Magento CardEaseXML Integration Guide

A guide for Magento store administrators describing how to install and configure the CreditCall CardEaseXML extension into their store.

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Distribution List

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section 1 – getting started

registration

Registration to use CreditCall CardEaseXML can be performed by visiting this web site and completing the necessary form:

https://testwebmis.creditcall.com/

During the process of registration it will be necessary to supply a valid email address and choose a password. An email will be sent to the supplied email address which will enable confirmation of registration.

Registration will provide details of a CardEaseXML Terminal ID and a CardEaseXML Transaction Key. It will be necessary to make a note of these as they will be required for integration, testing and use of CardEase.

Once registration is complete and all of the necessary details have been obtained, development can proceed.

integration

Integration with CardEaseXML can be performed in by using the pre-existing Magento CreditCall CardEaseXML Plug-in The installation and configuration of the CreditCall CardEaseXML Magento Plug-in is described later in this document.

Please note, it is necessary to thoroughly test your installation and configuration settings to ensure that your module works as you expect.

testing

During integration with the CardEaseXML platform it is possible to make use of the CardEaseXML test server.

Majority of transactions submitted to the test server behave in an identical manner to those submitted to a live server, however the corresponding bank transaction will not be performed against the card details used.

During testing, and after deployment is complete, it is possible to view all of the requests and the results of these with WebMIS.

The CardEaseXML test server should not be used for load testing as Denial-Of-Service attack measures will cause the connecting IP addresses to be blocked.

webmis

In order to view requests made to the CardEaseXML platform and their responses it will be necessary to login to WebMIS using the username and password that were created at the time of registration.

WebMIS displays the processed transactions and includes information such as:

- Terminal Information
- Approval Result
- Settlement State
- Masked Primary Account Number
- Transaction Totals

section 2 – installation

installation process

Installing the CreditCall CardEaseXML payments plug-in into your Magento installation is very straightforward.

- First you will require the CardEaseXML module's extension key. This can be found by searching for the module from the Magento Connect website http://connect.magentocommerce.com/.
- Once you have the extension key go to your stores Magento Admin Panel.
- Navigate to **System** > **Magento Connect** > **Magento Connect Manager**.
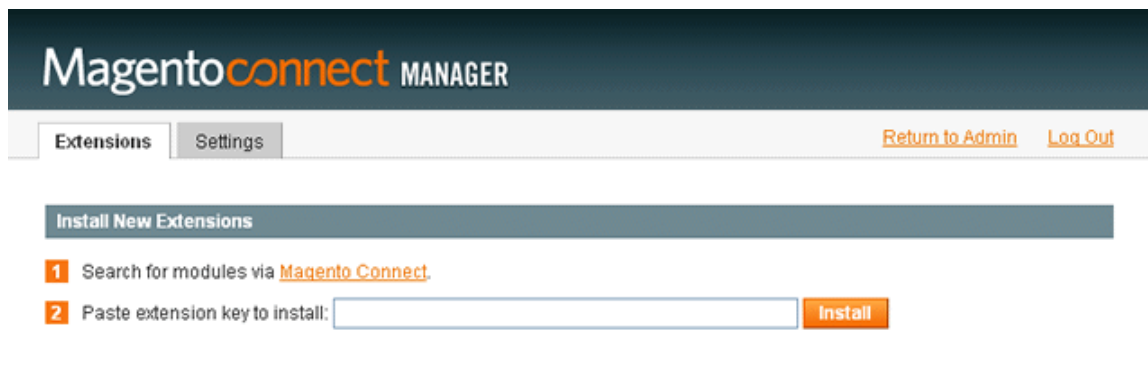
- Paste the extension key into the field shown.
- Click install.

section 3 – configuration

configuration overview

Once you have installed the extension it will automatically integrate into your Magento store and be ready for configuration

- To configure the extension login to your Magento admin and select *System -> Configuration.*
- Select *Payment Methods* from the left-hand menu.
- You should now see a new tab called "CardEase" in the list of payment methods, click to select this tab which will display the configuration options for the CreditCall CardEaseXML payments extension.

Payment Methods   **Save Config**

| Saved CC |
| Zero Subtotal Checkout |
| Check / Money order |
| Purchase order |
| Authorize.net |
| Payflow Pro |
| PayPal Express Checkout |
| PayPal Website Payments Pro - Direct Payments |
| PayPal Website Payments Standard |
| PayPal Website Payments Pro (Payflow Edition) - Express Checkout |
| PayPal Website Payments Pro (Payflow Edition) - Direct Payments |
| Amazon Simple Pay |
| Checkout by Amazon |
| CardEase |

Title   Credit/Debit Card (Secured by CreditCall CardEas

Enabled   Yes

configurable properties

The following properties can be configured from the Magento Payment Administration panel in order to customise your stores integration with the CardEaseXML Payment system.

Field Name	Purpose	Example
Title	This is the title which will appear under 'Payment Methods' when the customer reaches the Checkout.	Credit/Debit Card (Secured by CreditCall CardEaseXML)
Enabled	Select 'No' to disable this plug-in. Select 'Yes' to enable it.	Yes

Field Name	Purpose	Example
Test Mode	Test credentials consisting of a Terminal ID and Transaction Key can be obtained by registering with the Test WebMIS Platform at https://testwebmis.creditcall.com. The Test WebMIS Platform will allow for an integrator to view test transactions that have been submitted to the test CardEaseXML platform. The Test Mode should be set to 'Yes' while you are configuring and testing your Magento installation and CreditCall CardEaseXML plug-in. Once you have completed integration and performed your own testing CreditCall will provide you with the connection credentials to our live platform.	Yes
Visa Merchant Id	The Visa Merchant ID assigned by the acquiring institution. This should be specified as a 1 to 24 digit number.	123456789012345
MasterCard Merchant Id	The MasterCard Merchant ID assigned by the acquiring institution. This should be specified as a 1 to 24 digit number.	123456789012345
CardEaseMPI Password	The CardEaseMPI password that has been supplied by CreditCall. For the test platform this should be specified as P@ssw0rd.	P@ssw0rd
Terminal Id	Specifies the terminal ID associated with the machine performing the request. This is supplied by CreditCall Communications. It is unique across all CardEaseXML products. It is a numeric string with a fixed length of 8 characters.	12345678
Transaction Key	Specifies the transaction key associated with the request. It is supplied by CreditCall Communications for a terminal or number of terminals. It must be in exactly the same case as provided by CreditCall. It is an alphanumeric string with a maximum length of 20 characters.	paiipH9yhjk4
Request Type	The type of request to perform. Can either be "Auth" which is a full authorisation that can be settled, or "PreAuth" which is an authorisation that is used to confirm that the card details are valid.	Auth
New order status	All new orders will be created with this initial status in your Magento store.	Pending
Seller Email Address	Allows you to select the seller email address to associate with the transaction. The options displayed will be based on what email addresses you have configured for your Magento store.	Customer Support
Forward order product details to CardEaseXML	If enabled CardEaseXML will accept and store details of the product(s) being purchased for each transaction. The list of products can be retrieved in WebMIS and it used an input to the fraud profiling service.	No
Enable Billing Address Verification	This option should be enabled if the seller requires that the cardholder's address is verified using the Address Verification System (AVS). • "Don't send": No verification is performed. • "Void if no match or partial match": Void the transaction and report as declined if address does not match or only partially matches. • "Check but don't do anything": The result of the authorisation will be returned by the bank and the result of the check will be visible in WebMIS. • "Void if no match or partial match or not checked": Void the transaction and report as declined if address does not match or only partially matches or the address is not set.	Don't Send

Enable Postal Code Verification	This option should be enabled if the seller requires that the cardholder's post/zip code is verified using the Address Verification System (AVS). • "Don't send": No verification is performed. • "Void if no match or partial match": Void the transaction and report as declined if address does not match or only partially matches. • "Check but don't do anything": The result of the authorisation will be returned by the bank and the result of the check will be visible in WebMIS. • "Void if no match or partial match or not checked": Void the transaction and report as declined if address does not match or only partially matches or the post/zip code is not set.	Don't Send
Enable CVV verification	The option should be enabled if the seller requires that the Card Verification Value (CVV) is verified. • "Don't send": No verification is performed. • "Void if no match or partial match": Void the transaction and report as declined if address does not match or only partially matches. • "Check but don't do anything": The result of the authorisation will be returned by the bank and the result of the check will be visible in WebMIS. In most cases the bank will automatically decline a transaction where the CVV does not match. • "Void if no match or partial match or not checked": Void the transaction and report as declined if address does not match or only partially matches or the CVV is not set.	Don't Send
Enable 3-D Secure verification	This option should be enabled if the seller requires that the cardholder is verified using 3-D Secure (Verified by Visa or MasterCard SecureCode). If the verification does not match, the transaction will not be processed.	Yes
Visa Acquirer Bin	The Visa Bank Identification Number (BIN)/Issuer Identification Number (IIN) of the acquiring institution. This should be specified as 1 to 11 digit number.	123456
MasterCard Acquirer Bin	The MasterCard Bank Identification Number (BIN)/Issuer Identification Number (IIN) of the acquiring institution. This should be specified as 1 to 11 digit number.	123456
Transaction Currency	This is the currency to be used for transactions sent through the CardEaseXML payment system. You can use either the base currency or the display currency as configured on your Magento Installation.	Use Base Currency
Credit Card Types	Select the supported credit cards.	Visa, MasterCard
Enable Auto-confirmation	Use this setting to enable/disable whether the transaction should be automatically confirmed and committed for settlement when approved. If this is not enabled, each transaction must be manually checked using WebMIS before the authorisation is committed for settlement. This should only be enabled in situations where there are no physical goods to deliver as payment should not taken before the items are shipped.	No

further customising your CardEaseXML and CardEaseMPI integration

The CreditCall CardEaseXML plugin available via MagentoConnect supports a number of the features available when integrating with CardEase. Should you wish to configure additional setting to those described above it is possible to do so by making direct changes to the plug-in code itself.

For full details of the technical configuration options available for integration using CardEaseXML and CardEaseMPI please contact cexmlsupport@creditcall.co.uk

technical support

CreditCall provide business-hours technical support to web developers integrating the CreditCall CardEaseXML and CardEaseMPI plug-in with a customer's website. Email to cexmlsupport@creditcall.com and we will endeavour to assist within the shortest possible time.

creditcall branding

The CreditCall brand is respected as being synonymous with security and reliability. You may wish to include this logo on your site:

```
<a href="http://www.creditcall.com">
    <img
            alt="Secure Payment by CreditCall"
            border="0"
            src="http://www.creditcall.com/images/Secure_CreditCall_135px.gif"
    />
</a>
```

test cards

The following cards can be used to perform test transactions:

Scheme	Card Number	Password	CSC	Address	Postcode
Maestro	6759111011100000	password	000	3 Wapping Road, Bristol	BS1 7YT
Maestro	6333000023456788		888	1 Bd Victor, Paris, France	75015
MasterCard	5123450000000008	12345	512	56 Gloucester Road, Glasgow	GL1 2US
MasterCard	5301250070000191		999	73 Whiteladies Road, Clifton, Bristol	BS8 2NT
Visa	4123450131003312	12345	412	782 Northampton Lane, Hull	HL8 2UA
Visa	4111111111111111			28 Bishopgate Street, Sedgeford	PE36 4AW
Amex	341111597241002		1111	27 Broadway, New York	10004-1601

acquirer BINs

The following table lists the BINs for the major acquiring banks:

Acquiring Bank	MasterCard BIN	Visa BIN
Allied Irish Bank (Domestic Merchants)	543487	474198
Allied Irish Bank (International Merchants)	510213	474199
Barclays Bank	523065	492900
Elavon Financial Services	518422	446365
Halifax Bank of Scotland	520334	405657
HSBC Bank	518644	429024
Lloyds TSB Bank	540436	408532
The Royal Bank of Scotland	542515	491677