Installation Manual for InterCard Gambio

This manual describes the installation and usage of the InterCard extension for Gambio.

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wallee AG General-Guisan-Strasse 47 CH-8400 Winterthur

E-Mail: info@sellxed.com

Telefon:

CH: +41 (0)44 505 13 60 DE: +49 (0)40 2999 60117 UK: +44 (0)161 850 6890 US: +1 (0)205 557 5869

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1 Introduction

This manual explains the installation, configuration and usage of the payment module for Gambio and InterCard.

Before beginning with the installation, please make sure that you are in possession of all necessary data:

- You should have received a Merchant ID from InterCard for the test account. Furthermore, you have received the corresponding user name and password
- Encryption password and HMAC-Key
- An Analytics Password which you require for logging into InterCard Analytics
- Gambio payment module by sellxed.com/shop
- Access data to your server and shop

In case you don't yet have a contract with InterCard, you can gladly acquire it directly through us.

Note that you must use at least PHP version 5.6 for our plugins. PHP 8 or higher is currently not supported.

1.1 Process of the Installation

In this document you will find all important information for the installation of the module. It is important that you strictly follow the checklist. Only by doing so, can a secure usage in correspondence with all security regulations be guaranteed.



- 1. Basic configuration of the server including the setting up of the notify script
- 2. Configuration of the basic settings of the payment module
- 3. Configuration of the payment methods
- 4. Carrying out of a test purchase with the attached test data at the end of this document
- 5. If the test was successful, your account can be activated

Installation Service

Our payment plugins should have per default the correct settings for most of our customers' preferences. That means once you have entered the required credentials in the plugin configuration to connect your account to your website, the plugin should be fully operational. Should you be willing to receive detailed information on a setting you do not know, you may contact our support team who will be able to assist you further.

Our support team is at your disposal during regular business hours at: http://www.sellxed.com/support. Furthermore, you have the option of ordering our installation service. We will make sure the plugin is installed correctly in your shop: http://www.sellxed.com/shop/de/integration-und-installation.html

.htaccess Directory Protection

In order to test the module, any kind of directory protection or IP blocking on your server must be deactivated. This is crucial as otherwise the payment feedback of InterCard might not get through to the shop.

1.2 System Requirements

In general, the plugin has the same system requirements as Gambio. Below you can find the most important requirements of the plugin:

- PHP Version: 5.4.x or higher
- OpenSSL: Current version with support for TLS 1.2 or higher.
- fsockopen: The PHP function fsockopen must be enabled. The plugin must be able to connect to external systems over the Internet.
- PHP Functions: All common PHP functions must be enabled.

Gambio v3.2.x

Gambio in version 3.2.x uses a different checkout process than other versions, and is not supported. If you use this version, please upgrade to a newer version of Gambio.



2 Configuration of the Payment Module and the Server

In order to perform the configuration of the <u>main module</u> of Gambio, the following information is necessary. You should have received the information from InterCard.

- InterCard Live Merchant ID
- InterCard Live Encryption Key
- InterCard Live Signature Passphrase

Enter the credentials directly inside the configuration of the <u>main module</u>. After you performed some test payments, you can switch between Live Mode and Test Mode.

2.1 Configuration of the Payment Module

For the usage of the gateway in your shop, fill in all received access data at its corresponding place in the <u>main module</u> and in the <u>payment methods</u>.

Hidden Mode

Please Note if you use hidden this poses additional PCI requirements to your shop that have to be met. Get in touch with InterCard to get additional information.

Also if you use Hidden in your Module please advise InterCard that they are able to configure your paynow settings accordingly.



3 Module Installation and Update in the Gambio Shop

3.1 Installation

At this time you should already be in possession of the module. Should this not be the case, you can download the necessary files in your customer account in the <u>sellxed shop</u> (Menu "My Downloads Downloads"). In order to install the module in your shop, please carry out the following steps:

- 1. Download the plugin. The download can be found in your sellxed.com account under "My Downloads".
- 2. Unzip the archive you have just downloaded.
- 3. In the unzipped folder navigate to the folder "files"
- 4. For some shops there are different versions of the plugin provided. If this is the case open the folder which corresponds to your shop version.
- 5. Using your preferred FTP client upload **entire content** of this folder into the root directory of your shop. For some shops there is a specific folder containing the plugins. If that is the case upload the plugin into this folder. Make sure that the folders aren't replaced but merely merged.
- 6. If you haven't yet done so, log back into your shop.

3.2 Language

- 1. In the unzipped folder navigate to the folder "lang"
- Using your preferred FTP client upload entire content of this folder into the lang directory of your shop.
 - Make sure that the contents aren't replaced but merely merged.

3.3 Updates and Upgrades

You have direct and unlimited access to updates and upgrades during the duration of your support contract. In order to receive constant information about available updates we ask you to subscribe to our RSS feed that we publish for your module.

More information regarding the subscription of this RSS feed can be found under: http://www.sellxed.com/en/updates upgrades.

We only recommend an update if something doesn't work in your shop, if you want to use new feature or if there is a necessary security update.

3.3.1 Update Checklist

We ask you to strictly comply with the checklist below when doing an update:

- 1. Always do a backup for your database and your files in your shop
- 2. Use always a test system to test the update process.



Wait until all the files are copied to the shop, clear the cache if there is one in your shop and then visit the configuration page of the main module so that the update process will be initialized.

Do not do updates directly in the live environment

Please test the update procedure first in your test shop. Our support team is able and willing to help you if you experience problems with the update process. However, if you decide to perform the update directly in your live shop there is the possibility of a downtime of the shop of more than two days depending on the availability of our support if you do not want to book our <u>complementary support</u>.

Depending on the version it could be that the database has to be migrated. We recommend you therefore, to perform the updates in times when the shop is not visited too frequently by your customers.

3.3.2 Update Instructions

Please always read the update instruction. Those instructions can be found in the changelog. If there are no special remarks, you can proceed by just overwriting the files in your system.



4 Module Configuration in the Gambio Shop

The configuration consists of two steps. The first step is the configuration of the main module with all the basic settings (cf. <u>Configuration of the Main Module</u>). During the second step you can then carry out individual configurations for each <u>payment method</u>. This allows for full flexibility and perfect adaptation to your processes.

Create backups!

Please create a backup of the main directory of your shop. In case of problems you will then always be able to return your shop to its original state.

We furthermore recommend testing the integration on a test system. Complications may arise with third party modules installed by you. In case of questions, our support is gladly at your disposal.

4.1 Configuration of the Main Module

You will find the settings for the module under "Modules > Module-Center(alt) > InterCard Base Module". Install the module and click on "Open Method Configuration". A new window should open up. Enter the individual options such as described above in the configuration of the administration interface of InterCard. Should one of the options not be clear to you, you can find further information by moving the cursor to the question mark. The most central settings are explained in more detail in this manual.

4.1.1 Create Pending Orders

You have the possibility of creating pending orders. In this case a temporary order will be created with the status "pending payment". This allows you to reserve the item in your shop and to transmit the identical order number as in the shop to InterCard. In the case when a customer cancels his or her purchase, the order remains in your shop - except if you activate the option "Remove cancelled orders". This makes sure that cancelled orders are deleted regularly. If you do not wish to create pending orders, simply keep the default setting of xt:Commerce. However, this also means that the reference number (payment ID) with InterCard doesn't correspond to the order number in the shop. You are, however, free to use both options.

4.1.2 Database Encoding

If you haven't selected UTF-8 as a default for your database, this might lead to encoding problems with parameters with special characters. In this case you must select the option that data is UTF-8 encoded before being sent to InterCard.



4.2 Direct Capturing of Transactions

The option "Capture" allows you to specify if you wish to debit payments directly or if you first wish to authorise them and then debit the payment at a later point.

Depending on your acquiring contract, a reservation is only guaranteed for a specific period of time. Should you fail to debit the payment within that period, the authorisation may therefore no longer be guaranteed. Further information on this process can be found below.

Different settings between InterCard and the module

It may be that settings saved in the payment modules overwrite settings saved in InterCard.

4.3 Uncertain Status

You can specifically label orders for which the money is not guaranteed to be received. This allows you to manually control the order before shipment.

4.3.1 Setting the order state

For each payment method you may select in which state the order should be set to depending on the booking state. This is the initial state of the order.

4.4 Optional: Validation

Note: It can be that this option is not visible in your module. In this case just ignore this section.

With the option 'Validation' you can define the moment when the payment method should be made visible to the customer during the checkout process. This setting is relevant for modules where the usage depends on the customer's compliance with specific preconditions. For example, if a solvency check has to be carried out or if the payment method is only available in certain countries. In order for the credit check or address validation to also work with European characters, the charset of the "Blowfish mode" must be set to "UTF-8" for certain PSP settings.

You have the choice between these options:

- Validation before the selection of the payment method: A validation verification is carried
 out before the customer selects the payment method. If the customer does not fulfill the
 requirements, the payment method is not displayed
- Validation after selection of the payment method: The verification of the compliance occurs after the selection of the payment method and before the confirmation of the order
- **During the authorisation:** The validation verification is carried out by InterCard during the authorisation process. The payment method is displayed in any case



5 Settings / Configuration of Payment Methods

5.1 General Information About the Payment Methods

The plugin contains the most common payment methods. In case a desired payment method is not included per default, please contact us directly.

In order to be able to use a payment method, it must be activated in your account with InterCard as well as in your shop. Information about the configuration of the payment methods can be found further above.

Below you can find important information for specific payment methods that deviate from the standard process.

5.2 Information on Payment Status

For each payment method you can define an initial payment status (status for authorized payments etc.). You hereby define the payment status for each state depending on the processing type of the order (captured, authorized, etc.). It's the initial status which the order assumes. Depending on the mutation carried out by you, the status can change.

Important info regarding Order Status

Never set the status to **Pending InterCard** or any similar pending status which is implemented by the module.

5.2.1 Order status "pending" / imminent payment (or similar)

Orders with the status 'pending InterCard' are pending orders. Orders are set to that status if a customer is redirected in order to pay but hasn't returned successfully or the feedback hasn't reached your shop yet (Customer closed window on the payment page and didn't complete payment). Depending on the payment method these orders will automatically be transformed into cancelled orders and the inventory will be cleared (so long as the Cronjob is activated). How long this takes depends on the characteristics of the payment method and cannot be configured.

If you have a lot of pending orders it usually means that the notifications from your webserver to InterCard are being blocked. In this case check the settings of your firewall and ask the Hoster to activate the IPs and User Agents of InterCard.

5.2.2 Order status "cancelled"

Orders with the status "cancelled" have either been set to that status automatically due to a timeout, as described above, or have been cancelled directly by the customer.



5.3 Payment Methods

The modules differentiate between the standard and the professional version. In the professional version, all payment methods available for InterCard are integrated. With the standard version, however, you only receive the most common payment methods. Should a desired payment method not be available, please contact us directly.

5.3.1 Code Adjustments for the MasterPass Integration (Gambio GX 1.x)

If you use GX 2.x, the following code adjustments are not relevant for you.

In order for the button "Pay with MasterPass" to appear in the shopping cart when using external checkout with address transmission, the following adjustments in the code have to be made. If you prefer to simply use MasterPass as a regular payment method without address transmission, no changes are necessary.

The files containing the necessary code adjustments can be found in the zip files in /changes/*. txt. Please paste the codes contained in these files into the location described below.

5.3.1.1 Adjusting shopping_cart.php

Please copy the code snippet from the file /changes/shopping_cart.php.txt in front of the following code:

\$smarty->assign('language', \$_SESSION['language']); (ca. line 140)

5.3.1.2 Adjusting templates/[current-active-template]/module/shopping_cart.html

Please copy the code found in /changes/shopping_cart.html.txt in front of the tag-{/if}:

5.3.2 Further information

MasterPass with External Checkout cannot be used in combination with vouchers. If the customer wants to redeem a voucher, she has to go through standard checkout.



6 The Module in Action

Below you will find an overview of the most important features in the daily usage of the InterCard module.



Figure 6.1: Transaction Information

6.1 Useful Transaction Information on the Order

You can find an overview of the transaction information in within the order detail view. Among others, this information allows for the definite attribution of the orders to their corresponding transaction, seen in the backend of InterCard.



Transaktionsnummer

Transaktions ID	12			
Transaktionsnummer	9_12			
Bestell ID	9			
Erstellt am	2013-11-26 18:03:28			
Erneuert am	2013-11-26 18:03:59			
Kunden ID	1			
Zahlungsid	25691316			
Zahlungs-Klasse	positivamento, riso			
Autorisierungsbetrag	125			
Währung	EUR			
Zahlungsmethode	Visa			
Zahlungsid	25691316			
Verbuchter Betrag	125			
Transaktion autorisiert	Ja			
Transaktion ist unsicher 9	Nein			
Transaktion verbucht	Ja			
Transaktion bezahlt	Ja			
Akzeptanz	test123			
Kartennummer	XXXXXXXXXXXXX0003			
Kartenablaufdatum	06/16			
Händler Referenz	pt_most_sellinst_9_12			

Figure 6.1: Transaction Information

6.2 Using Invoice Details of a Processor

In the following context you can view or embed the "payment details" of for example an "Open Invoice" transaction:

6.2.1 Gambio Order Confirmation (E-Mail)

The "payment information" will be visible in the default "order confirmation e-mail" of Gambio.



6.2.2 Gambio Invoice (PDF)

Due to technical limitations, it is currently not possible to display the "payment information" here.

6.2.3 Gambio-Backend (Transaction details)

You can view the transaction details in Gambio under **Modul-Center (old) > InterCard Base Module > open main module configuration > (above) Transaction Management**.

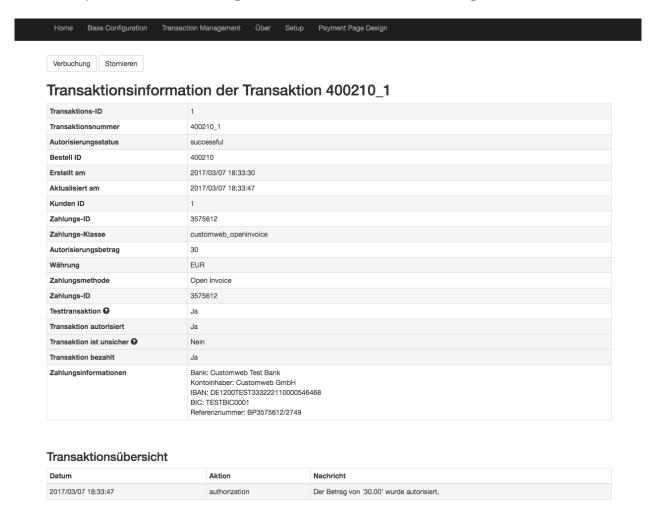


Figure 6.1: Transaction details within Gambio.

6.2.4 Gambio Success-Page

Due to technical limitations, it is currently not possible to display the "payment information" here.

6.3 Trigger Payments in the Gambio backend

With the Gambio payment module, orders can be triggered directly from within the shop, so called Mail Order / Telephone Order (MOTO).



- 1. Go to the customer overview and activate a customer. By clicking on "Create Order" a new window opens up for the creation of the order
- 2. Click on "Edit" and select the item and the options
- 3. In the field payment method you can select the preferred payment method and click on "Submit Order"
- 4. Depending on the authorisation method that you have saved for the selected payment method, you will either be redirected to the Payment Page of InterCard or the mask for the credit card will appear such as in the image below. Enter the credit card data of the customer

6.3.1 Refunding Orders

In order to refund orders, open the transaction information (cf. above). There you will find information on the transaction. Click on 'Refunding' and select the order which you would like to create a refund for. By clicking on 'Refunding', the refund is transmitted to InterCard.

Zurück

Teilgutschrift

Name	SKU Typ		MwSt.	Menge	Total (exkl. MwSt.)			
Testartikel	ABC123	product	8 %	1	20.54	2		
Selbstabholung (Selbstabholung der Ware in unserer Geschäftsstelle.)	shipping	shipping	0 %	1	0.00	0		
Total gutgeschriebener Betrag:								

Transaktion für weitere Rückvergütungen schliessen

Figure 6.1: Refund button

Executing a refund will not change the status of the order.



6.4 Capturing / Canceling of Orders

Please note

The transaction management between your shop and InterCard is not synchronized. If you capture payments with InterCard, the status in the shop will not be updated and a second capturing in the shop is not possible.

6.4.1 Capturing / Canceling of Orders

In order to capture orders, open the transaction information (cf. above). There you will find information on the transaction. Further below you will find an input field in which you can enter the amount you wish to capture. By clicking on "capture", the capture will be transmitted to InterCard. You no longer need to log into the backend of InterCard.

By clicking on "Cancel Transaction" you cancel the transaction and the reserved amount is immediately released on the card of your customer.

Transaktion verbuchen Betrag vergüten 125 Transaktion schliessen Ja, Transaktion schliessen Verbuchen Transaktion abbrechen Transaktion abbrechen

Figure 6.1: capture oder cancel button.

6.5 Usage of the Alias Managers / Token Solution

With the Alias Manager, your customers can securely save their credit cards with InterCard for later purchases. You can enable this by activating the option "Alias Manager" in the configuration of the <u>Payment Method</u>. The customer can then choose from his or her saved credit cards without having to re-enter all the details.





Figure 6.1: Alias Manager

Please pay attention!

The usage of the Alias Managers requires the activation of the correct option with InterCard. To do so, please contact the support directly.

6.6 Setup a Cron Job to Activate the Timed Operations

To activate the timed operations of the plugin (e.g. update service, deleting pending orders, etc.), please activate in a regular request to the file **intercardcw_cron.php**. The regular call triggers the appropriate actions. We recommend an intervall of about 15 minutes.

Here we suggest you use a Cron Engine like for example <u>EasyCron</u>. That way you can This allows you to open the file (URL) with an external service.



7 Testing

Before switching from test to live mode it is important that you test the module extensively.

Testing

Do not forget to switch the operating mode from test to live after having successfully tested the module.

7.1 Test Data

In the following section you can find the test data for the various payment methods:

Credit Card (Intercard)

Card number 555555555554444 Mastercard

Expiry Date 12/2023 CVC123

Card number 4000012892688323 Visa

Expiry Date 12/2020 CVC123

Direct Debits

Direct

Wischnewski RatePay: B2C Last Name

First Name Hans-Jürgen Birtday 1973-12-27

Müllerstraße 137 Street

Postcode 13353 Berlin City Country DE

Phone 03018425165

Company Name Imperium UG RatePay: B2B

Sales Tax Number DE123456789 Last Name **Descartes** First Name René 1973-12-27 Birtday Street Odeonplatz 1 Postcode 80539

München City DE

Country

Phone 08945687541

BIC BYLADEM1ROS InterCard: Accepted

IBAN DE36711500000009290701

sellxed

Paymorrow: Accepted

Customer ID customer1

Company Must be empty

Gender FEMALE Firstname Julia Lastname Tester

Street Aalener Str. 57

Post Code 73492
City Rainau
Country DE

Phone 07361889969 E-Mail julia@tester.com

Birtday 1987-10-25

PayU CEE

Card number 4355084355084358 Visa

Expiry Date 12/2020 CVC 000

Invoice

Use any valid German address. The BillPay

first two attempts are succesful. The

Procedure third will fail.

Company Must be empty BillSAFE: Accepted

Firstname Paul
Lastname Positiv
Street Teststr. 4
Post Code 49084
City Osnabrück
Phone 095198009

http://developers.klarna.com/en Klarna

Test Data /testing/invoice-and-account

Last Name Wischnewski RatePay: B2C

First Name Hans-Jürgen Birtday 1973-12-27

Street Müllerstraße 137

Postcode 13353
City Berlin
Country DE

Phone 03018425165

Company Name Imperium UG RatePay: B2B

Sales Tax Number DE123456789
Last Name Descartes
First Name René
Birtday 1973-12-27
Street Odeonplatz 1

Postcode 80539

21 / 25



City München Country DE

Phone 08945687541

7.2 Testing - InterCard Simulation Mode

Any kind of payment method can be tested with our modules. The "Operation Mode" corresponds to the simulation mode with InterCard. Payments with a total of less than 10'000 EUR are always accepted.



8 Errors and their Solutions

You can find detailed information under http://www.sellxed.com/en/faq. Should you not be able to solve your problem with the provided information, please contact us directly under: http://www.sellxed.com/en/support

8.1 The Referrer URL appears in my Analytics Tool

When a customer and the notification are redirected via Header Redirection, the InterCard Referrer URL might appear in your Analytics Tool thus hiding the original traffic source. However, most Analytic Tools are able to minimize this problem.

In case you are using Google Analytics as reporting tool, this step by step guide may help you to exclude the URLs: <u>under bullet point 4</u>.



9 Error Logging

The module will log different unexpected errors or information depending on the configured level. If there is any issue with the module, this log can help identify the cause.

9.1.1 Log Levels

You can configure the log level in the InterCard settings.

- Error: Logs unexpected errors only. (Default)
- Info: Logs extended information.
- Debug: Logs information helpful for debugging.

9.1.2 Log Location

The log messages are visible in the Gambio backend under "Modules > Module-Center > InterCard Base Module > Log Messages".



10 Advanced Information

This section of the manual is for advanced usage of the module. The content is for advanced users with special requirements. Everything in this section is optional and not required for the daily usage of the module.

10.1 Transaction Object

This section describes how to extract information from a transaction, if you need it for further processing. E.g. you require more information of the transaction for further processing an order in your ERP system.

The code snippets in this section assume your script resides in the root folder of the shop with the default shop folder structure.

Have Gambio initialized in your script, this is required for the database connection.

```
include ('includes/application_top.php');
Include the module main file and module classes.
require_once DIR_FS_DOCUMENT_ROOT.'admin/includes/InterCardCw/init.php';
require_once DIR_FS_DOCUMENT_ROOT.'admin/includes/InterCardCw/classes
/InterCardCw/Entity/Util.php';
Now you can load the transaction and then extract the transactionObject.
Load the transaction by Id:
$transactionById = InterCardCw_Entity_Util::findTransactionByTransactionId
($transactionId);
$transactionObject = $transactionById->getTransactionObject();
Load the transaction by external Id:
$transactionById = InterCardCw_Entity_Util::
findTransactionEntityByTransactionExternalId($externalId);
$transactionObject = $transactionById->getTransactionObject();
Load transactions by Order ID:
$transactionsByOrderId = InterCardCw_Entity_Util::
findTransactionsEntityByOrderId($orderId);
foreach($transactionsByOrderId as $transaction){
    $transactionObject = $transaction->getTransactionObject();
    //Do something with each object
}
```