Xero Integration

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Description:

Xero integration allows you to sync your OpenCart store with your Xero account. Export your orders and customers over to your Xero account easily with this integration.

Features:

- Sync your OpenCart customers with your Xero contacts
- Sync your OpenCart orders with your Xero invoices
- Sync your products with your Xero inventory
- Automated syncing with cron job
- Option to choose order statuses to sync
- Option to choose order statuses to remove from Xero
- Supports multi store – Export orders to different sales account in Xero based on the store the order belongs to
- Supports a different account code for your freight / courier charges

Installation:

1. Unzip the files.
2. Sign up for a Xero account if you do not have one.
3. Generate a certificate for Xero to authenticate you. Read on below on 'How to generate a certificate'.
4. Create your application at http://api.xero.com/. Follow the instructions provided by Xero to create your own **private** application.
5. Upload the files INSIDE the "upload" folder to your OpenCart root folder. **NOTE: No file should get replaced!
6. Upload the certificate your had generated to /system/cert/ folder. The 2 files should be named xero_public.cer and xero_private.pem.
7. In admin panel, **grant yourself access and modify privilege** in System > User > User Groups. Then, proceed to Extensions > Xero and configure accordingly. **Further explanation of each configuration field is available below.**
8. Set up a cron job after you are done with configuring. The cron job command is provided in your admin panel.
9. Always remember to click 'SAVE' if you had made any changes to the configurations. Then, click export if you wish to.
10. Proceed to OpenCart and/or our website to rate our work.

How to generate a certificate:

You need to have basic computer knowledge to do the following. Xero requires you to generate a certificate to use their API.

Windows

1. Download and extract the zip file(https://www.dropbox.com/sh/r70yevrfgqh6tjm/FFzIj2YhYj) to your C drive so it looks like C:\openssl\ now.
2. Search for cmd on your system and right click > run as administrator
3. Browse to the folder C:\openssl\bin\ with the following command
    cd C:\openssl\bin
4. Run the following commands to generate a certificate. A couple of questions would be asked. Answer them as accurately as possible.
    set OPENSSL_CONF=c:\openssl\bin\openssl.cfg
    openssl genrsa -out xero_private.pem 1024
    openssl req -newkey rsa:1024 -x509 -key xero_private.pem -out xero_public.cer -days 1095
5. You should now find the certificate in your C:\openssl\bin\ folder. The 2 files xero_private.pem and xero_public.cer would be what you need.

Linux and OS X

You will need to either contact us or sort this out personally. Linux distributions should have openssl installed and you can just run the openssl commands to generate your certificates.

Features and Explanation:

API Consumer Key
The API Key (consumer key) is available from your Xero application. This is a required field for authentication.

API Consumer Secret
The API Secret (consumer secret) is available from your Xero application. This is a required field for authentication.

Sales Account Code
Normally this is **200**. This is the sales account code. If you have more accounts in your Xero account for your multi store setup, you can assign each multi store a different account code.

Shipping Account Code
Normally this is **425**. This is the freight / courier account code. If you do not wish to separate those out, you can also enter 200 as the code.

Inventory Account Code
Normally this is **630**. This is the inventory account code for tracked inventory. Fill this up only if you wish to track inventory. Cost of Goods Sold Account Code must also be filled up.

Cost of Goods Sold Account Code
Normally this is **310**. This is the cost of goods sold account for tracked inventory. Fill this up only if you wish to track inventory. Inventory Account Code must also be filled up.

Default Invoice Status
The default status of the invoice sent over to Xero. It can only be authorised or draft.

Customer Action
By default, Xero does not recognise unique customers sent over. Hence, if 2 users have the same first name and last name, they will replace each other. If you are certain you will not have such issue, or if you do not mind, choose the **REPLACE** action. Else, choose either **PREPEND** or **APPEND** to prepend / append their unique customer ID to their name.

Token
This will be the token the system cron job uses. This is to prevent unauthorised running of the Xero extension. Alphanumeric can be used. The box below will be the cron job command to use for your cron job. Best recommended to run Xero cron command hourly.

HTTP Loopback Workaround
This is a workaround for web hosts that have HTTP loopback prevention. Do not enable this unless your orders are not exporting and you have confirmed that loopback prevention is enabled on your server.

Order Statuses to Export
This will be the order status the orders are required to reach before they are sent over to Xero. This will be good to reduce pending payments on your Xero account.

Order Statuses to Remove

This will be the order status the orders are required to reach before they are removed from Xero. Do note that AUTHORISED invoices will be voided, and DRAFT invoices will be deleted. If orders are already marked to other statuses on Xero, Xero does not allow us to update it.

Tax Display on Xero

Various people have various ways of calculating taxes. Choose the one that suits you most. If you do not charge taxes, or taxes is already included into the product prices, either of the three options will do the job. If you wish to let Xero calculate the taxes you had set up there, then choose 'Do not output'. If you want to see the exact same invoice calculation as your OpenCart store, choose 'Display as individual item'.

Sync Products to Xero Inventory

Xero has their own inventory. If you wish to sync your products quantities with Xero, you can turn on this function. We will then attempt to sync the stock quantities from Xero and update your product quantities on OpenCart. Model code is used for keeping Xero and OpenCart in sync.

Debug

This writes debugging logs to your error log. Do not enable if you do not need to debug this software. Enabling will write debugging data to your error logs.

Mark all orders

Mark all orders as exported and our system will ignore all the orders previously made on your store.

Unmark all orders

Mark all orders as **not** exported and our system will attempt to export all orders again.

Change Log:

Version 3.2.1 (13/07/2016)
- Fixed compatibility with OpenCart 2.3.0.0

Version 3.2.0 (08/03/2016)
- Updated installation manual
  Version number remains unchanged

Version 3.2.0 (09/02/2016)
- Fixed OC 2 minor search not found
- Added HTTP Loopback workaround
- Fixed minor bugs

Version 3.1.3 (29/12/2015)
- Fixed fatal bug in Xero admin customer export

Version 3.1.2 (21/12/2015)
- Fixed customers looping only first 50
- Fixed products looping only first 50

Version 3.1.1 (16/12/2015)
- Fixed fatal bug preventing export to be done
- Fixed bug preventing customers from being exported

Version 3.1.0 (11/12/2015)
- Added new design for OC 1.5
- Fixed not decoded characters
- Fixed cron job issue
- Fixed redirect issue on OC 1.5

Version 3.0.0 (25/10/2015)
- Changed how system exports
- Built background processing feature
- System automatically limit orders and data to export
- Added inventory sync with Xero

Version 2.1.2 (16/06/2015)
- Fix licensing system issue on OpenCart 2

Version 2.1.1 (19/05/2015)
- Minor admin permission fix

Version 2.1.0 (14/05/2015)
- Minor admin aesthetic improvements

Version 2.0.5 (22/04/2015)
- Bug fixes for customer export
- OC 2.0.2.0 mail support compatibility fix

Version 2.0.4 (27/03/2015)
- Bug fixes for tax calculation

Version 2.0.3 (26/03/2015)
- Minor bug fixes

Version 2.0.2 (24/03/2015)
- Minor bug fixes

Version 2.0.1 (04/02/2015)
- Minor bug fixes for OC 1.5 version

Version 2.0.0 (03/02/2015)
- Updated API library
- Rewrote integration with Xero to improve performance
- Added 'reference' to invoice
- Added 'contact number'

Version 1.3.1 (23/12/2014)
- Update support Facebook link

Version 1.3.0 (23/10/2014)
- OC 2 compatibility

Version 1.2.4 (23/05/2014)
- Multi-currency handling

Version 1.2.3 (17/05/2014)
- Bug fixes

Version 1.2.2 (26/03/2014)
- Bug fixes

Version 1.2.1 (22/03/2014)
- Bug fixes

Version 1.2 (22/03/2014)
- Supports shipping account code
- Supports inventory export
- Supports proper tax calculation according to needs
- Better handling of customers
- Bug fixes

Version 1.1.1 (10/02/2014)
- Bug fixes

Version 1.1 (13/12/2013)
- Supports multi store sales code

Version 1.0 (16/11/2013)
- Extension created.