the order sent to ShipStation. If not checked these notes will be ignored. Since there is a character limit to the notes in ShipStation.

Add Checkout Attributes as Line Items:

When checked Checkout attributes will be added as line items in the order. This will allow the information to be passed to your shipping department.

Suppress Orders That Are Not Shippable:

When checked entire orders that are not shippable will be excluded from being sent to ShipStation. These are orders that are either pickup in store, do not have a shipping method set, downloadable products.

Suppress Order Items That Are Not Shippable:

When checked only order items that are not shippable will be excluded. These items are downloadable products or gift cards.

Add Discount Total to Line Items:

When checked, discounts are added as line items. If a coupon codes are used the coupon codes are also added to the line items name.

Include Non-Paid PO Orders:

Added Option in configuration to "Include Non-Paid PO Orders" Orders that are received and paid via PO number will be send directly to ShipWorks for shipping. If this option is not checked then you must set the order to paid if your waiting to receive payment from the customer before shipping the product.

Add Qty to Attribute Value:

When checked, the Qty for the attribute (or associated product) will be added to the attribute value.

Add Sku to Attribute Value:

When checked, the Sku for the attribute (or associated product) will be added to the attribute value.

Use SubTotal Discount Including Tax:

When discounts are set to use SubTotal Discount Including Tax the Discount line will use this value instead of the order discount value.

Send Canceled Orders:

If an order in canceled in NopCommerce the order will be re-sent to ShipStation and will show as canceled.
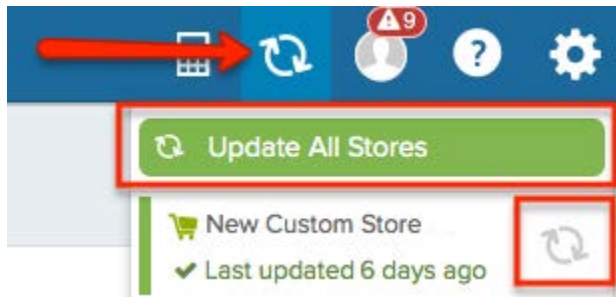
Keep Settings When Uninstalled:

If checked when you uninstall the plugin your settings will not be deleted.

Ship Station Configuration

1) Log into your Ship Station account at http://www.shipstation.com
2) Click on "*Account Settings*" (the gear icon in the top right)
3) Click on "*Selling Channels*"
4) Click on "*Store Setup*" from the side bar on the left
5) Click "*+ Connect a Store or Marketplace*" and choose the "*Custom Store*" Option
6) Enter your Nop Commerce Admin accounts username and password from Nop commerce (you can create a separate user account in Nop commerce for this. Just make sure the account has full administration rights)
7) For "URL to Custom XML Page", copy the Ship Station URL in the plugins configuration screen and paste here. If the SSL setting is turned on url should start with https, if the SSL settings is turned off url should start with http
8) Click the Connect button and if everything is working then the Connection window will go away and you'll be back to the Stores & Marketplaces screen
9) Nop Commerce supports 3 different order status's (Order Status, Payment Status and Shipping Status) and Ship Station supports a single order status. You'll need to put Processing in the Awaiting Shipment Status box. If you leave this at the default in Ship Station, then no orders will be imported. Click on the Edit link for the store you just created. Scroll down to the bottom and Add Processing to the Awaiting Shipment Statuses text box.

Bringing Order into ShipStation

ShipStation requests orders from the Plugin during ShipStation's store updates. ShipStation users can trigger store updates manually by hovering over the update icon and opting to update all or individual

a. Additionally, users can enable an auto-update feature so that ShipStation periodically update a store's orders. The auto-update frequency depends the user's history of manual updates and several other factors.

b. **Send Shipping Notifications from ShipStation**

By default, ShipStation sends shipment notifications to the plugin whenever a shipping label is created in ShipStation. These notifications can even be delayed, if the user prefers. If the ShipStation user creates shipping labels outside of ShipStation, the user has access to a 'Mark as Shipped' action within ShipStation, which can also post shipment notifications to your Web Endpoint. When using the Mark as Shipped feature in ShipStation make sure you check the Send to Marketplace checkbox. If not, then the Shipping notification will not be sent to the plugin.

Errors

Errors generated by the plugin will be logged into the Nop Commerce Log. To help with debugging you can also have the requests, returned xml for orders and Ship Notify xml added to the Nop log for debugging assistance. See the Plug in Configuration section for these options.

ShipStation SSL Error:
A secure (https://) connection is required. Check the SSL settings in the Configuration screen

ShipStation License Error
Invalid ShipStation plugin license detected on server. Contact support@siutil.com.

ShipStation License Error
Trial has expired past 30 days, please purchase plugin or contact support@siutil.com

ShipStation Parameter Not Supported

If a new feature or parameter is received by the plugin and not support this message will be logged.

Field Mapping

ShipStation Fields	Nop Commerce Fields
Order Info	
OrderID	Order Number
OrderNumber	Order Number
OrderDate	CreatedOnUtc
OrderStatus	OrderStatusId
LastModified	CreatedOnUtc
ShippingMethod	ShippingMethod
PaymentMethod	PaymentMethod
OrderTotal	OrderTotal
TaxAmount	OrderTax
ShippingAmount	OrderShippingExclTax
CustomerNotes	Order Notes - Display to customer = true
InternalNotes	Order Notes - Display to customer = false
Gift	Not Supported
GiftMessage	Not Supported
CustomField1	Po Number
CustomField2	Blank
CustomField3	Blank
Source	Set to the string "NopCommerce"
Customer Info	
CustomerCode	Order.Customer.Email

BillTo Info

Name	Billing Address.FirstName
Company	Billing Address.Company
Phone	Billing Address.PhoneNumber
Email	Billing Address.Email

ShipTo Info

Name	ShippingAddress.
Company	ShippingAddress.
Address1	ShippingAddress.
Address2	ShippingAddress.
City	ShippingAddress.
State	ShippingAddress.
PostalCode	ShippingAddress.
Country	ShippingAddress.
Phone	ShippingAddress.

Item Info	**Each Item attached to an order**
LineItemID	OrderItem.Id
SKU	Product.SKU
Name	Product.Name
ImageURL	Product.Image
Weight	OrderItem.ItemWeight
WeightUnits	Current Measured weight setting in NopCommerce Pounds,Ounces or Grams
Quantity	OrderItem.Quantity
UnitPrice	OrderItem.UnitPriceExclTax
Location	Product Warehouse name
Adjustment	FALSE

Option Info	**Each Option attached to an item**
Name	Product Attribute Name
Value	Product Attribute Price
Weight	Not Supported