



## Payment Gateway e-Sitef - Magento

### User Guide

Module version 1.0.0

Document version 1.1

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**To use this plugin, it is necessary to configure SiTef itself. For that, the merchant has to contact Software Express to make sure these configurations are adequate.**

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# 1. System Requirements

Minimal store requirements are:

- Magento version 2.3.5
- PHP 7.3
- Apache 2.4

For further details about system requirements you can access [Magento's official documentation](#).

This plugin is also compatible with Magento 2.2 and older versions that are considered obsolete by [Magento Marketplace](#) (see image below).

The screenshot shows the Magento Marketplace interface for searching extensions. The top navigation bar includes the Adobe logo, 'Magento Marketplace', and menu items for 'Extensions', 'Themes', 'Partners', 'Support', and 'Resources'. A search bar is present with the placeholder text 'Search for products, categories, ...'. Below the search bar, the page title is 'Extensions for Magento'. On the left, there are filter sections for 'Categories', 'Edition', and 'Versions'. The 'Versions' section is highlighted with a red box and contains the following data:

Version	Count
<input type="checkbox"/> 2.4	727
<input type="checkbox"/> 2.3	3233
<input type="checkbox"/> Obsolete (2.2 and lower)	1849

The main content area shows a search bar with the text 'Filter within Search Results' and a 'Sort By' dropdown menu set to 'Relevance'. Below this, there are several blurred extension cards displayed in a grid.

## 2. Instalation

In an existing Magento instance, extract the content in the plugin ZIP, downloaded from the store, inside the directory:

```
magento/htdocs/app/code/
```

If the folders */app/code* don't exist, create them.

Inside Magento's root directory, access the folder that contains the CLI tool:

```
cd htdocs/bin
```

Clean Magento's cache:

```
magento cache:clean
```

Activate Sitef's module:

```
magento module:enable Sitef_Gateway
```

Register the module (here the installation scripts and database creation scripts are created):

```
magento setup:upgrade
```

Enter Magento's administrative area and verify that the module is exhibited in payment methods available.

### 3. SiTef system configurations

To use this plugin, it is necessary to configure SiTef itself. For that, the merchant has to contact Software Express to make sure these configurations are adequate.

- You must have a store registered, with an ID (*merchantID*) and a communication key (*merchantKey*).
- Register the return page URL and Sitef's used APIs URLs.

The following URLs must be registered in SiTef's system:

- Successful payment redirect URL:  
`<seu_dominio>/eSitef/payment/success`
- Payment error redirect URL:  
`<seu_dominio>/eSitef/payment/failure`
- Payment cancellation redirect URL:  
`<seu_dominio>/eSitef/payment/cancel`
- Status warning API:  
`<seu_dominio>/index.php/rest/V1/transaction/updateStatus`
- Storage warning API:  
`<seu_dominio>/index.php/rest/V1/transaction/cardStorage`
- Cancellation authentication API:  
`<seu_dominio>/index.php/rest/V1/transaction/cancelOrder`

Example: for a domain such as <https://mymagentostore.com/>, the successful payment redirect URL should be <https://mymagentostore.com/eSitef/payment/success>.

## 4. Configuration

e-SiTef module has two configuration screens in the administrative area.

### 4.1. Environment and payment options

The first configuration screen can be accessed from Stores > Configuration > e-Sitef:

Configuration

Scope: Default Config

Save Config

Configurações do ambiente

Habilitar ambiente de testes [store view] Yes

Id do lojista [store view] inspira

Chave do lojista [store view] .....

Tipos de pagamento habilitados [store view]

- Cartão de crédito
- Cartão de débito
- Boleto bancário
- Transferência bancária
- Wallets e outros

Os tipos de pagamento aqui selecionados serão exibidos como o nome do método de pagamento, ao realizar o checkout do pedido. Ex: Cartão de crédito / Boleto / Transferência bancária

Configuration

Save Config

Os tipos de pagamento aqui selecionados serão exibidos como o nome do método de pagamento, ao realizar o checkout do pedido. Ex: Cartão de crédito / Boleto / Transferência bancária

Opções de pagamento

Habilitar pagamento com confirmação posterior [store view] Yes

Lista de status nos quais é permitido estorno do pedido [store view]

- Canceled
- Closed
- Complete
- Suspected Fraud
- On Hold
- Payment Review
- PayPal Canceled Reversal
- PayPal Reversed
- Pending
- Cancelamento pendente

Nos status configurados, o usuário receberá a opção de estornar o pagamento do pedido, através da tela de detalhes. O pedido e o pagamento serão cancelados.

It is possible here to configure the environment and the payment options.

## 4.1.1. Environment configuration

### 4.1.1.1. Enabling testing environment

If enabled, the transaction requests will be sent to a specific e-SiTef testing service, therefore, there will be no real charging for the orders and payments done.

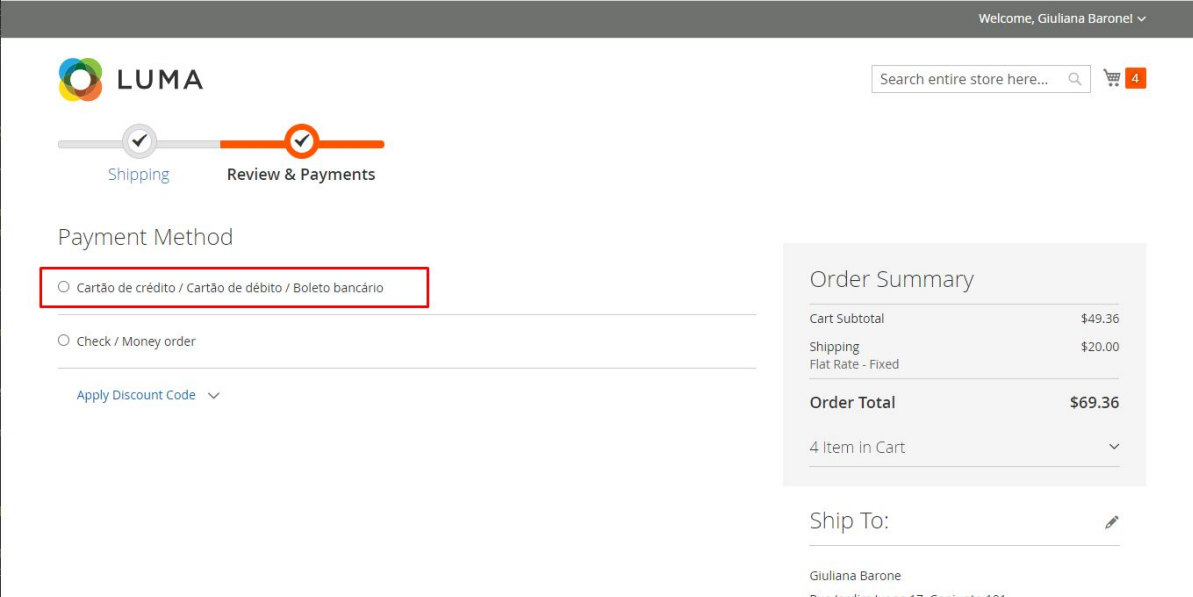
### 4.1.1.2. Merchant ID and merchant key

These registers are used as e-SiTef's transaction authentication. They will be provided by Software Express once you contract the service.

### 4.1.1.3. Enabled payment methods

You will have to select which payment methods you agreed to when contracting e-SiTef's service. This configuration does not change the payment methods contracted. It only changes the payment method's name that your client will see.

There is an example in the image below of how your client will see the payment method when the options "Cartão de crédito", "Cartão de débito" and "Boleto bancário" are selected.



The screenshot shows the LUMA checkout interface. At the top, there is a navigation bar with the LUMA logo, a search bar, and a shopping cart icon with a '4' indicating items. Below the navigation, a progress bar shows 'Shipping' as completed and 'Review & Payments' as the current step. The main content area is titled 'Payment Method' and features two radio button options: 'Cartão de crédito / Cartão de débito / Boleto bancário' (highlighted with a red box) and 'Check / Money order'. Below these options is a link for 'Apply Discount Code'. On the right side, there is an 'Order Summary' box containing a table with the following data:

Order Summary	
Cart Subtotal	\$49.36
Shipping Flat Rate - Fixed	\$20.00
<b>Order Total</b>	<b>\$69.36</b>
4 Item in Cart	

Below the order summary, there is a 'Ship To:' section with a pencil icon for editing. The shipping address is listed as: Giuliana Barone, Rua Iardim Ivone 17, Coniunto 101.

## 4.1.2. Payment options

### 4.1.2.1. Enabling payment with postponed confirmation

If enabled, every order will have to be confirmed by an administrator and, only then, their payments will be charged. While not confirmed or when they are canceled by an administrator, orders will stay with status “Pendente de Confirmação”. For further information, see item 5.2., that explains postponed order complete flow.

### 4.1.2.2. Order status allowed for refund

Selection of order status that will allow order refund, cancelling order payment.

## 4.2. Order status

The second configuration screen can be accessed from Stores > Configuration > Sales > Payment Methods > Other Payment Methods > e-Sitef.

The screenshot shows the Magento 2 Configuration interface. The left sidebar contains a navigation menu with categories: DASHBOARD, SALES, CATALOG, CUSTOMERS, MARKETING, CONTENT, REPORTS, STORES (highlighted), SYSTEM, and FIND PARTNERS & EXTENSIONS. The main content area is titled "Configuration" and has a "Save Config" button in the top right. The "SALES" menu item is expanded, showing a list of sub-items: Sales, Sales Emails, PDF Print-outs, Tax, Checkout, Shipping Settings, Multishipping Settings, Delivery Methods, Google API, 3D Secure, Address Cleansing, and Payment Methods (highlighted). The "Payment Methods" section is active, displaying a list of payment methods under the heading "OTHER PAYMENT METHODS: ▲". The methods listed are: Klarna, Amazon Pay, e-Sitef (highlighted), Zero Subtotal Checkout, Check / Money Order, Bank Transfer Payment, Cash On Delivery Payment, and Purchase Order. Each method has a "Configure" button next to it.

It has the following configuration fields:

### **4.2.1. Enabled**

If the payment method is enabled. That is, if it is available as an option to clients.

### **4.2.2. Title**

It changes the payment method's name as it is shown to clients. This value is configurable and is explained under item **4.1.1.3**.

### **4.2.3. New Order Status**

Represents the status applied to an order when it is made and still hasn't been paid.

### **4.2.4. Payment Completed Order Status**

Represents the status applied to an order when it's payment has been confirmed.

### **4.2.5. Payment from Applicable Countries**

Represents which are the countries accepted by this payment method.

### **4.2.6. Sort Order**

Represents in which position e-SiTef will be shown when listing payment methods in order checkout. This is a numeric field.

For example, if the field has value "2", e-SiTef will be second on the list.



## 5. Usage

### 5.1. Order

When clients select e-SiTef payment method, they will be redirected to a payment screen.

The screenshot shows the LUMA checkout interface. At the top left is the LUMA logo. A progress bar indicates the current step is 'Review & Payments', with 'Shipping' completed. A search bar and a shopping cart icon with a '1' are at the top right. The 'Payment Method' section has two options: 'Check / Money order' (unselected) and 'Cartão de crédito / Cartão de débito / Boleto bancário / Transferência bancária / Wallets e outros' (selected). A 'Place Order' button is visible. An 'Order Summary' box on the right shows: Cart Subtotal (US\$11,34), Shipping Flat Rate - Fixed (US\$5,00), and Order Total (US\$16,34). Below this is a 'Ship To:' field with a pencil icon and a list of address details: Manual do Usuário, Avenida Paulista, São Paulo, São Paulo 00000-000, Brasil, 00000000000.

The banner features the e-SiTef logo with the tagline 'Solução Inteligente'. Below the logo is a three-step process flow: 1. SELECIONE A FORMA DE PAGAMENTO (highlighted in green), 2. AUTENTICAÇÃO E AUTORIZAÇÃO, and 3. CONFIRMAÇÃO DO PEDIDO. To the right is a 'SITE 100% SEGURO' badge with a padlock icon.

#### Escolha a forma de pagamento

CARTÃO DE CRÉDITO	▼
CARTÃO DE DÉBITO	▲
TRANSFERÊNCIA / BOLETOS BANCÁRIOS	▲
WALLETS/OUTROS	▲
BOLETO BANCÁRIO	▲

#### RESUMO DA COMPRA/SERVIÇO

inspira  
Data: 26/10/2020 08:55  
Código do Pedido: 000000002

VALOR TOTAL  
**R\$16,34**

[Cancelar pagamento e voltar para a loja](#)



1. SELECIONE A FORMA DE PAGAMENTO



2. AUTENTICAÇÃO E AUTORIZAÇÃO



3. CONFIRMAÇÃO DO PEDIDO



SITE 100% SEGURO

✓ Concluído

Seu pedido foi processado com sucesso.

Por favor, aguarde a confirmação posterior de seu pedido pela loja.

[Retornar ao site da Loja](#)

#### RESUMO DA COMPRA/SERVIÇO

inspira

Data: 26/10/2020 11:32

Código do Pedido: 000000007

VALOR TOTAL

**R\$16,34**

À vista.

Mastercard

Once the payment process is finished, clients will be redirected back to the store site. If payment was correctly concluded, a screen with a success message and order details will be shown.



Search entire store here...  

Parabéns!!! 

Seu pedido foi processado com sucesso.

#### Resumo do pedido

Manual do Usuário

Data 26/10/2020 às 12:17

Código do pedido: 000000004

Cartão de crédito

Mastercard \*\*\*\* \* 1111

À vista

#### Endereço a entregar

Manual do Usuário

Avenida Paulista

São Paulo, São Paulo, 00000-000

Brazil

T: 00000000000

[Voltar a página inicial](#)

If any error happened during the payment process (i.e.: unauthorized payment), a screen with an error message will be shown.

## Erro

Ocorreu um erro ao tentar processar seu pedido.

[Search Terms](#)

[Privacy and Cookie Policy](#)

[Contact Us](#)

[Advanced Search](#)

 Enter your email address

[Subscribe](#)

If clients happen to cancel payment, a screen with a payment cancellation message will be shown.

## Pedido cancelado

Seu pedido foi cancelado com sucesso.

[Search Terms](#)

[Privacy and Cookie Policy](#)

[Advanced Search](#)

[Orders and Returns](#)

[Contact Us](#)

 Enter your email address

[Subscribe](#)

The client will also be able to see e-SiTef's payment information at the order details screen.

- My Account
  - My Orders**
  - My Downloadable Products
  - My Wish List
- 
- Address Book
  - Account Information
  - Stored Payment Methods
- 
- My Product Reviews
  - Newsletter Subscriptions

Compare Products  
You have no items to compare.

Recently Ordered

Prod1  
[Add to Cart](#) [View All](#)

My Wish List  
You have no items in your wish list.

# Order # 000000004 PROCESSING

October 26, 2020

[Reorder](#)

[Print Order](#)

Items Ordered				
Product Name	SKU	Price	Qty	Subtotal
Prod1	Prod1	\$11.34	Ordered: 1	\$11.34
Subtotal				\$11.34
Shipping & Handling				\$5.00
<b>Grand Total</b>				<b>\$16.34</b>

## Order Information

Shipping Address	Shipping Method	Billing Address	Payment Method
Manual do Usuário Avenida Paulista São Paulo, São Paulo, 00000-000 Brazil T: 00000000000	Flat Rate - Fixed	Manual do Usuário Avenida Paulista São Paulo, São Paulo, 00000-000 Brazil T: 00000000000	Cartão de crédito / Cartão de débito / Boleto bancário / Transferência bancária / Wallets e outros

**Informações de pagamento**

---

**Tipo pagamento:** Cartão de crédito  
**Cartão:** Mastercard \*\*\*\* \* 1111  
**Rede:** Redecard  
**Status:** Efetuada

Administrative users will also be able to check on e-SiTef's payment information at the order details screen under the administration area.

#000000004

← Back Cancel Send Email Hold Invoice Ship Reorder Estornar pedido Edit

**ORDER VIEW**

- Information
- Invoices
- Credit Memos
- Shipments
- Comments History
- Transactions
- Informações de pagamento**

**Informações de pagamento do pedido**

ID: 000000004

Tipo de pagamento: Cartão de crédito / Cartão de débito / Boleto bancário / Transferência bancária / Wallets e outros

eSitef NIT: 10273298af02c19339c605326cb957da459ca57f2da4cb61079fb70410623670

eSitef NSU: 201026030340630

Sitef NSU: 260041

NSU Host (autorizadora): 999260041

Status eSitef: Efetuada

Tipo pagamento eSitef: Cartão de crédito

Data do pagamento eSitef: 26/10/2020 09:17

Cartão: \*\*\*\* \* 1111

Autorizadora: Mastercard

Bandeira: 00001

Rede: Redecard

Quantidade de parcelas: 1

NIT and NSU that are shown in this screen are e-SiTef's store and order registration numbers, respectively.

The order creation and payment flow are done by e-SiTef's checkout HTML ([developer documentation](#)).

## 5.2. Postponed confirmation

This configuration allows the store to keep transaction status as “*Pendente de Confirmação*” (“Pending review”), for later confirming or cancelling. A client will normally follow the payment process and the order value will be reserved in their card limit, but they will not be charged until the store administration confirms it (or cancels it, freeing the buyer's card limit).

The order confirmation or cancellation can be done at the order details screen, under the administration area.

#000000005

← Back Send Email **Confirmar pagamento** **Cancelar pagamento**

**ORDER VIEW**

Information

Invoices

Credit Memos

Shipments

Comments History

Transactions

Informações de pagamento

**Order & Account Information**

Order # 000000005 (The order confirmation email is not sent)

Order Date Oct 26, 2020, 5:27:24 AM

**Order Status** Payment Review

Purchased From Main Website  
Main Website Store  
Default Store View

Placed from IP 172.18.0.6 (191.163.128.178)

**Account Information** [Edit Customer](#)

Customer Name [Manual do Usuário](#)

Email [manual@usuario.com](mailto:manual@usuario.com)

Customer Group General

**Address Information**

**Billing Address** [Edit](#)

Manual do Usuário  
Avenida Paulista  
São Paulo, São Paulo, 00000-000  
Brazil  
T: 000000000000

**Shipping Address** [Edit](#)

Manual do Usuário  
Avenida Paulista  
São Paulo, São Paulo, 00000-000  
Brazil  
T: 000000000000

**Payment & Shipping Method**

**Payment Information**

Cartão de crédito / Cartão de débito / Boleto bancário /  
Transferência bancária / Wallets e outros

The order was placed using USD.

**Shipping & Handling Information**

**Flat Rate - Fixed** \$5.00

When payment is confirmed, the client will be charged. If successful, the order status will be changed to the success status, configured as explained in item 4.2.4.

When payment is cancelled, the order status will be changed to cancelled.

The postponed order creation flow ([developer documentation](#)) and the order confirmation/cancelling flow ([developer documentation](#)) are both done through e-SiTef system requests.

### 5.3. Refund

Order refund can be done by a store administrator. It is only possible to refund the order's total value. That is, partial refund is not possible.

To enable this option, it is necessary to select which order status will allow refund (item 4.1.2.1.). The default configuration is for "Processing" status.

When the order status allows refund, a button for that will be shown at the order details screen.

#000000005

← Back Cancel Send Email Hold Invoice Ship Reorder **Estornar pedido** Edit

**ORDER VIEW**

- Information
- Invoices
- Credit Memos
- Shipments
- Comments History
- Transactions
- Informações de pagamento

**Order & Account Information**

Order # 000000005 (The order confirmation email is not sent)

Order Date: Oct 26, 2020, 5:27:24 AM

Order Status: Processing

Purchased From: Main Website, Main Website Store, Default Store View

Placed from IP: 172.18.0.6 (191.163.128.178)

**Account Information** [Edit Customer](#)

Customer Name: Manual do Usuário

Email: manual@usuario.com

Customer Group: General

**Address Information**

**Billing Address** [Edit](#)

Manual do Usuário  
Avenida Paulista  
São Paulo, São Paulo, 00000-000  
Brazil  
T: 000000000000

**Shipping Address** [Edit](#)

Manual do Usuário  
Avenida Paulista  
São Paulo, São Paulo, 00000-000  
Brazil  
T: 000000000000

**Payment & Shipping Method**

**Payment Information**

Cartão de crédito / Cartão de débito / Boleto bancário / Transferência bancária / Wallets e outros

The order was placed using USD.

**Shipping & Handling Information**

**Flat Rate - Fixed** \$5.00

Once refund is confirmed, the order status is changed to cancelled and the order payment will appear as refunded at SiTef's system.

The refund flow is done by a cancellation request to e-SiTef's system ([developer documentation](#)).