

Nochex API Module

Zen Cart

*A step by step guide to integrating Nochex with
your website*

*All the information you need to be up and running
with your account*

IMPORTANT

Customers are always recommended to back up their code before making any significant changes, such as the ones detailed in this document.

Table of Contents

Introduction to Nochex.....	2
About Nochex	2
Setting up Nochex as a Payment Option	3
Nochex Installation Instructions.....	4
Debugging and Troubleshooting	8
Still experiencing problems?	9

Introduction to Nochex

About Nochex

Nochex is a UK based, independently-owned provider of secure online payment solutions. Established in 1999, the company's payment system is now installed on thousands of websites and integrated into a significant number of software packages.

Nochex' account holders can accept e-money online payments without the need for an expensive internet merchant bank account or payment gateway. By replacing two costly services with an all-in-one e-Money account, backed up by friendly and responsive customer services, Nochex' customers can put all their efforts into building their online businesses.

The Nochex system allows account holders to accept the following credit and debit cards:



Setting up Nochex as a Payment Option

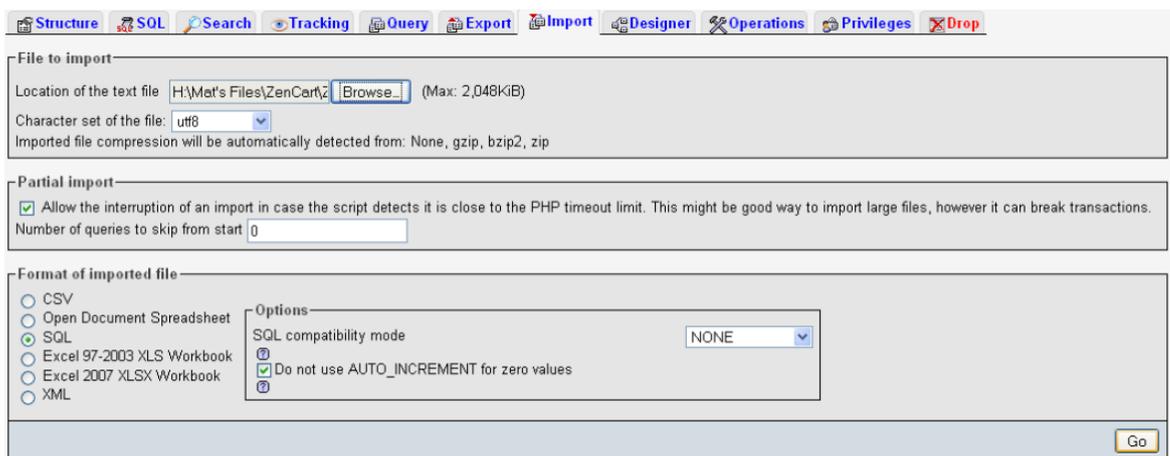
- With the Nochex payments module installed you can not only accept credit card payments but also Nochex members can pay using their Nochex account.
- Customers don't even need a Nochex account to make payments through Nochex making it quick and easy for customers to make payments.
- Nochex uses anti-fraud protection like 3D Secure – the leading “Internet Authentication Protocol” designed by Visa and MasterCard, to ensure your customers can make payments in confidence.
- Emails are sent directly from Nochex giving payment confirmation both to the customer and the seller.

The installation instructions below explain how to setup Nochex as a payment option in Zen Cart.

Nochex Installation Instructions

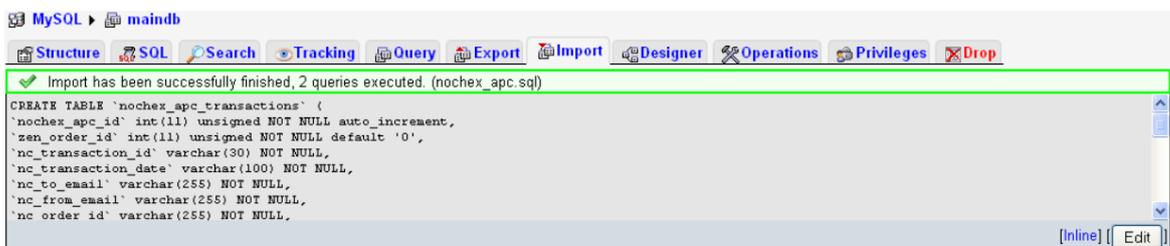
IMPORTANT - Customers are always recommended to back up their code before making any significant changes, such as the ones detailed in this document.

1. Firstly make sure you have downloaded and extracted the latest Nochex module files.
2. Open the extracted Nochex Payments module folder
3. Process the 'nochex_apc.sql' file which is included in the selected Zen cart version. This will create two new tables within your database, which are essential in order for the module to run correctly. If you are using phpMyAdmin, use the 'import' function on your database.



The screenshot shows the 'Import' dialog box in phpMyAdmin. The 'File to import' section has the file path 'H:\Met's Files\ZenCart\2' and a 'Browse...' button. The 'Character set of the file' is set to 'utf8'. The 'Partial import' section has a checked box for 'Allow the interruption of an import in case the script detects it is close to the PHP timeout limit...' and a text box for 'Number of queries to skip from start' set to '0'. The 'Format of imported file' section has 'SQL' selected. The 'Options' section has 'SQL compatibility mode' set to 'NONE' and 'Do not use AUTO_INCREMENT for zero values' checked. A 'Go' button is at the bottom right.

- a. Browse for the 'nochex_apc.sql' file, and check SQL has been selected for the format of the imported file.
- b. Press Go, which will add the new tables to your database.



The screenshot shows the phpMyAdmin interface after a successful import. A green message bar at the top says 'Import has been successfully finished, 2 queries executed. (nochex_apc.sql)'. Below it, the SQL view shows the following CREATE TABLE statement:

```
CREATE TABLE `nochex_apc_transactions` (
  `nochex_apc_id` int(11) unsigned NOT NULL auto_increment,
  `zen_order_id` int(11) unsigned NOT NULL default '0',
  `nc_transaction_id` varchar(30) NOT NULL,
  `nc_transaction_date` varchar(100) NOT NULL,
  `nc_to_email` varchar(255) NOT NULL,
  `nc_from_email` varchar(255) NOT NULL,
  `nc_order_id` varchar(255) NOT NULL,
```

4. You can also add these tables using the MySQL console, so at the command prompt type:

Mysql –user=username –pass databasename < Nochex_apc.sql

5. Once the tables have been successfully added to your database, attach the module files into the corresponding folders in your website files except for database_tables.txt
6. Next, locate and open the database_tables.php file, which can be located somewhere like: mywebsite.com/store/includes/database_tables.php in a text editor, like Notepad or something similar.
7. Open the database_tables.txt and copy the contents of this file.
8. Go to the database_tables.php file; paste the copied contents at the end of this file.



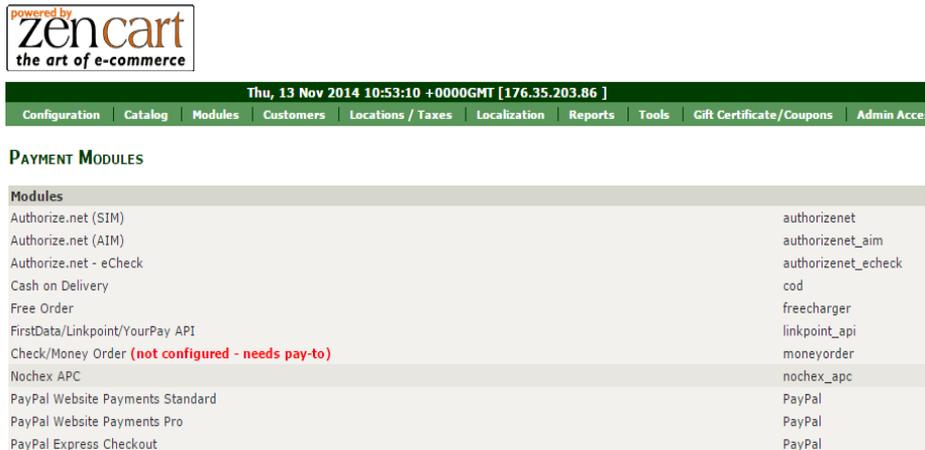
The screenshot shows a text editor window with a list of database table definitions. The text is as follows:

```
define('TABLE_PRODUCTS_TO_CATEGORIES',  
DB_PREFIX . 'products_to_categories');  
define('TABLE_PROJECT_VERSION', DB_PREFIX . 'project_version');  
define('TABLE_PROJECT_VERSION_HISTORY',  
DB_PREFIX . 'project_version_history');  
define('TABLE_QUERY_BUILDER', DB_PREFIX . 'query_builder');  
define('TABLE_REVIEWS', DB_PREFIX . 'reviews');  
define('TABLE_REVIEWS_DESCRIPTION', DB_PREFIX . 'reviews_description');  
define('TABLE_SALEMAKER_SALES', DB_PREFIX . 'salemaker_sales');  
define('TABLE_SESSIONS', DB_PREFIX . 'sessions');  
define('TABLE_SPECIALS', DB_PREFIX . 'specials');  
define('TABLE_TEMPLATE_SELECT', DB_PREFIX . 'template_select');  
define('TABLE_TAX_CLASS', DB_PREFIX . 'tax_class');  
define('TABLE_TAX_RATES', DB_PREFIX . 'tax_rates');  
define('TABLE_GEO_ZONES', DB_PREFIX . 'geo_zones');  
define('TABLE_ZONES_TO_GEO_ZONES', DB_PREFIX . 'zones_to_geo_zones');  
define('TABLE_UPGRADE_EXCEPTIONS', DB_PREFIX . 'upgrade_exceptions');  
define('TABLE_WISHLIST', DB_PREFIX . 'customers_wishlist');  
define('TABLE_WHOS_ONLINE', DB_PREFIX . 'whos_online');  
define('TABLE_ZONES', DB_PREFIX . 'zones');  
define('TABLE_NOCHEX', DB_PREFIX
```

At the bottom of the editor, a "Save file as:" dialog box is open, with "database_tables.php" entered in the text field and a "Save" button visible.

9. Save all changes.
10. Login to your Zen Cart Admin, and locate the Nochex module, which can be found: Modules > Payments.

11. Install the Nochex module.



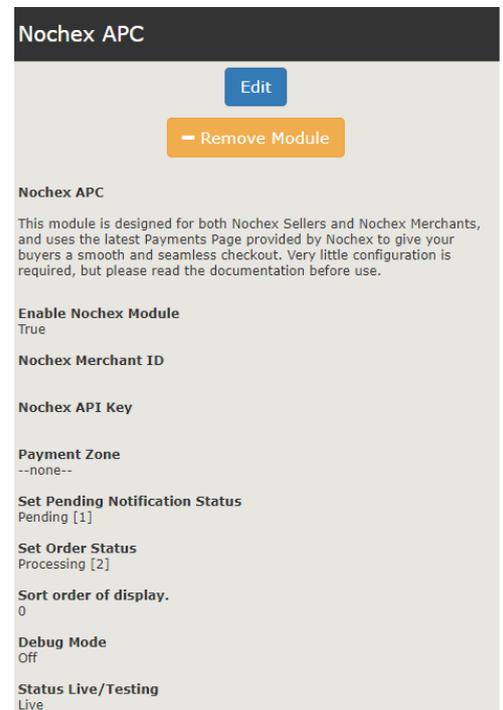
The screenshot shows the Zen Cart admin interface. At the top, there is a navigation menu with options: Configuration, Catalog, Modules, Customers, Locations / Taxes, Localization, Reports, Tools, Gift Certificate/Coupons, and Admin Access. Below the menu, the page title is "PAYMENT MODULES". A table lists various payment modules with their corresponding IDs. The "Nochex APC" module is highlighted in a light grey row.

Modules	
Authorize.net (SIM)	authorizenet
Authorize.net (AIM)	authorizenet_aim
Authorize.net - eCheck	authorizenet_echeck
Cash on Delivery	cod
Free Order	freecharger
FirstData/Linkpoint/YourPay API	linkpoint_api
Check/Money Order (not configured - needs pay-to)	moneyorder
Nochex APC	nochex_apc
PayPal Website Payments Standard	PayPal
PayPal Website Payments Pro	PayPal
PayPal Express Checkout	PayPal

12. Once Installed, fill in the relevant fields

- Enable Nochex Module (Required) - Select true to enable the Nochex payment module
- Nochex Merchant ID (Required) – Enter your register Nochex email address or account alias
- Nochex API Key – Nochex generated API Key, please contact support to get your API key if you do not have one. If you do not have a key you will be defaulted to use the payment page
- Payment Zone- Leave as none if you want all zones to have same payment options
- Set Pending Notification Status – Set order status before transaction complete
- Set Order Status – Set order status one a transaction complete
- Sort order of display – set the order of where the payment option will be displayed on the checkout (Lowest value is displayed first)
- Status Live / Testing – This option allows you to test the module without having to make a live transaction.

Note: Make sure the Status is set to live to accept live payments



The screenshot shows the configuration page for the "Nochex APC" module. At the top, there are two buttons: "Edit" (blue) and "Remove Module" (orange). Below the buttons, the module name "Nochex APC" is displayed. A descriptive paragraph explains that the module is designed for both sellers and merchants and uses the latest payments page. Below this, several configuration options are listed with their current values:

- Enable Nochex Module:** True
- Nochex Merchant ID:** (empty field)
- Nochex API Key:** (empty field)
- Payment Zone:** --none--
- Set Pending Notification Status:** Pending [1]
- Set Order Status:** Processing [2]
- Sort order of display:** 0
- Debug Mode:** Off
- Status Live/Testing:** Live

13. Update all changes.

14. Finally go through your checkout process to make sure your module has been installed and setup correctly.

Debugging and Troubleshooting

Error Logs

1. Firstly make sure you have the debug option enabled in your Nochex module and done a couple of tests.
2. Next, go to your web server, where your Zen cart files are located.
3. Search your files for a file called **apc.log**, which can be found somewhere like: www.test.com/zencart/includes/modules/payment/nochex_apc/logs/apc_log
4. Once located. Open the file which will contain information in regards to the system and all order information.
5. If any information missing or a problem with the system, details will be recorded in this file.

Orders not appearing

Firstly check by doing test transactions. If this doesn't work try the following:

- Ensure that the PayPal IPN module has been installed; however it doesn't have to be active so you could leave the Enable module field as false.
- Check that all files are in the correct directories, for example the file `nochex_apc_handler.php` needs to be in the top directory of your store so it can be accessed.
- Go to Modules then Order Total and check that Total ot_total is installed and active if it isn't your orders won't appear.
- Install the Recover Cart Sales module which allows you to view abandoned carts/incomplete transactions. This can give you a clear idea of when transactions were not being processed properly. Click the following link to download it: [Recover Cart Sales](#).
- It is possible you or your customers are not returning to your website after a successful transaction which can lead to orders not appearing in your shopping cart. To resolve this, enable Auto Redirect in your Nochex account, more details can be found [here](#).

Orders are being duplicated, Orders showing more than once, or orders still not appearing

Check your using the latest Nochex modules from our knowledgebase [here](#) as this can resolve most issues, however if the issue is persisting please raise a support ticket detailing the issues that have occurred.

Still experiencing problems?

Please [open](#) a support ticket with details of your issues, the version of your Zen Cart plugin and whether you were using our API or Payment Page so we can best assist you.