



***HOW TO
Add Functionality
with Modules***

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HOW TO Add Functionality with Modules

Miva Merchant™ utilizes a modular concept to provide merchants with the capability to easily create the look, feel and functionality they want for their store. The product ships with a standard set of modules and can be expanded by adding new modules available from Miva's On-line Partner Directory at <http://www.miva.com/partners/>.

Developers can also create a new module using XML-based Miva Script™. For module information about the module development process, refer to the documents <http://www.miva.com/docs/api/>.

The figure below shows the architecture of the Miva environment.



Modules can be added to, upgraded, or deleted from Miva Merchant. These functions are accessed through the Module link on the Administration Interface menu.



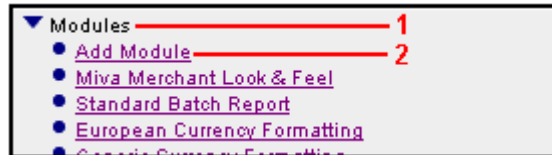
Add Module

You can add functionality to your store by adding third-party modules. To add the modules you must upload it to your Miva Merchant domain and then add it to your store.

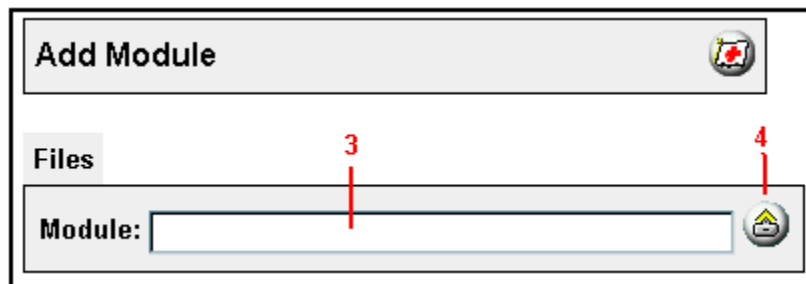
Add Module to the Miva Merchant Domain

Use the following procedure to add modules to your Miva Merchant domain.

1. Click on the triangle next to Modules
2. Click Add Module



The following screen is displayed.



3. Enter the module name and go to step 5, or
4. Click the Upload File button.

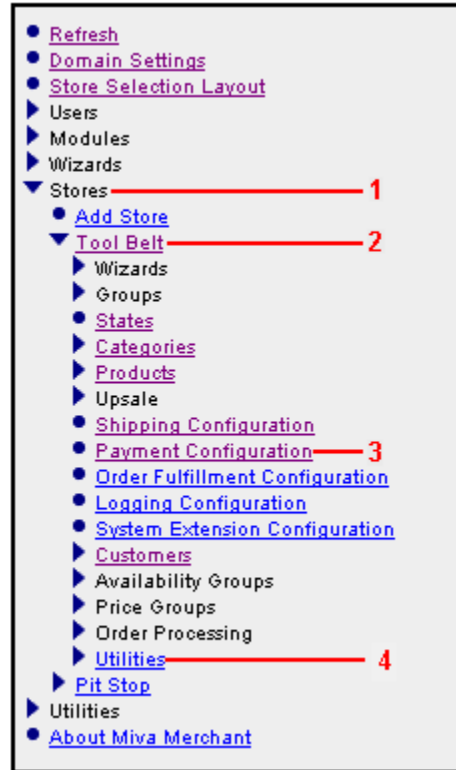
The following screen is displayed.

- a. Use the Browse... button to find the module on your system.
- b. You are uploading a new module that is not in your Miva Merchant domain. Therefore, you do not need to click the Overwrite check box.
- c. Click the Upload button to return to the Add Module form.

5. Click the Add button, or
6. Click the Reset button to delete the module from the domain.
7. After you click the Add button, the module (A New Payment Module) is added to the module list as the last item on the list.

Assign Module to a Miva Merchant Store

After you have added the module to your domain, use the following procedure to assign it to your store(s).



1. Click the arrow ▼ to the left of Stores on the menu to display the stores in the Miva Merchant domain.
2. Click the arrow ▼ to the left of the store name (Tool Belt) to display the list of stores functions.
3. Click on the desired module configuration type to open the Module Configuration form.
4. Click on Utilities to add a module for import, export, tax, user interface, or a third-party module.

The following form is displayed.

Payment Configuration

Modules

Assigned Module	
<input checked="" type="checkbox"/>	A New Payment Module — 4
<input type="checkbox"/>	Vorauskasse
<input type="checkbox"/>	Überweisung
<input type="checkbox"/>	Signio Payflow Link
<input type="checkbox"/>	COD
<input type="checkbox"/>	CyberCash Payment Services v2.2.2de
<input type="checkbox"/>	Bankeinzug
<input type="checkbox"/>	Signio Payflow Pro (PaymentNet)
<input type="checkbox"/>	Credit Card Payment With Simple Validation
<input type="checkbox"/>	Cardservice/LinkPoint Payment Gateway
<input type="checkbox"/>	CyberSource ICSv2 Payment Services
<input type="checkbox"/>	CyberCash Payment Services
<input type="checkbox"/>	Check Payment
<input type="checkbox"/>	Authorize.Net Payment Services v3.0
<input type="checkbox"/>	Anacom Payment Services

Update Reset

5. Click the check box of the desired module.
6. Click Update to assign the module to the store.

Note: Repeat steps 1 through 5 until the module has been added to all your stores.

7. A link for the module displays at the top of the module configuration form. Click on the link to open the Edit form. The information required for each module is unique, if you have questions about this information, contact the company that created the module.

Upgrade a Module

Use the following procedure to upgrade modules in your Miva Merchant domain.

1. Click on the triangle next to Modules
2. Click the link for the module you want to upgrade (A New Payment Module)



The following screen is displayed.

Edit Module: A New Payment Module

Information [Files](#)

Type of Module:	Payment Processing
Code:	New
Name:	A New Payment Module
Provider:	Miva Corporation, Inc.
Version:	2.2
Usage Count (Number of Stores):	1

The form has two tabs: Information and Files.

Information Tab

This form is a read-only screen. The following information is displayed.

Type of Module	The Miva Merchant module type.
Code	The code used to identify the module within the Miva Merchant environment.
Name	The name of the module that is displayed to your customers.
Provider	The name of the person or company that supplied this module, and who supports the module.
Version	The version of the module.
Usage Count (Number of Stores)	Number of stores within your domain that use the module.

Files Tab

This form is used to upload a new version of the module.

Use the following procedure to upload a new version.

Edit Module: A New Payment Module

Information Files

Module:

Update Delete Reset

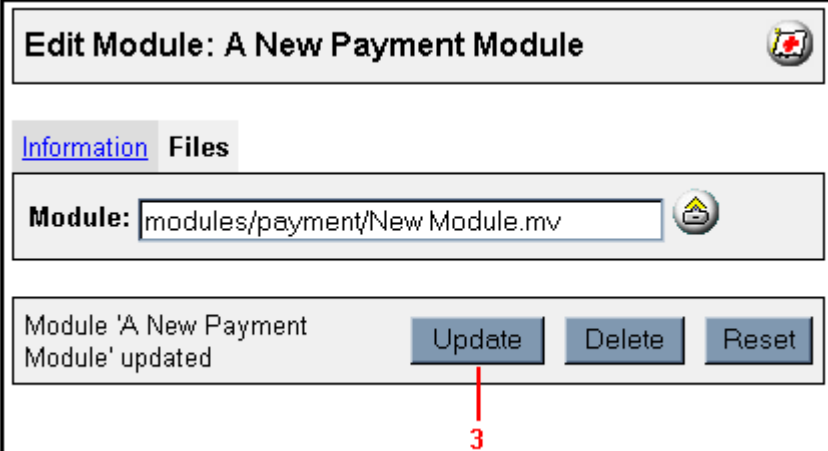
1. Enter the module name and skip to step 3, or
2. Click the Upload button to find the file on your system if you are uploading a module that is already in your domain.

Upload File

Overwrite

File:

- a. Click the Overwrite check box if you want to replace the existing module with a new version.
- a. Use the Browse... button to find the module on your system.
- b. Click the Update button and return to the Edit Module screen.



The screenshot shows a web interface for editing a module. The title bar reads "Edit Module: A New Payment Module". There are two tabs: "Information" (selected) and "Files". Below the tabs is a text input field labeled "Module:" containing the path "modules/payment/New Module.mv". To the right of the field is a "Browse" button. Below the field are three buttons: "Update", "Delete", and "Reset". A red vertical line with the number "3" points to the "Update" button. A message "Module 'A New Payment Module' updated" is visible on the left side of the button area.

3. Click the Update button on the Edit Module: form and it will display an acknowledgement message.

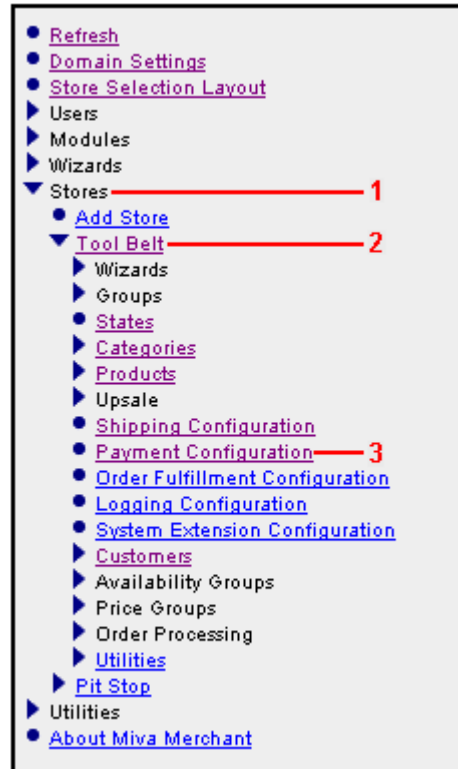
Delete a Module

There are two steps that are necessary to delete a module from the Miva Merchant domain.

Unassign a Module from a Miva Merchant Store

You must unassign a module from all your stores before you can remove it from the domain.

Use the following procedure to unassign a module.



1. Click the arrow ▼ to the left of Stores on the menu to display the stores in the Miva Merchant domain.
2. Click the arrow ▼ to the left of the store name (Tool Belt) to display the list of stores functions.
3. Click on the desired module configuration type to open the Module Configuration form.

The following form is displayed.

The screenshot shows a web interface titled "Payment Configuration". Below the title is a tabbed menu with "Modules" selected and "New Payment Service" as the active sub-tab. A table titled "Assigned Module" lists various payment services, each with an unchecked checkbox. A red arrow labeled "4" points to the checkbox for "A New Payment Module". At the bottom right of the form, there are two buttons: "Update" and "Reset". A red arrow labeled "5" points to the "Update" button.

Assigned Module	
<input type="checkbox"/>	A New Payment Module
<input type="checkbox"/>	Vorauskasse
<input type="checkbox"/>	Überweisung
<input type="checkbox"/>	Signio Payflow Link
<input type="checkbox"/>	COD
<input type="checkbox"/>	CyberCash Payment Services v2.2.2de
<input type="checkbox"/>	Bankeinzug
<input type="checkbox"/>	Signio Payflow Pro (PaymentNet)
<input type="checkbox"/>	Credit Card Payment With Simple Validation
<input type="checkbox"/>	Cardservice/LinkPoint Payment Gateway
<input type="checkbox"/>	CyberSource ICSv2 Payment Services
<input type="checkbox"/>	CyberCash Payment Services
<input type="checkbox"/>	Check Payment
<input type="checkbox"/>	Authorize.Net Payment Services v3.0
<input type="checkbox"/>	Anacom Payment Services

4. Uncheck the Assigned check box next to the module name and click Update to remove the module from the store.
5. Click Update.
6. Repeat steps 1 through 5 to remove the module from all of your stores.

Delete a Module From the Miva Merchant Domain

After the module has been unassigned from all stores, it can be removed from the domain. Use the following procedure to remove the module.

1. Click the module name on the Administration Interface menu to open the Edit Module form.

The Edit Module form is displayed.

Edit Module: A New Payment Module

Information [Files](#)

Type of Module:	Payment Processing
Code:	New
Name:	A New Payment Module
Provider:	Miva Corporation, Inc.
Version:	2.2
Usage Count (Number of Stores):	1

2. Click the Delete button to remove the module from the domain.