



Corporate Gateway

Worldpay Magento Module Guide

V3.7 November 2016


Use this guide to:

- Install the Worldpay Magento Module within your Magento Platform
- Configure your integration
- Understand the expected behavior, including XML requests and responses



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Introduction

The Worldpay Magento Module Guide describes how to integrate the Worldpay Magento Module with your Magento platform, giving you access to Worldpay's Corporate Gateway.

This document provides a technical overview and implementation details for each Worldpay service integrated within the Magento module. The Worldpay module extends the functionality of the Magento platform to allow integration with Worldpay's Corporate Gateway and additional services.

This guide shows you:

- How to install the Worldpay Magento Module within your Magento Platform
- How to configure your integration
- How to understand the expected behaviour, including XML requests and responses



The Worldpay Magento Module has been designed to be used in conjunction with the method and format mentioned within this guide. If you use it in a way which is not recommended, or if the module is altered, then we may not be able to support you.

1.1 What versions of Magento are supported?

The module is tested to be compatible with the following Magento versions:

- Magento Enterprise Editions 1.14, 1.13, 1.12
- Magento Community Edition 1.9, 1.8, 1.7

1.2 Who is this guide for?

This is a technical integration guide, aimed at:

- System integrators
- Other technical roles, including managers who are involved in designing and managing your integration

1.2.1 Skills and knowledge

To carry out the tasks described in this guide, you will need:

- XML programming skills
- A knowledge of HTTPS
- Some knowledge of how our payment services work



1.3 Changes to the guide

Revision	Release date	Changes
3.7	November 2016	Updated: <ul style="list-style-type: none"> • Added support for iFrame payment pages • Improve token handling to ensure token is shown for all orders in admin area
3.5	August 2016	Updated: <ul style="list-style-type: none"> • Added support for Tokenisation • Added support for pressing browser back button • Added Dynamic 3D Secure support • Prevent double capturing payment when notification XML is enabled
3.4	May 2016	Updated: <ul style="list-style-type: none"> • Added support for partial refunds • Declined reason code displays for Direct MOTO orders • Export button added • MOTO Order Confirmation re-configuration
3.3	February 2016	Updated: <ul style="list-style-type: none"> • Addition of Client Side Encryption as an available checkout method
3.2	April 2015	Updated: <ul style="list-style-type: none"> • Guide re-edited and rebranded.
3.1	July 2014	Updated: <ul style="list-style-type: none"> • Updated to reflect latest updates to the plugin.
3.0	June 2014	Updated: <ul style="list-style-type: none"> • Guide rewritten and restructured. • New template applied.
2.0	November 2013	Updated: <ul style="list-style-type: none"> • Guide rewritten and restructured. • New template applied.

Table 1: Changes to the guide



1.4 More help?

For more information about our products and services, including payment methods:

- See our website at <http://www.worldpay.com>
- Talk to your dedicated Relationship Manager or Business Development Manager

For technical guides and developer resources (including our DTD) see:

<http://www.worldpay.com/support/gg/>

To contact Global Partnerships:

Email: partners@worldpay.com

1.5 Legal

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Functional Overview

1.6 Integration Modes

1.6.1 Direct integration mode (XML Direct)

Using the Direct Integration mode, you capture the payment details in Magento and send them to Worldpay for processing. This gives you full control over the user experience and payment process, but makes **PCI compliancy** mandatory.

1.6.2 Client Side Encryption (CSE)

This is a another way of using the Direct Integration mode. When this is enabled, the customer's card details are encrypted in the browser and this encrypted data is sent to Magento which in turn sends makes the request to Worldpay. This means that the card details are never sent to the server where Magento is hosted thereby reducing the level of PCI exposure compared with the XML Direct mode

1.6.3 Redirect integration mode (XML Redirect)

With the Redirect Integration mode (also known as Hosted Payment Pages), the shopper is redirected to customised Worldpay hosted payment pages where payment details are captured and processed. This way, credit card details and other sensitive information is never handled in Magento, which in turns reduces your PCI exposure.

1.7 Merchant Codes

You can configure different merchant codes for different payment methods and, to an extent, different integration modes.

1.8 Payment Methods

1.8.1 Credit Cards

Card payments are supported in both Direct and Redirect integration modes.

Supported Credit Cards

- American Express
- VISA
- MasterCard
- Carte Bancaire
- Carte Bleue
- Diners
- Discover Card
- JCB
- Maestro

3D Secure

3D secure is supported in both Direct and Redirect modes with Credit Card payments.

1.8.2 Alternative Payment Methods (APM)



Alternative Payment Methods are supported in Redirect integration mode only.

Supported Alternative Payment Methods

- China Union Pay (CUP)
- ENETS
- EPS
- IDEAL
- PayPal
- Yandex.Money
- SoFort EU
- GiroPay
- Boleto Bancario
- AliPay
- Qiwi
- Bank Transfer (United Kingdom)
- Direct Bank Transfer
 - Austria
 - Belgium
 - Denmark
 - Finland
 - France
 - Germany
 - Greece
 - Italy
 - Luxembourg
 - Netherlands
 - Norway
 - Poland
 - Spain
 - Sweden
 - Switzerland
- Nordea Bank
 - Finland

— Sweden

1.9 Payment Notifications (Merchant Channel Events)

Payment notifications are events triggered by Worldpay when the status of a payment changes. Enabled notifications can be configured from the Worldpay Merchant Interface. The plugin has been implemented to handle all of Worldpays payment statuses via the notification channels, the relevant statuses that can be returned will depend on the set up within Worldpay

1.9.1 Supported Payment Notifications

Upon receiving a supported notification, the Worldpay Magento module updates the corresponding payment information and order status in Magento.

The below table displays the supported notifications and highlights any specific impact on Magento of a transaction reaching this status. Below the table is further information regarding any applicable status which impacts Magento

Worldpay Status	Supported	Impacts Magento	Magento Status
AUTHORIZED	Yes	Yes	Processing
CAPTURED	Yes	Yes	Processing
CAPTURED_BY_MERCHANT	Yes	No	(unchanged)
SETTLED	Yes	No	(unchanged)
SETTLED_BY_MERCHANT	Yes	No	(unchanged)
SENT_FOR_REFUND	Yes	Yes	Closed
REFUNDED	Yes	Yes	Closed
REFUNDED_BY_MERCHANT	Yes	No	(unchanged)
REFUSED	Yes	Yes	Closed (if redirect)
EXPIRED	Yes	No	(unchanged)
CANCELLED	Yes	Yes	Canceled (if redirect)
CHARGED_BACK	Yes	No	(unchanged)
CHARGEDBACK_REVERSED	Yes	No	(unchanged)
INFORMATION_REQUESTED	Yes	No	(unchanged)

Ensure your notification endpoint ends with '/index' to correctly receive and process Worldpay notifications

1.10 Capturing Payments

There are two strategies for capturing an authorised payment. They stem from the *Invoice and capture automatically* configuration option in the *General Configuration* section.

General Configuration		
Enable logging	Yes	[STORE VIEW]
Invoice and capture automatically	No	[STORE VIEW]
	▲ Automatically create invoice and capture payment on authorisation	
Order title	Payment for Magento order: *	[STORE VIEW]
	▲ Order description text, sent to WorldPay. See Merchant Interface > Orders > Order Details	
Payment method selection	Dropdown Menu	[STORE VIEW]

Figure 1: General Configuration

When set to “Yes”: An invoice is created and a capture request is sent to Worldpay immediately after a successful authorisation has been received.

When set to “No”: Any process that calls the payment method's capture will send a capture request to Worldpay. In practice this can mean:

- Manually creating an invoice from the admin area.
- Any other process, such as a third party shipping module, which might create an invoice and/or call the payment method capture as part of a larger process.
- A capture delay can also be set on the Worldpay merchant interface. This means Worldpay will capture the AUTHORISED transaction after a predefined period of time. This can be set to 0 (auto capture within 30 minutes) or from 1-14 days. In this scenario Magento does not need to trigger the capture request. After the capture has been processed Worldpay will send the CAPTURED notification, which will be received by Magento and update the Worldpay payment status to CAPTURED while the Magento order status will remain as “processing”.



1.11 Refund payments

The Worldpay plugin supports full & partial refunds for the payment methods supported out of the box with the plugin. Our plugin follows the standard refund process out of the box from Magento.

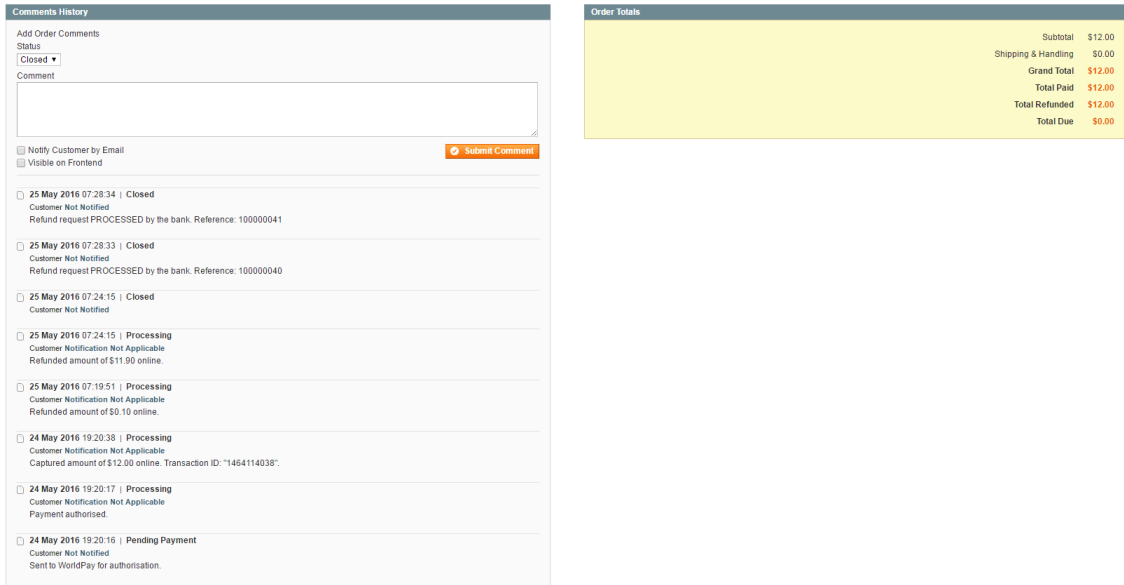


Figure 2: Partial Refund

Below is a table showcasing the payment statuses that allow for refunds to occur.

Worldpay Status	Refund Possible	Notes
SHOPPER_REDIRECTED	No	
SENT_FOR_AUTHORISATION	No	
AUTHORISED	No	
ERROR	No	
CANCELLED	No	
CAPTURE FAILED	No	
EXPIRED	No	
REFUSED	No	

Worldpay Status	Refund Possible	Notes
INFORMATION_REQUESTED	No	Worldpay by default disables refund functionality for payments of this status to protect you from double crediting the customer if the Chargeback is successful. Please contact your Corporate Support Manager for more information in these instances
INFORMATION_SUPPLIED	No	Worldpay by default disables refund functionality for payments of this status to protect you from double crediting the customer if the Chargeback is successful. Please contact your Corporate Support Manager for more information in these instances
CHARGED_BACK	No	Worldpay by default disables refund functionality for payments of this status to protect you from double crediting the customer if the Chargeback is successful. Please contact your Corporate Support Manager for more information in these instances
CHARGEDBACK_REVERSED	No	Worldpay by default disables refund functionality for payments of this status to protect you from double crediting the customer if the Chargeback is successful. Please contact your Corporate Support Manager for more information in these instances
SENT_FOR_REFUND	Yes	
REFUNDED	Yes	
REFUNDED_BY_MERCHANT	Yes	
REFUND_FAILED	Yes	
CAPTURED	Yes	
SETTLED	Yes	
SETTLED_BY_MERCHANT	Yes	

When the plugin receives the SENT_FOR_REFUND notification(s) from Worldpay, within the Comments History section a new entry will be created entitled: "Refund has been requested"



1.12 Payment Status Synchronisation

You can manually synchronise the payment status of an order by pressing the **Sync Status** button in the order view in Magento admin. Changes in payment status are handled the same way they would be handled if a corresponding notification was received.

Setup

1.13 Installation

To install the module:

1. Copy the contents of the `src/` directory into your Magento root directory. The module consists of the following directories and files:
 - `app/code/community/SessionDigital/Worldpay/`
 - `app/design/adminhtml/default/default/layout/worldpay.xml`
 - `app/design/adminhtml/default/default/template/worldpay/`
 - `app/design/frontend/base/default/layout/worldpay.xml`
 - `app/design/frontend/base/default/template/worldpay/`
 - `app/etc/modules/SessionDigital_Worldpay.xml`
 - `app/locale/en_GB/SessionDigital_Worldpay.csv`
 - `app/locale/en_US/SessionDigital_Worldpay.csv`
 - `js/worldpay/`
 - `skin/adminhtml/default/default/worldpay/`
 - `skin/frontend/base/default/images/worldpay/`
2. Clear the Magento cache after installation.

1.14 Upgrading from previous versions

1.14.1 Upgrading from versions earlier than v3.0.0

With the release of version 3.0.0 of the module, the vendor namespace of the module has changed from `Cargo_Worldpay` to `SessionDigital_Worldpay`.

This change has the following effects:

- Version 3.0.0 is identified as a completely new module (`Cargo_Worldpay` → `SessionDigital_Worldpay`)
- Directory paths now reflect this change (for example, `app/code/community/Cargo` → `app/code/community/SessionDigital`)
- Class names now reflect this change (for example, `Cargo_Worldpay_Helper_Data` → `SessionDigital_Worldpay_Helper_Data`)

The following items have not changed:

- Model, Block and Helper namespaces

- Setup resource identifier (`worldpay_setup`)
- Database setup
- Events and event namespaces

Consequently any rewrites done at model, block or helper level should still work as expected, but any direct inheritance of classes will not.

As the setup resource identifier and database setup remains unchanged, it's possible to install the module on top of previous versions, despite the vendor namespace change.

1.15 Worldpay Configuration (Merchant Interface)

Log in to Worldpay Merchant Interface at <https://secure.worldpay.com/sso/public/auth/login.html>.

1.15.1 Merchant Profile Configuration

Select **Profile** from the navigation menu. Make note of your Merchant Code and XML Password, and be sure to enable and set the Redirect MAC secret.

Identification	
Merchant Code	SESSIONECOM
XML Password	*****
Merchant Interface Password	Please use the "User Profile" menu to change your password
Redirect MAC secret	<input type="text"/> <p><small>(?) MAC secret is currently set. Enter a new secret to change it, otherwise leave blank.</small></p> <p><small>Must be between 20 and 30 characters long with no white space and contain at least one upper case letter, one lower case letter, one number and one symbol.</small></p> <input type="checkbox"/> Disable MAC

Figure 3: Merchant Profile Configuration

1.15.2 Merchant Channel Configuration

Select **Merchant Channel** under **Profile** from the navigation menu. Configure the merchant channels as follows (see **Figure 4**) to receive payment notifications from Worldpay:

- Protocol: **HTTPS**
- Active: **yes**
- Content: **xml**
- Address: **http://store.url/worldpay/notification**
- Method: **POST**

! Store.url unique per merchant configuration and to be created by merchant

Merchant Channels (Production)						
Protocol	Active	Content	Address	Method	Response	Client Certificate
email	<input type="radio"/> yes <input checked="" type="radio"/> no	text				
http	<input checked="" type="radio"/> yes <input type="radio"/> no	xml	http://store.url/worldpay/notification	POST	[OK]	<input type="radio"/> yes <input checked="" type="radio"/> no
shopper email	<input type="radio"/> yes <input checked="" type="radio"/> no	text		Configure AUTHORIZED	Configure REFUSED	

Merchant Channels (Test)						
Protocol	Active	Content	Address	Method	Response	Client Certificate
email	<input type="radio"/> yes <input checked="" type="radio"/> no	cgi				
http	<input checked="" type="radio"/> yes <input type="radio"/> no	xml	http://test.store.url/worldpay/notification	POST	[OK]	<input type="radio"/> yes <input checked="" type="radio"/> no
shopper email	<input type="radio"/> yes <input checked="" type="radio"/> no	test uses the same messages and content settings as production				

Figure 4: Sample Merchant Channel configuration

1.15.3 Merchant Channel Events Configuration

On the same “Merchant Channel” page as in previous step, enable all merchant channel events (see [Figure 5](#)).

For further information on the effects of channel effects, please see [1.9 Payment Notifications \(Merchant Channel Events\)](#).

Merchant Channel Events (Production)									
	SIGNED_FORM_RECEIVED	AUTHORISED	CANCELLED	CAPTURED	SETTLED	CHARGED_BACK	CHARGEBACK_REVERSED	INFORMATION_REQUESTED	INFORMATION_SUPP
email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
http	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
shopper email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Merchant Channel Events (Test)									
	SIGNED_FORM_RECEIVED	AUTHORISED	CANCELLED	CAPTURED	SETTLED	CHARGED_BACK	CHARGEBACK_REVERSED	INFORMATION_REQUESTED	INFORMATION_SUPP
email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
http	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
shopper email	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Figure 5: Sample merchant channel events configuration



Note that there are more events than shown above.

1.16 Magento Configuration

1.16.1 General Configuration

General Configuration		
Enable logging	Yes	[STORE VIEW]
Invoice and capture automatically	No ▲ Automatically create invoice and capture payment on authorisation	[STORE VIEW]
Enable Dynamic 3D Secure	No	[STORE VIEW]
Order title	Payment for Magento order: ▲ Order description text, sent to WorldPay. See Merchant Interface > Orders > Order Details	[STORE VIEW]
Payment method selection	Radio Buttons	[STORE VIEW]

Figure 6: General configuration

Option	Description	Default
Enable logging	Enable to log Worldpay specific events to worldpay.log.	No
Invoice and capture automatically	Automatically create invoice and capture payment on authorisation	No
Enable Dynamic 3D Secure	Merchants can override 3D Secure authentication rule for credit card payments	No
Order title	Order description text displayed in Worldpay Merchant Interface for orders and on hosted payment pages during shopper checkout	Payment for Magento order
Payment method Selection	Enable to use radio buttons instead of a dropdown menu in the payment method selection view.	No

1.16.2 Environment Configuration

Environment Configuration		
Environment Mode	Test Mode	[STORE VIEW]
Test URL	https://secure-test.worldpay.com/jsp/merchant/xml/;	[GLOBAL]
Live URL	https://secure.worldpay.com/jsp/merchant/xml/paym	[GLOBAL]

Figure 7: Environmental configuration

Option	Description	Default
Environment Mode	Choose whether to use production or test mode.	Test Mode
Test URL	API URL to use in Test mode.	https://secure-test.worldpay.com/jsp/merchant/xml/paymentService.jsp
Live URL	API URL to use in Live mode.	https://secure.worldpay.com/jsp/merchant/xml/paymentService.jsp

1.16.3 Custom Payment Pages Configuration

Figure 8: Custom Payment Pages Configuration

Option	Description	Default
Enabled		No
Installation Id	Installation ID related to specific Worldpay payment pages.	Empty
Allow address edit on Worldpay payment page	Customisation feature allowing or preventing shoppers to edit the address(es) on the payment pages.	No

1.16.4 Ecommerce Configuration

The configuration of Ecommerce payments through the Worldpay plugin is defined across the general configuration sub section, the cards subsection and the Alternative Payment Methods sub section as displayed below

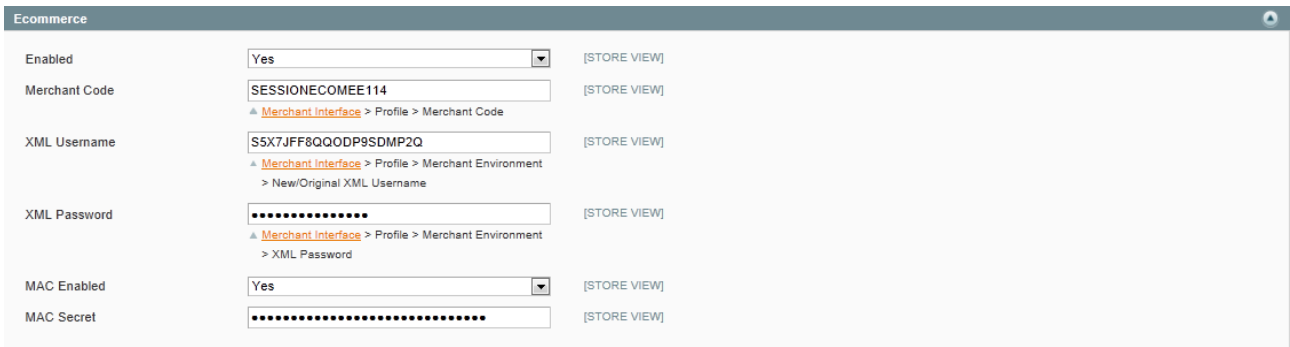


Figure 9: Ecommerce configuration

Option	Description	Default
Enabled		No
Merchant Code	Merchant code to use with Redirect payments.	Empty
XML Username	XML Username configured in Merchant Profile Configuration .	Empty
XML Password	XML Password configured in Merchant Profile Configuration .	Empty
MAC Enabled	If enabled, incoming request Message Authentication Codes will be validated.	Yes
MAC Secret	MAC secret configured in Merchant Profile Configuration .	

1.16.5 Credit Cards Configuration

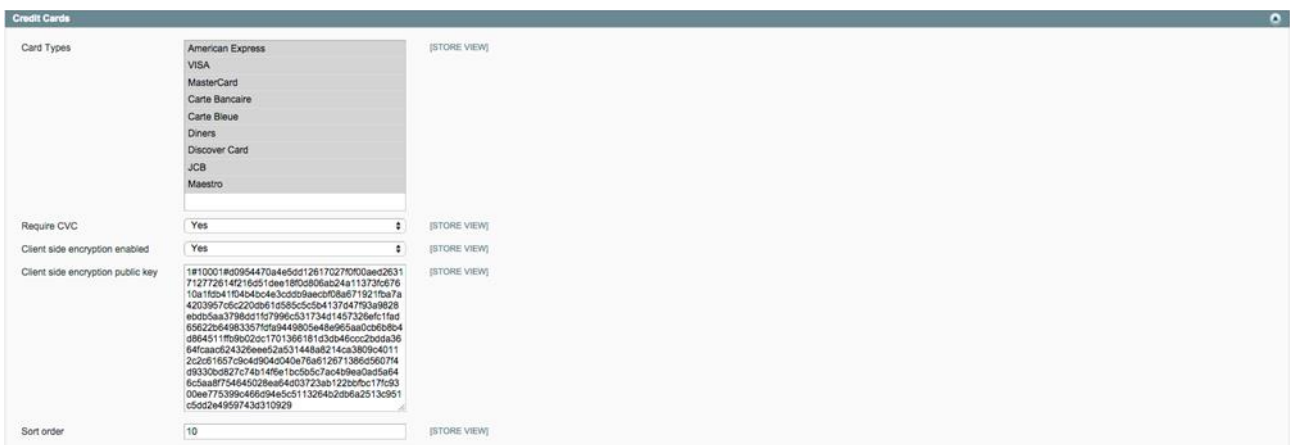


Figure 10: Credit Cards configuration

Option	Description	Default
Enabled		No
Integration Mode	Selecting Direct or Redirect will swap the integration methods from Worldpays Direct XML and Worldpays Redirect XML. The key element is selecting Direct XML will allow card details to be captured on your Magento installation and therefore increase your PCI DSS compliance requirements	Direct
Title	Title of section visible to shopper upon checkout	Empty
Card Types	Highlight by clicking on required payment methods. Hold ctrl to multi select. Ensure you have agreement with Worldpay to offer selected payment methods	Unselected
Require CVC/CVV	Whether a CVC number is enforced to complete a transaction	Unselected
Client Side Encryption enabled	Whether client side encryption is enabled	Unselected
Client Side Encryption public key	The public key for your account that is used to encrypt the card data before being sent to Worldpay	Empty
Sort order	Controls the order in which this methods will appear	Empty

1.16.6 Credit Card Configuration

Credit Cards

Enabled [STORE VIEW]

Integration Mode [STORE VIEW]

Hosted Payment Page (HPP) integration [STORE VIEW]

Note: Embedded options provide support for card payments only.
Custom Payment Pages Configuration must be enabled for embedded options.

Payment Method Title [STORE VIEW]

Alternative Payment Methods

Enabled [STORE VIEW]

Continuous Authorisation Payments

MOTO

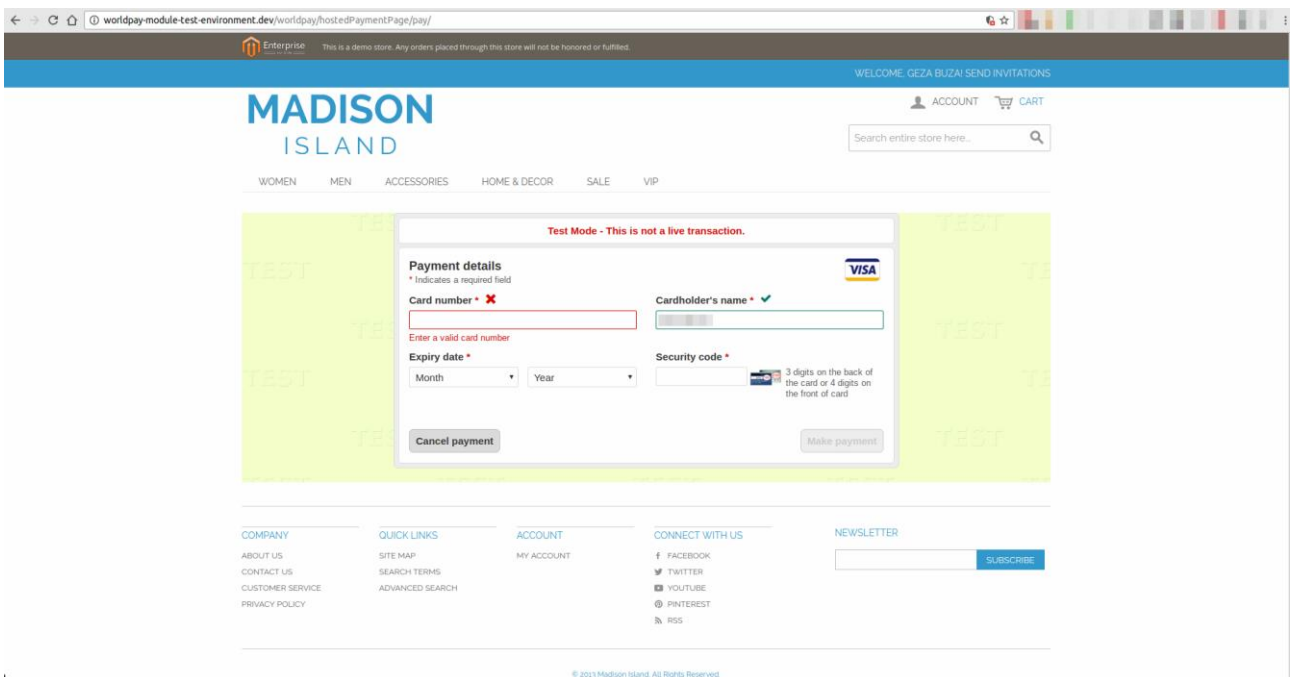
Export Configuration

Archiving Abandoned Orders



Figure 11 Credit Card Configuraition Part 2

Option	Description	Default
Enabled		No
Integration Mode	Selecting Direct or Redirect will swap the integration methods from Worldpays Direct XML and Worldpays Redirect XML. The key element is selecting Direct XML will allow card details to be captured on your Magento installation and therefore increase your PCI DSS compliance requirements	Unselected
Payment Method Title	Title of section visible to shopper upon checkout	Unselected
Card Type	Highlight by clicking on required payment methods. Hold ctrl to multi select.	Empty



1.16.7 Alternative Payment Methods Configuration

Option	Description	Default
Enabled		No
Title	Title of section visible to shopper upon checkout	Empty
Payment Methods	Highlight by clicking on required payment methods. Hold ctrl to multi select. Ensure you have agreement with Worldpay to offer selected payment methods	Unselected
Sort order	Controls the order in which this methods will appear	Empty

1.16.8 Continuous Authorisation

Tokenisation enables shop customers and admin users to save shopper's credit card reference for later usage. The extension does not store the real credit card number, instead, it saves a tokenised string which represents the card number. The tokenised string is issued by Worldpay server during an e-commerce or MOTO payment. Tokenisation takes place only if shopper or admin user ticks the related checkbox "Save card details for later use" at payment step of checkout.



Tokenisation must be enabled on your Worldpay account. Please contact your implementation manager to enable this feature

The URL of the notification requests must be a secure URL, e.g. [HTTPS://my-ecomshop.co.uk/worldpay/notification](https://my-ecomshop.co.uk/worldpay/notification)

How it works

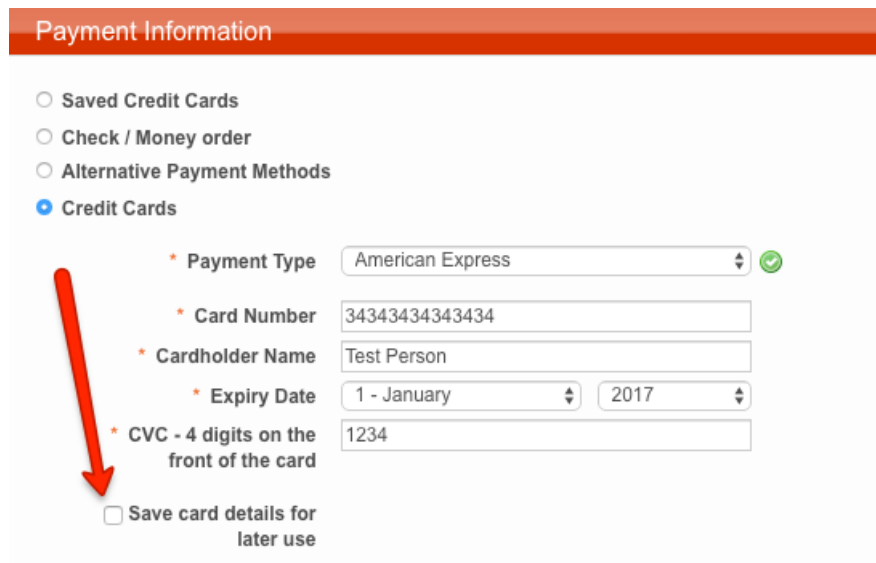
Credit cards can be tokenised both from e-commerce side and from Magento admin panel (via MOTO payments). Created tokens can be used via MOTO and c-commerce payments on any website/store scope in the same Magento instance. There is no website nor store restriction.

Magento uses shopper-related tokens.

Tokenisation works with direct and redirect integration type and works with client-side encryption too.

E-commerce area

When a shopper goes to the checkout page and select credit cards as payment method, there is checkbox to trigger the tokenisation:



Payment Information

- Saved Credit Cards
- Check / Money order
- Alternative Payment Methods
- Credit Cards

* Payment Type ✓

* Card Number

* Cardholder Name

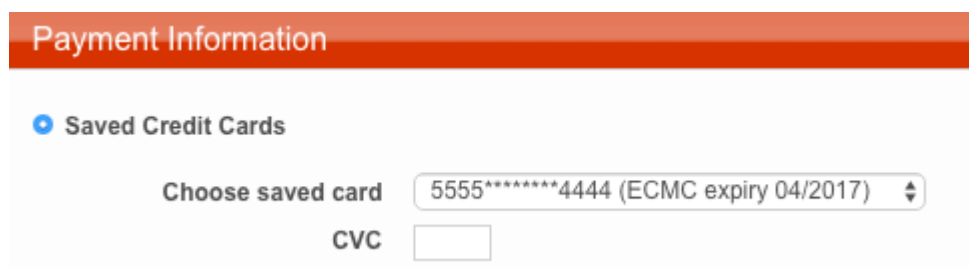
* Expiry Date

* CVC - 4 digits on the front of the card

Save card details for later use

Once shopper makes the payment and the checkbox is ticked, a token will be created during the payment process.

Next time shopper goes to the checkout, there will be a new payment method displayed as "Saved Credit Cards":



Payment Information

- Saved Credit Cards

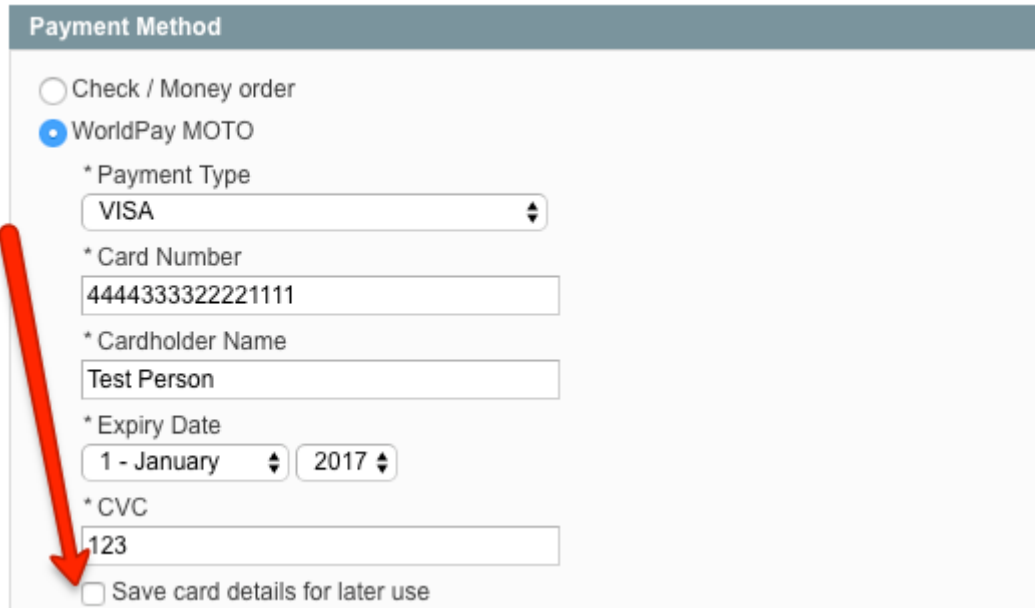
Choose saved card

CVC

Now shopper select one of the saved card and can make a payment without providing the card details again.

Admin area (MOTO)

When admin user creates a new order, there is checkbox to trigger the tokenisation in payment field:

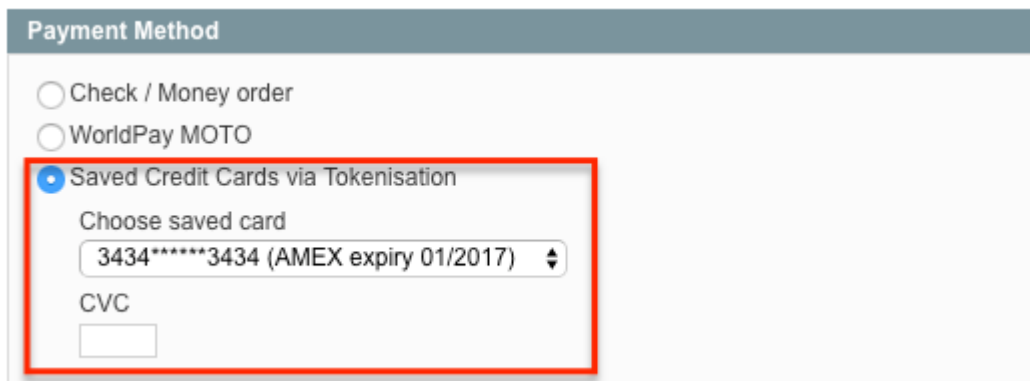


The screenshot shows the 'Payment Method' form. The 'WorldPay MOTO' option is selected. The form includes the following fields:

- Check / Money order
- WorldPay MOTO
 - * Payment Type: VISA
 - * Card Number: 4444333322221111
 - * Cardholder Name: Test Person
 - * Expiry Date: 1 - January 2017
 - * CVC: 123
 - Save card details for later use

Once admin user makes payment and the checkbox is ticked, a token will be created during the payment process.

Next time admin user create another order, there will be a new payment method displayed as "Saved Credit Cards via Tokenisation":



The screenshot shows the 'Payment Method' form. The 'Saved Credit Cards via Tokenisation' option is selected. The form includes the following fields:

- Check / Money order
- WorldPay MOTO
- Saved Credit Cards via Tokenisation
 - Choose saved card: 3434*****3434 (AMEX expiry 01/2017)
 - CVC: [Empty field]

So admin user can select one of the saved card of the shopper and can make a payment without providing the card details again.

Upgrading from previous version of the extension (replacing Pay As Order references with tokens)

If you have used WorldPay's payment extension before and you enabled **Continuous Authorisation Payments** then you probably already have some saved credit card reference via the old "**Pay As Order**" integration method. In this case, already existing old card references will be replaced with tokens once it's used the first time after installing the latest version of the extension. Old card references can be used for payment only from e-commerce side, cannot be used for MOTO payment.

Once a shopper placed an order with the old card reference, token will be created and old card reference will be removed. From this point, saved card can be used for MOTO payment too.

Configuration in Magento admin panel

To get it work, you need to enable and provide merchant details:

- Visit **System > Configuration > WorldPay** menu and open the section **Continuous Authorisation Payments** section
- Set **Enabled** to Yes
- Fill in all the input fields logically
- Click on the **Save Config** button

Recurring		
Enabled	<input type="text" value="Yes"/>	[STORE VIEW]
Title	<input type="text" value="Existing Payment Method"/>	[STORE VIEW]
Merchant Code	<input type="text"/> <small>▲ Merchant Interface > Profile > Merchant Code</small>	[STORE VIEW]
XML Username	<input type="text"/> <small>▲ Merchant Interface > Profile > Merchant Environment > New/Original XML Username</small>	[STORE VIEW]
XML Password	<input type="password"/> <small>▲ Merchant Interface > Profile > Merchant Environment > XML Password</small>	[STORE VIEW]
Require CVC	<input type="text" value="No"/>	[STORE VIEW]
Sort order	<input type="text" value="12"/>	[STORE VIEW]

Figure 12. Continuous Authorisation

Option	Description	Default
Enabled		No
Title	The title of the function of using a stored card that a shopper will select as they checkout	Existing Payment Method
Merchant Code	Merchant code to use with Redirect payments.	Empty
XML Username	XML Username configured in Merchant Profile Configuration .	Empty
XML Password	XML Password configured in Merchant Profile Configuration .	Empty
Require CVV/CVV2/CVC	If enabled, requires shopper to enter in their 3 or 4 digit secure code during the checkout	No
Sort order	Sorts the order in which you want the option of using a saved card offer in relation to other payment methods	Empty

1.16.9 MOTO Configuration

The screenshot displays the MOTO Configuration page with the following settings:

- Enabled:** Yes
- Merchant Code:** SESSIONCOM2
- XML Username:** N8IEZYXBU38F1L7M4TVF
- XML Password:** [Masked]
- MAC Enabled:** No
- MAC Secret:** [Masked]
- Credit Cards:** (Section header)
- Integration Mode:** Direct
- Payment Method Title:** WorldPay MOTO

Figure 13 MOTO Configuration

Option	Description	Default
Enabled		No
Title	The title of the function of using a stored card that a shopper will select as they checkout	Existing Payment Method
Merchant Code	Merchant code to use with Redirect payments.	Empty
XML Username	XML Username configured in Merchant Profile Configuration .	Empty

Option	Description	Default
XML Password	XML Password configured in Merchant Profile Configuration .	Empty
Integration Mode	Selecting Direct or Redirect will swap the integration methods from Worldpays Direct XML and Worldpays Redirect XML. The key element is selecting Direct XML will allow card details to be captured on your Magento installation and therefore increase your PCI DSS compliance requirements	Unselected
Payment Method Title	The title of the function of using a stored card that a shopper will select as they checkout	

1.1 Multiple Store Configuration

It is possible to configure the module to work with multiple stores using Magento's configuration scope. On the module's configuration screen, select the scope (substore / website) that you wish to configure from the drop down menu in the top left corner. Then update the settings that should be different from the default configuration.

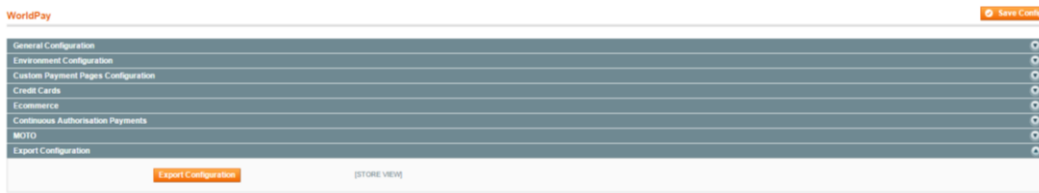
The screenshot shows the WorldPay configuration page in Magento. On the left, the 'Current Configuration Scope' is set to 'EU'. Below this is a 'Configuration' sidebar with 'GENERAL' selected. The main content area is titled 'WorldPay' and shows the 'General Configuration' section. The settings are as follows:

Setting	Value	Use Website [STORE VIEW]
Enable logging	Yes	<input checked="" type="checkbox"/>
Invoice and capture automatically	Yes	<input type="checkbox"/>
Order title	Payment for Magento order:	<input checked="" type="checkbox"/>
Payment method selection	Radio Buttons	<input checked="" type="checkbox"/>

Figure 14: Multi Store

In the example above, the *EU* scope has been selected, and the *Invoice and capture automatically* has been set to *Yes*. This means that in this example, the UK store will not automatically capture authorised payments, whereas the EU store will.

1.2 Export Configuration



To assist with implementations and queries we have implemented a new feature which allows for instantaneous exporting of the configurations of your instance. Providing this information to Worldpay will allow for faster, and more informed, reviews into trouble shooting or questions. The file exports as a .txt file

1.3 Third party module integrations

One Step Checkout

The third party module, One Step Checkout, will work functionally but there is a known limitation. The filtering of payment methods (credit cards, APMs) based on the billing address country selected does not work as it does with Magento's default checkout. It will filter based on the country selected when the page was loaded, but changing the country will not update the list of available payment methods.

Translations

1.17 Template for customisation of language files

In order to customise the plugin with different translations, the standard Magento technique should be followed. The plugin showcases languages English. TO showcase local languages use the steps detailed below.

The following is a sample process to create French translations.

- Create a new folder, if one does not already exist e.g. `app/locale/fr_FR`
- Copy the module's provided locale file that should have been copied during installation e.g. `app/locale/en_GB/SessionDigital_WorldPay.csv` to `app/locale/fr_FR/SessionDigital_WorldPay.csv`
- Each line of the file relates to a specific translation with the format "Translation key", "Translation"
 - In practice, this means that if there is an entry such as "Credit Card", "Credit Card" that you would like to translated to French, adjust it so that it becomes "Credit Card", "Carte de crédit"

Any lines that do not need translation can safely be removed



Known Issues and Limitations

1.18 Limitations

One Step Checkout does not allow for a customer to save their card after checking out as a guest on their first attempt

Appendix

1.19 End User Licence Agreement

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