

PRINTSHOP MAIL SUITE



PrintShop Mail Web
iDeal



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1 Introduction

Payment modules allow your store to communicate with merchant banks to transfer money following a sale. Payment modules allow you to collect money following a sale. With the introduction of PrintShop Mail Web 7 administrators can install additional payment module. Payment modules require a Business To Consumer license on the PSM Web dongle.

iDEAL is a payment method that is often used in the Netherlands for online payments. Several banks offer the possibility to receive payments that are made with iDEAL. The shop owner should have a bank account at a bank that supports receiving payments made by iDEAL. The shop user should have an internet banking account at a bank that supports making payments with iDEAL.

Most banks in the Netherlands support iDEAL because it's the most used method for making online payments and the number of users are still growing.

The following iDeal product are supported in PrintShop Mail Web:

- ABN Amro iDEAL Only Kassa
- Fortis (NEOS) iDEAL Only
- Rabo iDEAL Kassa
- ING (TWYP) Standaard Internetkassa



2 iDeal

The workflow for a shop owner to add iDEAL to his webshop is the following:

1. Go to the website of the bank of the shopowner and create an iDEAL test account
2. Configure the test account on the banks website
3. Add the iDEAL payment connector to PSM Web
4. Configure the iDEAL payment connector
5. Make test payments with PSM Web
6. Request the bank to upgrade the test iDEAL account to a production account
7. Activate the production account on the banks iDEAL dashboard
8. Switch the payment connector to production mode in PSM Web

The following sections will guide you through this process and explain how to configure the module.

2.1 Requirements

Please ensure that the following requirements have been met before using the payment connector:

1. **Installation:** The installation consists of the following steps:
 - Install PrintShop Mail Web 7.0 or upgrade to this version.
 - Configure PSM Web by completing the First Run Wizard.
 - Install the payment module as described in the PSM Web - Administrator Guide.
2. **Licensed B2C module:** You must have a licensed Business To Consumer (B2C) module on the PSM Web dongle in order to use the payment module in your production environment.
3. **iDeal account:** Each bank offers several iDEAL products for receiving payments. The products differ in price and options. The iDEAL payment connector for PSM Web supports the following iDEAL products:
 - ABN Amro iDEAL Only Kassa
 - Fortis (NEOS) iDEAL Only
 - Rabo iDEAL Kassa
 - ING (TWYP) Standaard Internetkassa
4. **Public IP address:** Your website must be reachable from the internet on port 80 (when using HTTP) or port 443 (when using HTTPS). When you are using a router/firewall the port must be added and routed to your local ip-address. In the web browser you need to enter the real domain name or public ip address of the PSM Web website (localhost will not work). This is required for Instant Payment Notification (see the Instant Payment Notification section).
5. **Set up pricing in PSM Web:** Set up pricing for your customers and their documents.
 - Enable pricing for your document(s) and define the volume discount table for them (required for price calculations)
 - Assign the payment module(s) to the appropriate companies

2.2 Requesting a test account

Before the shop owner can receive iDEAL payments he must request a test account from his bank. You will have to first create a test account, do some payments and then you can request a production account. The website of the bank has a separate website often called the iDEAL Dashboard or the Internet Kassa (cash register) where the shop owner can login to configure the iDEAL settings and see the payment history. The bank usually offers a test dashboard and a production dashboard that have different URLs.

The procedure for requesting a test account is different for each bank, the shop owner should look on the website of his bank for instructions. Usually the shop owner can request a test account via an internet page and he will receive the following e-mails:

- Confirmation e-mail containing a link to the iDEAL Test Dashboard
- Password e-mail containing the generated password needed to login to the dashboard

After the shop owner receives both e-mails he can login to the iDEAL test dashboard of his bank. Next he will need to configure the iDEAL Dashboard.

2.3 Configuring the iDEAL test dashboard

Each bank has his own dashboard that allows the shop owner to modify his iDEAL account. The first time the shop owner logs into the dashboard he will usually go through a wizard. On most questions the default settings are ok; there are however some settings that should be changed from their default values.

1. Payment methods

1. On the dashboard there is a link called *Payment methods* in that menu the shop owner should add and activate the iDEAL payment method.

2. SHA-1-IN Signature

1. On the dashboard there is a link called *Technical information* and on the tab called *Data and origin verification* there is a field called *SHA-1-IN-Signature* the shop owner should enter a random string of at least 16 characters.
2. The shop owner should note which string he has entered and save that string because it needs to be entered at the PSMW iDEAL payment connector settings page later on.

3. SHA-1-OUT Signature

1. On the dashboard there is a link called *Technical information* and on the tab called *Transaction feedback* there is a field called *SHA-1-OUT Signature* the shop owner should enter a random string of at least 16 characters.
2. The shop owner should note which string he has entered and save that string because it needs to be entered at the PSMW iDEAL payment connector settings page later on.

4. Direct HTTP server-to-server request

1. On the dashboard there is a link called *Technical information* and on the tab called *Transaction feedback* there are two fields under the section called *URL of the merchant's post payment page* both fields should have the same value. The URL should start with the public URL of the webshop so *localhost* is not allowed here. It's very important that the info in the two fields is correct otherwise the webshop will not receive any payment notifications.
 1. The URL should follow this format: `http://<PUBLIC_WEB_ADDRESS>/site.php?module=ideal_kassa&formid=ideal_kassa_post_payment_form`
 2. Example: `http://www.mywebshop.com/site.php?module=ideal_kassa&formid=ideal_kassa_post_payment_form`
 3. If PSM Web is setup using https you should use https in the URL fields above
 2. *Timing of request*
 1. The option *Online but switch to a deferred request in intervals when the online requests fail* should be selected.
- ### 5. HTTP request for status changes
1. In the same location as mentioned in 1.4 there is a URL field under the section called *HTTP request for status change* the value here should be the same value as mentioned in 1.4.1
 2. *Timing of the request*
 1. The option *For each offline status change(payment, cancellation...)* should be selected.

After all those settings are made the last thing the shop owner should do on the dashboard is activate the test account. Please note he should not activate or create a production account at this stage but he should activate the test account.

2.4 Configuring the iDeal module

After the installation of a payment module you will need to configure it. To configure the module:

1. Launch your web browser and log in to PSM Web using an administrator account.
2. Select *Settings* in the menu bar.
3. Click *Overview* in the *Modules* section (*Settings* side menu). The *Modules Overview* page is shown.
4. Click the plus-symbol next to the *Payment Modules* group to view the installed payment modules.
5. Click *PayPal Standard* to view the settings of the module.
6. Click *Edit*. The *Edit Properties* page appears.

Edit properties pages

7. The following configuration options must be configured:
 - *Environment*
 1. Radio group field with the following options
 1. *Test* use this setting for testing the URL of the *Payment Test Server URL* field will be used.
 2. *Production* use this setting for production the URL of the *Payment Production Server URL* field will be used.
 - *iDEAL Cash Register*
 1. Pulldown field with the following values
 1. *Other* allows the user to enter his own production and test URLs
 2. *ABN Amro*
 3. *Rabobank*
 4. *Neos*

5. *TWYP*

- *Payment Production Server URL*: Default value is determined by the selected *iDEAL Cash Register* this value is used when *Environment* is set to *Production*
- *Payment Test Server URL*: Default value is determined by the selected *iDEAL Cash Register* this value is used when *Environment* is set to *Test*
- *SHA-1-IN signature*: Value should be the same as the value that is entered in the iDEAL dashboard of the bank. The actual value doesn't matter; most banks require the value to be at least 16 characters long. This value is used for security to prevent hackers from changing the amount.
- *SHA-1-OUT signature*: Value should be the same as the value that is entered in the iDEAL dashboard of the bank. The actual value doesn't matter; most banks require the value to be at least 16 characters long. This value is used for security to prevent hackers from setting an order to paid on the PSMW site.
- *Order Description*: The end user will see this value in his bank environment as the description of the order he is about to pay. The shop owner also sees this information in his internet bank account website.

8. Click *Save* to store the changes.