SUPPORT@CEDCOMMERCE.COM

[Jet-Opencart Integration]

Jet-Opencart Integration, an extension by CedCommerce, establishes synchronization of inventory, price, other details for product creation and its management between Opencart store and Jet.com. The smooth harmonization is established with help of Jet.com REST API.

Jet-Opencart Integration

User Manual

Version – **2.0.0.0**

Contents

OVERVIEW

CedCommerce **Jet-Opencart Integration**, establishes synchronization of inventory, price, other details for product creation and its management between Opencart store and Jet.com. The smooth harmonization is established with help of Jet.com REST API.
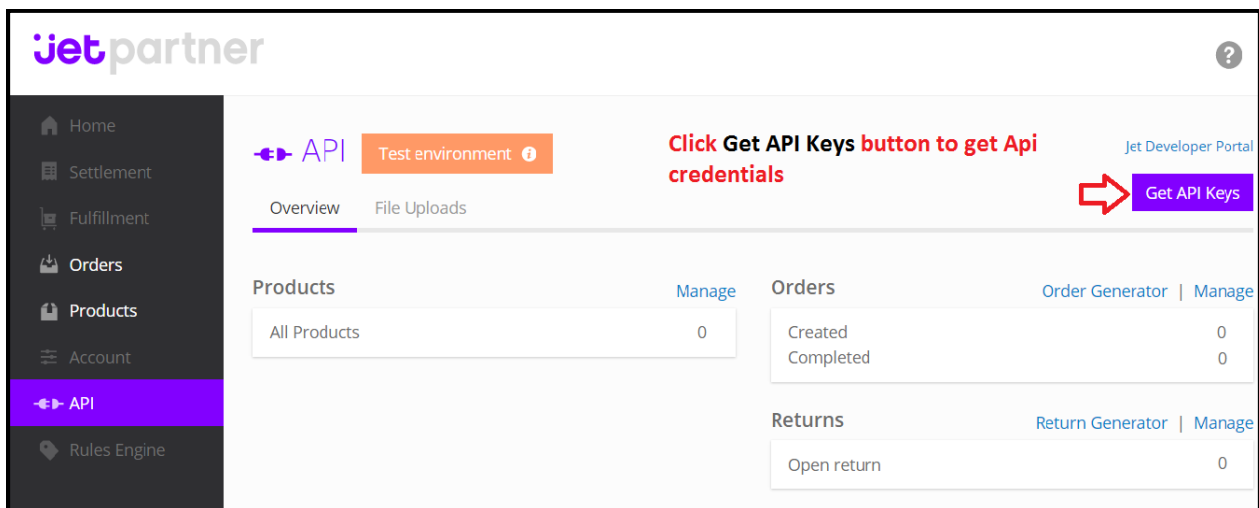
This extension provides various key features**: -**

- User friendly interface delivers bulk management (product upload, product close, product open).
- Maps single **Opencart store** to **Jet.com** with single **Fulfilment node.**
- Import **Jet.com** orders to convert it into regular **Opencart Orders & Shipments**.
- Admin can manage returns of **jet products.**

In this extension currently we have provided support for two types of products **Simple** and **Configurable** which means only two types of products can be uploaded to Jet.com.
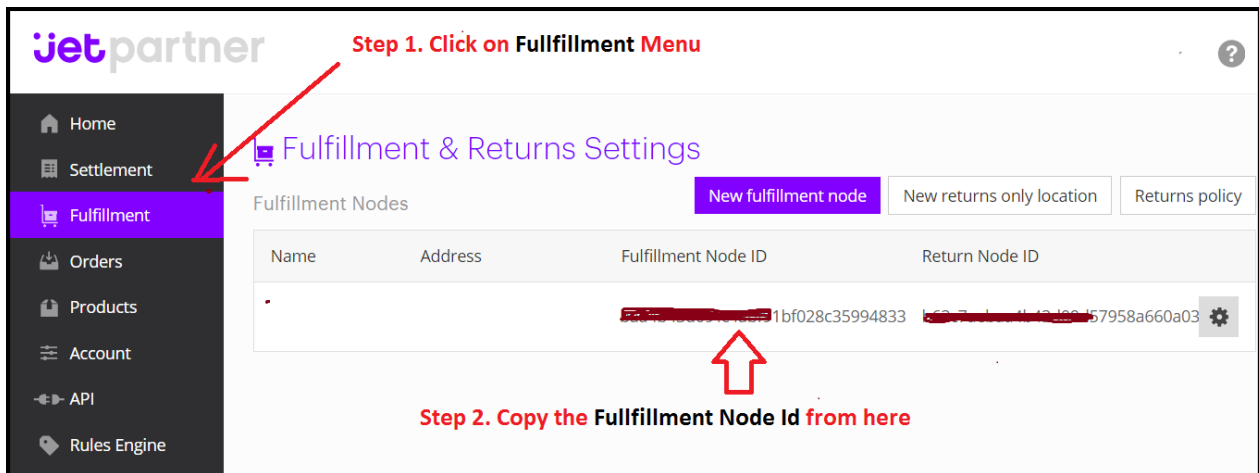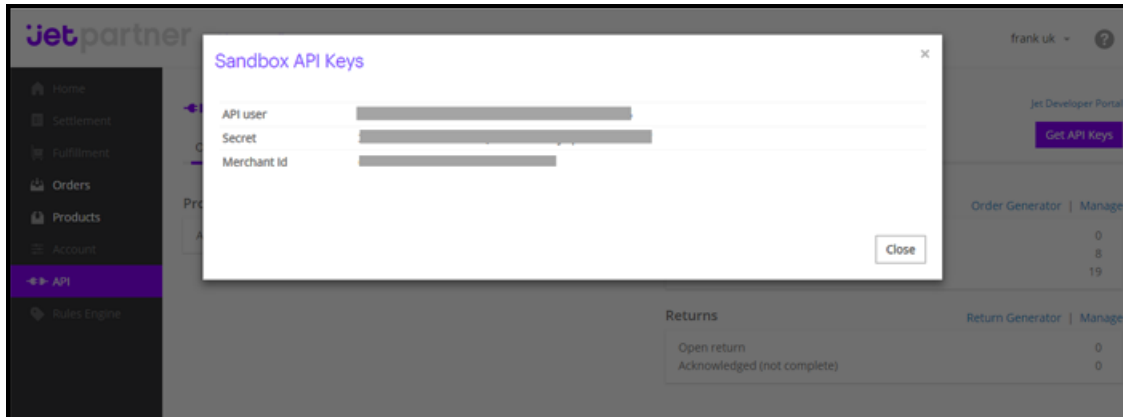
JET CONFIGURATION SETTINGS

In order to obtain **Jet API key**, **API Secret** and **Fulfillment Node Id** the merchant needs to go to https://partner.jet.com/ and login to his account.

Clicking on **Test** shows Sandbox mode and clicking on **Live** shows Live mode.

- After that obtain the **API key** and **Secret.**
- Generate a **Fulfillment Node** as per **Jet specifications** to have a **Jet Fulfillment Node Id**.
- These details will be used in the configuration settings in the merchant's admin panel.
- Once the merchant installs this extension, configuration settings will be created in his Opencart admin panel's **System Configuration** under **Extensions > Modules > Jet API Management > Edit** section.
- A menu will be added in the left menu section named as **Jet API Management** that will consist of all the panel listing. This extension will also create a tab in the **product's general tab** named as **jet-attributes.**

Jet Configuration Setting can be done from here with the help of jet **Partner Panel**.

Here the mandatory settings merchant needs to enter:

- **Jet-Email**: Email id you registered with Jet.com.
- **Jet-Api-Url:** Jet Api url which you got from the jet.com **https://merchant-api.jet.com/api.**
- **Jet-Authentication-Token:** This token is **auto-generated** and the merchant does not need to fill this. This token gets generated and refreshed from time to time based on the information provided in the Jet API Management configuration.
- Jet API User (*API User* in Jet).
- **Jet API *Password*** (*Secret* in Jet).
- **Jet Fulfillment Node** (not *Merchant Id* of Jet, go to **Fulfillment > Fulfillment Node Id** from left navigation menu in the Jet Partner Panel).
- **Type of Increment:** Type of increment in price you want on jet.com for the uploaded products.
- **Increment Amount:** Amount of increment in price of products on jet.com.
- **Customer Email for Order:** Email for jet orders.
- **Return Addresses (1,2):** Return addresses, the place where your return orders will be returned.
- **Return Address City:** City where your return addresses are located.

- **Return Address State:** You need to fill the **ISO-CODE** of the state where your city is located.
- **Return Address Postcode:** Postcode for those addresses.
- **Cron urls:** For fetching the orders, acknowledging the orders, fetching errors, fetching returns, fetching product status, etc. the specific crons need to be set on the server.
- **Enable Log:** Select Yes, if you have to create error logs for Jet errors.

Amount of Increment ❓	5
Customer Email for Order ❓	
Return Address 1 ❓	
Return Address 2 ❓	
Return Address City ❓	
Return Address State ❓	
Return Address Postcode ❓	
Auto Order Acknowledge ❓	Disabled ▾
Jet Cron Urls For Updates ❓	http://192.168.0.108/opencart-jet/index.php/ced_jet/cron.php
Product Status Fetch Cron ❓	http://192.168.0.108/opencart-jet/index.php/ced_jet/cron/productStatus.php
Product Errors ❓	http://192.168.0.108/opencart-jet/index.php/ced_jet/cron/errorFetchProduct.php
Create Returns ❓	http://192.168.0.108/opencart-jet/index.php/ced_jet/cron/fetchReturns.php
Auto Acknowledge Orders ❓	http://192.168.0.108/opencart-jet/index.php/ced_jet/cron/orderAcknowledge.php

JET API

To integrate **Opencart store with jet.com** firstly the merchant needs to enable his API setup on jet.com. If any merchant has created his account on jet.com and not enabled his API yet, then he can enable his API panel from **Jet API Management > Activate Api.**

After setting up the Configuration Settings, this step is mandatory to be followed for the first time users who have just installed this extension. In order to obtain the live mode credentials, all the Test APIs should be run because Jet doesn't provide Live Mode details until all the Test APIs have been setup.

i. Enable Product API

To enable the product API, the merchant needs to send SKU, price and inventory of the test product on Jet. So a setup has been prepared. For this the merchant only needs to click on the **Send** link.

Jet Api Activation Home / Jet Api Activation

Jet Api Activation

❓ Enable Product Api

Send Merchant SKU
Send Successfully
Send Price Send Successfully
Send Inventory Send Successfully

ii. Enable Order API

To enable order API on jet.com the merchant needs to create an order from Order Generator. For this a link has been given named as **Order Generator.**

Enable Order Api

order generator
Acknowledge order Send Successfully
Ship order Send Successfully
To enable cancel order Firstly create order with cancel quantity from here.. **order generator**

Cancel Order Send

iii. Enable Return API

Return API used to manage Returns generated for the completed order on jet.com.

JET CATEGORY

On categories tab of "**Jet Api Management**", you will to see the grid of available jet categories based on the Taxonomy csv of category. On the top left there are two buttons: -

1. Create Category and Map
2. Map Categories to Jet

i. Create Category and MAP

After selecting the desired category, you want to create, click on the "**Create Category and MAP**" button. The selected category will be created and mapped to the jet category by default.

ii. Map Categories to Jet

If you want to map any existing category, you can choose the category of Opencart you want to map from the left column and the corresponding Jet category from the right column.

Now click the Add (+) button to add this mapping. Here you can also map all the categories to one jet category or particular category to a particular jet category.

You can see the attributes of the category and their values by clicking on "**view**" link in the category grid and choosing the desired or appropriate category for your product which have similar attributes to map with the product attribute and options.

Jet Categories Home / Jet Categories

✏ Edit Category

Category Attributes	Attribute Name	Description	Attribute Type	Values
31	Age Range	Age Range	0	• Up to 2 • Ages 3-5 • Ages 6-8 • Ages 9-10 • Ages 10-12 • Ages 13+
34	Genders	Gender	0	• Boys • Girls • Unisex
50	Size	Size - Free Text	1	
119	Color	Color	1	
225	# of Pieces	# of Pieces	1	

When you map your **Opencart category,** all the products of that mapped category get listed in the **Jet Product grid**.

JET PRODUCT

After category mapping the product which belongs to the mapped Opencart category will be listed in the Jet Products grid. If you mapped all the categories to a single jet category, then all the products (which have been assigned an opencart category) will be listed in the jet products grid.

Product list page has five buttons at the top right:

Bulk Upload

After selecting the products, you want to upload click on the button "**Bulk Upload**". After clicking you will be able to see the progress of product upload process. If the product has all the valid data, then you will see a success message corresponding to that product or if it has some error or required field missing then you will see an error message corresponding to that product.

Bulk Archive

To archive/close/disable any already uploaded product on Jet, select the desired products and click on the **Bulk Archive** button. Archived products are not listed on jet.com and their inventory becomes "*zero*".

Bulk Unarchive

To unarchive/open/enable any already archived product on Jet, select the desired "Archived" products you want to list again and click on the "**Bulk UnArchive**" button. Unarchiving the products is a procedure to list the archived products again on jet by sending their inventory".

Sync Product

Select the desired products and click on the button "**Sync Products**" in order to synchronize the quantity and price of those products on Jet. If you have made any modifications in other fields, you can re-upload the product and this will update extra fields of the product on jet.

Jet Status

If you want to fetch the current status of the products, you can select the products and click on the button "**Jet Status**" to update their status.

On clicking the edit button you can update the following date in jet products: -

1. Shipping Exception
2. Return Exception
3. Available Jet Attributes
4. If a product has options, then the combination of options will be used to create a Configurable product, as these variants of the product are send on jet as a product with independent children with different unique fields like merchantsku, upc, mpn brand, etc.
5. **Product Data On Jet** tab fetches the products data from jet and displays the data.

Rejected Files

This section lists the error files whenever any product is uploaded with some invalid or incomplete information. Jet rejects such products and as a result three ".json" files are generated: Merchant SKU (contains general data of the product), Inventory (stock and quantity related data) and Price (price related data of the product). Now it is the responsibility of the merchant to rectify those errors and resubmit the product.

Product's Fields Mapping

Mapping functionality is available for product's fields. You can map jet product attribute fields to Opencart product data fields. It contains the default mapping of fields, you can change the mapping of fields and map with other product fields.

Now admin has to update following information in each product which he wants to upload on Jet.com.

Necessary information during product uploads:

1. It must be assigned to any mapped **Jet category**.

2. **Brand** information is mandatory to be given for each Product.

3. Each product must have one of the following information (**UPC, GTIN-14, ISBN-13, ISBN-10, EAN, and ASIN**) otherwise provide **Manufacturing Part Number** information of the product.

Note: Product can be uploaded on jet with Brand & Manufacture part number but those products will never be live on jet.com so one of the below attribute value is required for each product on jet.

UPC or
EAN or
ASIN or
GTIN-14 or
ISBN-13 or
ISBN-10

Initially when the product will be uploaded, its default status will be **'Not Uploaded'**. When the product will be successfully uploaded its status will change to **'Under Jet Review'**.

Information to be filled for product

Information for Jet upload can be filled from **jet attribute** tab on **Product Edit Page**.

Here merchant can fill all the information about the product required by Jet:

1. Standard product code UPC**, GTIN-14, ISBN-13, ISBN-10, EAN, and ASIN**.
2. **Brand** & **Manufacturer Part Number** information.
3. **Additional Information** for product to be uploaded on Jet.

You can Map jet attributes with existing options and their values with particular option values. Corresponding to options values configurable products are created with their combinations.

CREATE JET ORDERS

To fetch the newly created Jet orders in your opencart store, go to **Jet Api Management > Jet Orders > Orders.**

Initially the orders remain in the **ready** state if auto-acknowledge feature is not enabled. After acknowledgement their status becomes **acknowledged** and then finally after shipment their status becomes **complete**.

- By clicking "**Fetch Order**" all jet orders are created it your opencart store in ready state.
- After creating the jet order, you need to acknowledge the order within 15 minutes, otherwise it will be assigned to another merchant. If the order fails to create due to inventory or status, it is listed in **Jet Rejected Orders** list as order is rejected on jet.
- After you have acknowledged the order you can ship the order by clicking on truck-icon. A shipment form will come where you have to fill the following entries: -
  a) Shipment-tracking-number
  b) Response-shipment-date
  c) Response-shipment-method
  d) expected-delivery-date
  e) ship_from_zip_code(minlength-5, maxlength-5)
  f) carrier-pick-up-date

After that in shipments section fill the following entries:

- **Response_shipment_sku_quantity:**
  - It is the number of the quantity which you can fulfill and it can't be greater than the **REQUEST_ORDER_QTY** but can be equal to this.
  - It is a required field you have to fill this.

- **Response_shipment_cancel_qty:**
  - It is the number of the quantity which you cannot fulfill and it can't be greater than the **REQUEST_ORDER_QTY AND REQUEST_ORDER_CANCEL_QTY.**
  - If you can fulfill all the items, then you have to fill zero in this field.

- **Return Location:**
  - If you selected as "yes" then you need to provide the following values:
    - RMA Number
    - Days to Return

- After shipment your order status will be changed to complete.

	Order ID ^	Customer	Status	Total	Date Added	Date Modified	Action
☐	6	Santa's Little	Complete	$509.72	20/05/2016	20/05/2016	👁
☐	5	Snowball	Complete	$261.04	11/05/2016	11/05/2016	👁
☐	4	Marge Simpson	Complete	$248.23	11/05/2016	11/05/2016	👁
☐	3	Homer Simpson	Complete	$255.46	11/05/2016	11/05/2016	👁
☐	2	Marge Simpson	Complete	$206.00	14/04/2016	14/04/2016	👁
☐	1	Bart Simpson	Complete	$212.00	14/04/2016	14/04/2016	👁

CREATE JET RETURNS

To fetch the newly created jet returns in your opencart store, go to **Jet Api Management > Jet Returns > Fetch Returns** button.

Initially the returns remain in the **created/return not accepted** state and after acceptance by the merchant they change to **complete** state.

- It will fetch all the returns created for your orders which are in completed status and list them in the jet returns section with status **jet_return_created.**
- After fetching the returns from jet you can accept or reject them by clicking on **view** link and filling the required details.

Product Returns Home / Product Returns

Fetch Returns from Jet ⟶ **Fetch Returns** 🗑

☰ Product Return List

	Return ID	Order ID	Customer	Product	Model	Status	Date Added	Action
☐	7	6	Santa's Little	Apple Cinema 30"	Product 15	completed by merchant	20/05/2016	👁
☐	6	6	Santa's Little	Apple Cinema 30"	Product 15	completed by merchant	20/05/2016	👁
☐	5	5	Snowball	Apple Cinema 30"	Product 15	return not accepted	11/05/2016	👁
☐	4	4	Marge Simpson	Apple Cinema 30"	Product 15	return not accepted	11/05/2016	👁
☐	3	3	Homer Simpson	Apple Cinema 30"	Product 15	return not accepted	11/05/2016	👁
☐	2	2	Marge Simpson	HP LP3065	Product 21	jet_return_created	14/04/2016	👁
☐	1	1	Bart Simpson	HP LP3065	Product 21	jet_return_created	14/04/2016	👁

Product Returns Home / Product Returns

Click to send return accept or reject data →

✏ Edit Product Return

General

Notiec ❓

Please select all merchant skus in one return as while doing in parts will leads to redundency in few cases on jet. ❓

Reference Order Id * ❓

571270518311

This is a return id on Jet.com for current order.

Merchant Order Id * ❓

0974b2122a12429d990671f76775f6d1

This is Order Id for current Order at Jet.com.

Agree To Return * ❓

No ▾

If Yes that means the merchant agrees to wholly pay the return charge to Jet.com from the return notification.

Return Charge Feedback * ❓

other ▾

The reason the merchant does not agree to the return charge for the return notification.

Merchant SKU : fanaltest12

Merchant SKU : fanaltest12

○ Return For MerchantSKUs : fanaltest12 ← Choose this for all products you accept or reject return

| Order Item Id * ❓ | 86627037eb884f30bfdfe55ddef9a974 |
| | Jet's unique identifier for an item in a merchant order. |

| Qty Shipped | 1 |
| | Quanity Ordered for this item in current order. |

| Qty To Be Returned | 1 |
| | Quanity of the given item that was returned. |

| Principal | 241 |

| Tax | |

| Shipping Cost | 7.23 |

| Shipping Tax | |

| Reason | Product is defective / does not work |

| Return Refund Feedback * ❓ | other ▾ |
| | The reason this refund is less than the full amount. |

JET REFUND

If a customer returns that product/order directly to the merchant without the involvement of jet.com, then the merchant needs to send a request on jet.com for completing this type of return. To manage this type of return there is a panel '*Jet Refund'*.

To open the refund panel, go to **Jet API Management > Jet Refund**. This section will consist of the grid displaying the refunds created till date. To create a new refund, click on the "**+**" button.

Select the order id for which the refund has to be created and then click on the Submit button. Refund form will open up. Fill in the complete details in the form as needed and then click on the **Generate** button.

Jet Refunds Home / Refunds

Generate

create refund

product	Product 15
Order_item_id	ca4d05cfe6b14c37aa2093f2fa56ee37
Alt_order_item_id	ca4d05cfe6b14c37aa2093f2fa56ee370
Total_quantity_returned	
Order_return_refund_qty	
refund_reason	Better price found elsewhere
refund_feedback	item damaged
notes	
principal	251

Enter the quantity which the customer wants to refund

Enter the quantity which the merchant agrees to refund

principal	251
tax	
shipping_cost	10.04
shipping_tax	

Enter the tax amount if any

Generate — *After filling the complete form click on this button to create the new refund*

CRON STATUS

The updated status will be reflected (visible) as follows: -

Activity	Time Required for Updating (min)
Order Creation	Every 10 minutes
Error in Rejected Files	Every 10 minutes
Return Status	Every 30 minutes
Acknowledge Status	Every 30 minutes
Product Status update	Every 20 minutes

SUPPORT

If you need support or have questions directly related to JET OPENCART INTEGRATION, please use our Online Message Form to contact our support team or send us an email at support@cedcommerce.com

Best Regards,

CedCommerce Team