

# CONTO MIP: Magento QuickPay Payment Gateway Extension

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## Introduction

### Document purpose

This document provides detailed information on how to install, configure and use QuickPay payment gateway extension for Magento 2 shopping cart system.

### Concepts used and explanations

Concept	Explanation
\$Magento_HOST	Address of the server where Magento 2 application is installed (e.g. <a href="https://localhost:443">https://localhost:443</a> )

## Extension requirements

- Magento 2.3-2.4; PHP 7.1+;
- Currency must be 'EUR'. Payment method won't be available when unsupported currency is used.

## Languages supported

- Lithuanian;
- English;
- Russian.

## Extension installation and upgrade

Installation:

1. Ssh to a server where the application is installed;
2. Go to application root folder;
3. Copy content of an archive to `<you_store_root_folder>/app/code;`
4. Run command `composer require firebase/php-jwt --no-update;`
5. Run command `composer update firebase/php-jwt --no-dev;`
6. In case of OpCache PHP extension is enabled - restart PHP. Command varies depending on your php version and server configuration.
7. Run command:

```
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento setup:static-content:deploy
```

Upgrade:

1. Copy content of an archive to `<you_store_root_folder>/app/code;`

- Run command:
 

```
php bin/magento setup:upgrade
php bin/magento setup:di:compile
php bin/magento setup:static-content:deploy
```

## Configuration

- Login to Magento 2 application backoffice
- Go Stores > Configuration and chose Sales > Payment Methods tab
- Scroll down to Contomobile QuickPay section.

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Contomobile QuickPay (required if the account payment agreement is activated)

The screenshot shows the 'Configuration' page for 'Contomobile QuickPay'. The left sidebar contains navigation options like 'Delivery Methods', 'Payment Methods', '3D Secure', 'Address Cleansing', 'YOFPO', 'D2D2DIGITAL', 'SERVICES', and 'ADVANCED'. The main content area is titled 'Contomobile QuickPay' and includes several configuration fields:

- Enable:** A dropdown menu set to 'Yes'.
- Hosted payment page:** A dropdown menu set to 'Popup'.
- Contract ID:** A text input field containing a redacted value.
- Secret:** A text input field containing a redacted value.
- Title:** A dropdown menu set to 'Online banking'.
- Minimum Order Total:** A text input field.
- Sort Order:** A text input field set to '1'.
- Allowed Countries:** A dropdown menu set to 'All Allowed Countries'.
- New Order Status:** A dropdown menu set to 'Conto payment new Order'.
- Signed Order Status - Payment Initiation Success:** A dropdown menu set to 'Conto payment initiation success'.
- Payment Initiation Canceled:** A dropdown menu set to 'Conto payment initiation cancel'.
- Confirmed Order Status:** A dropdown menu set to 'Processing'.
- Failed Order Status:** A dropdown menu set to 'contomobile\_failed'.
- Expired Order Status:** A dropdown menu set to 'Conto payment expired'.

Configuration properties and explanations:

Configuration Property	Explanation	Required
Enable	If property is set 'Enabled', payment method will be active and appear in order checkout's selection of payment methods.	Yes
Service HOST URL	Alternative service url, used for testing purposes. Conto Quickpay <b>Sandbox</b> Service HOST URL - <a href="https://pis-sandbox.contomobiledev.com">https://pis-sandbox.contomobiledev.com</a>	
Hosted payment page	If property is set 'Popup' customers is kept in the store after clicking Place order button, if 'Webview' then redirected to payment gateway	
*Contract ID	Contract ID given by QuickPay provider.	Yes
*Secret	Secret used for generating/verifying signatures in tokens between QuickPay services. This value is given by QuickPay provider.	Yes
Title	Title can be change which is shown on the checkout page	No
Minimum Total	Payment method can be used if a total order checkout value is above this number. Usually set as '0.01'.	No
Sort Order	Determines the order in selectable checkout payment methods list. Lower value (>0) means higher place in the list.	No
Allowed countries	If it is set to 'ALL ALLOWED COUNTRIES' the method will be available for countries which is specified in General Country Options > Allowed Countries. Otherwise specify your own list	No

Setup order flow	Order statuses to be seen in order flow/history when client's shopping cart is checked out.	Yes* (logical values must be used to see proper order history)
Available banks		
Enable other banks		
Enable periodic payments		<a href="#">Show Table Of Contents</a>
Periodic payments remittance information		
Widget language		
Payer notification shop name		
Payer notification shop URL		
Send Payer Email On Success		
Send Payer Email On Failure		

After configuring values, press '**Save Config**' button. You should be redirected back to payment section with a message displayed: "You saved the configuration." In the payment methods list, check if '**QuickPay Payment Gateway**' column '**Status**' value is '**Enabled**'. The payment extension is ready to be used in checkouts.  
The payment extension is ready to be used in checkouts.

#### RECEIVING CALLBACKS

You should provide to Conto QuickPay the secure HTTPS endpoint where a callback will be sent: `$_Magento_HOST /contomobile_quickpay/payment/callback`  
In addition, you should also provide us the TLS certificate for this endpoint.

## Extension usage

1. Head to `$_Magento_HOST` in your browser and add any item(s) to your shopping cart.
2. Go to checkout and complete provided steps until '**Payment Method**' step. Select '**Conto QuickPay**'.

The screenshot shows the LUMA checkout interface. At the top, the LUMA logo is displayed. Below it, a progress bar indicates the current step: 'Shipping' (completed) and 'Review & Payments' (active). Underneath, the 'Payment Method' section lists three options: 'Check / Money order', 'Pay by online bank transfer' (with a Contomobile logo), and 'Card payment' (with a Contomobile logo). At the bottom of this section, there is a link that says 'Apply Discount Code' with a dropdown arrow.

3. Continue and confirm the order. You will be redirected to QuickPay Payment Window. After completing payment, you will be redirected back to shop.
4. You can follow your order flow, status in user account's '**Order History**' page.

# Order history and statuses

## Explanations for one-time payments

Order Status	Explanation
New order status	During checkout, after selecting QuickPay Payment Gateway as payment method for the order. Specify any status which is related to new state, otherwise default will be set
Signed Order Status - Payment initiation Success	When user is redirected back to e-shop during QuickPay Payment Window, in success case. Specify any status which is related to pending_payment state, otherwise default will be set
Payment initiation cancelled	When user is redirected back to e-shop during QuickPay Payment Window, in cancel case. Specify any status which is related to cancel state, otherwise default will be set
Confirmed Order Status	Magento receives callback if payment was successfully confirmed - vendor received funds. Specify any status which is related to processing state, otherwise default will be set
Failed Order Status	Magento receives callback if payment failed. Specify any status which is related to cancel state, otherwise default will be set
Expired Order Status	Magento receives callback if payment was in pending status for a period of time. Specify any status which is related to cancel state, otherwise default will be set

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## Possible order history flows for one-time payments

1. Pending Processing Signed Confirmed  
QuickPay Payment Window is initiated, user completes payment steps and is redirected to e-shop from the window. Magento receives a callback about a successful payment with provided order. A final callback informs that funds were received by vendor.
2. Pending Processing Confirmed  
QuickPay Payment Window is initiated, user completes payment steps and is redirected to e-shop from the window. A final callback informs that funds were received by vendor.
3. Pending Processing Signed  
QuickPay Payment Window is initiated, user completes payment steps and is redirected to e-shop from the window. Magento receives a callback about a successful payment with provided order.
4. Pending Processing Expired  
QuickPay Payment Window is initiated, user completes payment steps and is redirected to e-shop from the window. Magento receives a callback about a failed payment.
5. Pending Processing Cancelled  
QuickPay Payment Window is initiated, but closes it and is redirected back to e-shop. Magento receives a callback about a failed payment.
6. Pending Cancelled  
QuickPay Payment Window is initiated, user does not complete payment steps, but instead closes window in a way that it does not provide (closes browser, turns off computer, etc.). Magento receives a callback about a failed payment.
7. Pending Signed  
QuickPay Payment Window is initiated, user completes payment steps, but closes it in a way that window does not provide (closes browser, turns off computer, etc.). Magento receives a callback about a successful payment with provided order.
8. Pending Signed Confirmed  
QuickPay Payment Window is initiated, user completes payment steps, but closes it in a way that window does not provide (closes browser, turns off computer, etc.). Magento receives a callback about a successful payment with provided order. A final callback informs that funds were received by vendor.
9. Pending Confirmed  
QuickPay Payment Window is initiated, user completes payment steps, but closes it in a way that window does not provide (closes browser, turns off computer, etc.). A final callback informs that funds were received by vendor.
10. Pending Expired  
QuickPay Payment Window is initiated, user completes payment steps, but closes it in a way that window does not provide (closes browser, turns off computer, etc.). Magento receives a callback about a failed payment.

## Explanations for periodic payments

Order Status	Explanation
Active periodic status	Magento receives callback, if the status of the periodic payment agreement, as verified with the bank, is successfully signed and active/valid.
Cancelled periodic status	Magento receives callback, if the status of the periodic payment agreement, as verified with the bank, is unsigned (e.g., due to an error), cancelled, or otherwise inactive/invalid.

Unresolved periodic status	Magento receives callback, if the status of the periodic payment agreement is unknown – the signing session has expired.
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## Possible order history flows for periodic payments

Unlike in case of one-time payments the callback returned in case of periodic payment specifies the status of periodic payment **agreement** itself and **not** of particular scheduled payments made according to the periodic payment agreement.

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### Cancellation of periodic payment agreement

The periodic payment agreement can only be cancelled on the bank itself by the shop customer, i. e. Quickpay does not provide the possibility to cancel periodic payment agreement via Quickpay integration.

1. Pending Active Cancelled  
QuickPay Payment Window is initiated, user completes payment steps and is redirected to e-shop from the window. Magento receives a callback about a successful periodic payment agreement initiation with provided order. The agreement is Cancelled when a) user cancels the periodic payment agreement on the bank, or b) the end date of the periodic payment agreement is due.
2. Pending Cancelled  
QuickPay Payment Window is initiated, user does not complete payment steps, but instead closes window in a way that it does not provide (closes browser, turns off computer, etc.). Magento receives a callback about a failed payment.
3. Pending Unresolved  
QuickPay Payment Window is initiated, user completes payment steps, but closes it in a way that window does not provide (closes browser, turns off computer, etc.). Magento receives a callback about a failed payment.

## Configuration properties and explanations for card payments

Configuration properties and descriptions for card payments are configured according to the same rules as bank account payments.