

NoFraud Connect Installation & Set-Up

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Obtain NoFraud API Key

***Please note that you need a NoFraud account and API key to use his module.**

1. Create an account with NoFraud at https://portal.nofraud.com/users/sign_up
2. Click "Integrations"
3. Click the "Create New Integration" button
4. Input your Integration Name and select "Plugin" for the integration type.
5. Select "Magento M2 Connect"
6. Click "Create Integration"
7. Once created, click "View / Edit" next to your newly created integration
8. Your NoFraud API will be displayed on the page.

Install NoFraud Connect Module

1. via Magento Marketplace.
2. Clone branch to vendor directory.

```
git clone git@bitbucket.org:razoyo/mage2-module-nofraud.git
cp -r mage2-module-nofraud/app/ ~/current
php ~/current/bin/magento setup:upgrade
```

3. Via Composer

```
1. Update composer to require the "nofraud/connect" package
    $ composer require nofraud/connect dev-master

2. To enable the module, run
    $ bin/magento module:enable NoFraud_Connect

3. Then run setup:upgrade to install the necessary updates
    $ bin/magento setup:upgrade

4. If a production environment - re deploy the static content and run the di
   compiler
```

Debugging Installation:

Please ensure that the setup/upgrade scripts have successfully run. Check tables **sales_order** and **sales_order_grid** and ensure that the following columns were created:

```
nofraud_screened  
nofraud_status  
nofraud_transaction_id
```

If these columns are missing you will have to force the scripts to run again:

1. Remove module installation registry from database, in the setup_module table.
2. Re-run bin/magento setup:upgrade
3. Check that columns were created.

Set-Up NoFraud Connect Module

System Configuration Backend

When you verify all is installed correctly You will find the settings for this module by going to Stores > Configuration > NoFraud > Connect

The screenshot displays the 'Configuration' page in the NoFraud system. On the left is a vertical sidebar with navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main content area is titled 'Configuration' and includes a search icon, a notification bell, and a user profile dropdown labeled 'nofraud'. Below this is a 'Store View' section with a dropdown set to 'Default Config' and a 'Save Config' button. A list of configuration categories is shown on the left, with 'NOFRAUD' selected and expanded to show the 'Connect' sub-section. Other categories include General, Catalog, Customers, Sales, Dotmailer, Services, and Advanced. The 'General' and 'Order Statuses' sections are partially visible.

General Tab

Under the General section you will see the following:

The screenshot shows the NoFraud Configuration interface. On the left is a dark sidebar with navigation icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main area is titled 'Configuration' and has a 'Save Config' button in the top right. A left-hand menu lists categories: GENERAL, SECURITY, CATALOG, CUSTOMERS, SALES, ENGAGEMENT CLOUD, NOFRAUD (selected), SERVICES, and ADVANCED. The 'General' section is active, showing several settings:

- Enabled?** (store view): A dropdown menu set to 'Yes'.
- Direct API Token** (store view): A text input field containing six dots.
- Sandbox Mode?** (store view): A dropdown menu set to 'No'. Below it is a note: 'While enabled, API requests are sent to apitest.nofraud.com.'
- Screened Order Status** (store view): A dropdown menu set to '-- Please Select --'. Below it is a note: 'If selected, only orders with this status will be screened by NoFraud.'
- Screened Payment Methods** (store view): A scrollable list of payment methods: Check / Money order [checkmo], No Payment Information Required [fr], PayPal Billing Agreement [paypal_bill], Stripe Bancontact [stripebancontact], Stripe Giropay [stripegiropay], Stripe Instant Checkout [stripeinstant], Stripe Przelewy24 (P24) [stripeprzelev], and Stripe SOFORT (Sofortüberweisung) [s]. Below the list is a note: 'Screens all payment methods if none selected.'
- Auto-cancel** (store view): A dropdown menu set to 'Yes'. Below it is a note: 'While enabled, all failed orders will automatically be cancelled.'

Enabled – Global enable/disable action for this module.

Direct API Token – Your API key from NoFraud. Please create an account with NoFraud to obtain an API key (https://portal.nofraud.com/users/sign_up).

Sandbox Mode – Post all transactions to our sandbox endpoint.

Screened Order Status: If selected, only orders with this status will be screened by NoFraud.

Screened Payment Methods: Select the payment methods to screen. If none selected all are screened.

Auto-cancel: While enabled, all failed orders will automatically be cancelled. Cron jobs must be enabled in order to update order status.

Order Statuses Tab

Under the Order Statuses section, you will see the following:

The screenshot shows the NoFraud Configuration interface. On the left is a vertical sidebar with icons for Dashboard, Sales, Catalog, Customers, Marketing, Content, Reports, Stores, System, and Find Partners & Extensions. The main area is titled 'Configuration' and has a 'Save Config' button in the top right. A left-hand menu lists categories: GENERAL, SECURITY, CATALOG, CUSTOMERS, SALES, ENGAGEMENT CLOUD, NOFRAUD (selected), Connect, SERVICES, and ADVANCED. The 'Order Statuses' section is expanded, showing a description: 'The following statuses will be applied to orders after checkout, according to the decision returned from NoFraud ("pass", "review", or "fail"). If no custom status is selected, NoFraud will still provide a transaction report but the order's status will not be changed.' Below this are four dropdown menus: 'Pass [store view]', 'Review ("Pass" or "Fail" to be determined) [store view]', 'Fail (Fraud Detected) [store view]', and 'Error [store view]'. Each dropdown currently shows '-- Please Select --'. A note under the 'Error' dropdown states: 'This status will be applied if NoFraud responds with an error message instead of a pass/review/fail decision.'

The following statuses will be applied to orders after checkout, according to the decision returned from NoFraud ("pass", "review", or "fail"). If no custom status is selected, NoFraud will still provide a transaction report but the order's status will not be changed.

Pass – Control what status to assign orders with a Passed state.

Review– Control what status to assign orders with a review state ("Pass" or "Fail" to be determined).

Fail– Control what status to assign orders with a Failed state (Fraud Detected).

Error– Control what status to assign when

This status will be applied if NoFraud responds with an error message instead of a pass/review/fail decision.

Set up NoFraud Columns

Once the module is installed the NoFraud columns should appear in the order grid automatically.

<input type="checkbox"/>	ID	Purchase Point	Purchase Date	Bill-to Name	Ship-to Name	Grand Total (Base)	Grand Total (Purchased)	Status	Action	NoFraud Screened	NoFraud Status
<input type="checkbox"/>	000000051	Main Website Main Website Store Default Store View	Oct 4, 2020 7:08:41 PM	Veronica Costello	Veronica Costello	\$64.08	\$64.08	Processing	View	Yes	pass
<input type="checkbox"/>	000000052	Main Website Main Website Store Default Store View	Oct 13, 2020 8:06:59 AM	Veronica Costello	Veronica Costello	\$110.42	\$110.42	Processing	View	Yes	pass
<input type="checkbox"/>	000000053	Main Website Main Website Store Default Store View	Oct 13, 2020 8:09:55 AM	Veronica Costello	Veronica Costello	\$55.88	\$55.88	Processing	View	Yes	pass
<input type="checkbox"/>	000000001	Main Website Main Website Store Default Store View	Sep 24, 2020 1:51:25 PM	Veronica Costello	Veronica Costello	\$36.39	\$36.39	Processing	View	No	
<input type="checkbox"/>	000000002	Main Website Main Website Store Default Store View	Sep 24, 2020 1:51:25 PM	Veronica Costello	Veronica Costello	\$39.64	\$39.64	Closed	View	No	
<input type="checkbox"/>	000000003	Main Website Main Website Store Default Store View	Sep 24, 2020 2:03:52 PM	Veronica Costello	Veronica Costello	\$44.84	\$44.84	Pending	View	No	

Columns:

NoFraud Screened: Notes if the order was screened by NoFraud.

NoFraud Status: Notes the decision made by NoFraud. Clicking on this will take you to the transaction in the NoFraud Dashboard.

Troubleshooting

Order NoFraud Columns Not Appearing

If the columns do not show up you can manually add them as follows:

1. Click on the Columns drop down.
2. Manually enable the NoFraud Screened and NoFraud Status columns by clicking on the check box next to their name.

The screenshot shows the NoFraud Orders page. A 'Columns' dropdown menu is open, displaying a list of columns with checkboxes. The 'NoFraud Screened' and 'NoFraud Status' columns are checked. The table below shows three orders with their respective details.

ID	Purchase Point	Purchase Date	Bill-to Name	Ship-to Name	NoFraud Status
000000053	Main Website Main Website Store Default Store View	Oct 13, 2020 8:09:55 AM	Veronica Costello	Veronica Costello	pass
000000052	Main Website Main Website Store Default Store View	Oct 13, 2020 8:06:59 AM	Veronica Costello	Veronica Costello	pass
000000051	Main Website Main Website Store Default Store View	Oct 4, 2020 7:08:41 PM	Veronica Costello	Veronica Costello	pass

