

Moneris Payment Module - Magento 2

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Installation



You will require to install MageDelight Base Extension first. If it is not installed then please download it from <https://www.magedelight.com/pub/extensions/magedelight-base.zip> and unzip the package file into the root folder of your Magento 2 installation.



Before installing the extension, please make sure to **Backup your web directory and store database**

- Unzip the extension package file into the root folder of your Magento 2 installation.
- Connect to SSH console of your server:
 - Navigate to the root folder of your Magento 2 setup
 - Run command as per below sequence,

```
php -f bin/magento setup:upgrade
```

```
php -f bin/magento module:enable Magedelight_Moneris
```

```
php -f bin/magento setup:static-content:deploy
```

- Flush store cache
- log out from the backend and log in again

Backend Configuration (Admin side)

Moneris By MageDelight

Enable
[website]

Yes



Title
[store view]

Moneris By MageDelight

Store Id
[website]

.....

Api Token
[website]

.....

Test Mode
[website]

Yes



Payment Action
[website]

Authorize



**Order Token (make unique order on
moneris development environment,
remove it in production)**
[store view]

mdtokens

Debug
[website]

Yes



Credit Card Types
[website]

American Express

Visa

MasterCard

Discover

Credit Card Verification
[website]

Yes



Save Optional
[website]

No

New Order Status
[website]

Processing

Payment from Applicable Countries
[website]

All Allowed Countries

Payment from Specific Countries
[website]

Afghanistan
Åland Islands
Albania
Algeria
American Samoa
Andorra
Angola
Anguilla
Antarctica
Antigua & Barbuda

Minimum Order Total
[website]

Maximum Order Total
[website]

Sort Order
[website]

Delete Cards
[website]

Delete Cards

WARNING ! This action will delete all the records of saved cards associated to current Merchant Id

- **Enabled:** This can enable/disable the Moneris Payment method.
- **Title:** Here you can define the label for Moneris Payment method that will display in
 - Payment section of one page checkout.
 - Payment information of order, invoice, credit memo and shipment section.
- **Store ID:** Unique identifier provided by Moneris upon merchant account set up.
- **API Token:** Unique alphanumeric string assigned upon merchant account activation.
- **Test Mode:** Admin can define the mode of Moneris Payment method of web shop. Merchant can set either "Yes"/ "No" for this option depends on the environment of web shop (Production or Development).
- **Payment Action:** Admin can define the payment action that would take on successful order placed by user. Admin can choose,
 - **Authorize and Capture:** This payment action will directly capture the requested amount from the customer credit card on placing an order from frontend or backend. Invoice will be automatically created when user successfully places an order.
 - **Authorize Only:** This payment action will only authorize the requested amount on the credit card of customer on placing an order from frontend or backend.

- **Order Token (make unique order on Moneris development environment, remove it in production):** This field is used only while testing on extension Demo (will not be useful for Live Environment). This would append the text written in this field to the Order ID generated on Merchant server during the transactions and Moneris stores all the details of the orders on its own server and provide an open testing account (with id and password) to view the orders made from demo website (This is common account for all Moneris payment gateway extension providers). Hence to recognize our Order IDs we added this field which appends the text to each Order ID and it helps recognizing them in the common list of Moneris server.
 - You can see how the data looks on Moneris website here - <https://esplusqa.moneris.com/usmpg/index.php>
 - To use the above link make and order from Magedelight's demo and then open above link.
 - Go to Report -> Transactions and select the day or period you want to see the orders for
 - Check the order id with the string "maged" appended at the end of the order ID as shown below

Feb 13 2017 03:48AM	Purchase	000000024maged	\$ 63.71	roni_cost@example.com	AmEx	1	N	Approved	Refund	\$63.71
Feb 13 2017 03:24AM	Purchase	000000023maged	\$ 63.71	roni_cost@example.com	MC	7	N	Approved	Refund	\$63.71

- Order details look as shown in below image

Order History

Transaction Type : ACH Purchase

Order ID:	0020001386215WDs0215	Account Number:	***1515
Payment Type:	ACH	Routing Number:	021000021
Date/Time:	Feb 15 2017 06:11AM	Check Number:	
Sequence Number:	876545580010850270 M	Account Type:	Checking
Amount:	\$1.11	Response:	27
SEC Code:	WEB - Internet Initiated Entry	Result:	REGISTERED
Clerk:		Customer ID:	9-11

Status History

There is currently no status information regarding this transaction.

ACH Customer Information

Customer Name:	Jack Rose-ALL-Chic-T-AP
Address 1:	5305MainStreet,123
Address 2:	
City:	Orange
State:	CA
Zip Code:	12345

- **Debug:** This option defines the debugging mode of Moneris payment method. Admin can choose "Yes / No" depending on the Production / Development environment if web site. Normally this option should only enabled for development environment.
- **Credit Card Types:** This option defines the list of Credit Cards that customer can choose from card selection field on payment section of one page checkout page.
- **Credit Card Verification:** This field will allow admin to select whether Card Code Verification option should be display or not on payment section.
- **Save Optional:** The customer must have to save the credit card for future transaction processing if this field it set to "No". By selecting "Yes" for this field will allow customers to choose whether they want to save the credit card for future processing or not.
- **New Order Status:** This option defined the order status after successful processing the order.
- **Payment from Applicable Countries**
 - This option allow admin to configure Moneris Payment gateway for specific countries,
 - By selecting "All Allowed Countries" from this option will make Moneris Payment for customers from all the countries.
 - By selecting "Specific Countries" from this option will make Moneris Payment method for customers from specific countries.
- **Payment from Specific Countries:** This option will be only enabled if "Payment from Applicable Countries" option will set to "Specific Countries". This option will be multi select option so admin can choose one or more countries from this fields for which this payment method will be display on payment section.
- **Minimum Order Total:** This option defines the minimum order total for which this payment method display on payment section of one-page checkout on frontend.
- **Maximum Order Total:** This option defines the maximum order total for which this payment method will display on payment section of one-page checkout page of frontend.
- **Sort Order:** This option defined the sort order of payment method on the payment step on checkout one page of frontend.



All saved credit cards details are associated with merchant details. Hence, if merchant edits the details it is required to delete the saved cards because for the authorization merchant details should be matched with saved credit cards.

Backend Functionality

Manage Saved cards for particular customer

Card: XXXXXX-1881

Veronica Costello

Calder, Michigan, 49628-7978

T: (555) 229-3326

Card: XXXXXX-0000

Veronica Costello

Calder, Michigan, 49628-7978

T: (555) 229-3326

Add New Card

* First Name

* Last Name

Company

* Street Address

* City

* State/Province

Please select a region, state or province.

* Zip/Postal Code

* Country

United States

* Telephone

* Credit Card Type

--Please Select--

* Credit Card Number

* Credit Card Type

01 - January2016

* Card Verification Number

Save

Cancel

Admin can manage customer cards from customer management section of backend interface. In customer edit section admin can go to the **"Moneris (Saved Cards)"** tab. Here, admin can view all stored cards for each customer, also can add new card as well as edit or delete particular card.

Show transaction details in order

#000000024

ORDER VIEW

Information

Invoices

Credit Memos

Shipments

Comments History

Transactions

Order & Account Information

Order # 000000024 (The order confirmation email was sent)

Order Date

Feb 13, 2017, 3:48:31 AM

Order Status

Processing

Purchased From

Main Website
Main Website Store
Default Store View

Placed from IP

172.17.42.1

Account Information

Customer Name

Veronica Costello

Email

roni_cost@example.com

Customer Group

General

Payment & Shipping Method

Payment Information

Moneris By MageDelight

Credit Card Type: American Express

Credit Card Number: xxxx-5005

Processed Amount: \$63.71

Transaction Id: 989283-0_25

Merchant Reference Code:640000030010400520

The order was placed using USD.

Shipping & Handling Information

Best Way - Table Rate \$15.00

Admin can also view the payment details with the credit card details used by customer during order placed from website. Admin can see the payment information for specific order like "Credit Card Type", Credit card number with masked format, total processed amount on the card, Moneris gateway generated transaction id, Merchant Reference code and the currency format in which order was placed.

Admin can place order with stored card on behalf of customer

Create New Order for Veronica Costello in Default Store View

Cancel

Submit Order

Order Currency:

US Dollar

Customer's Activities

Shopping Cart (1)

Item	Qty	Price	
Mona Pullover Hoodie		\$57.00	<input type="checkbox"/>

Clear Shopping Cart

Wish List (0)

No items

Update Changes

Items Ordered

Add Product

Product	Price	Qty	Subtotal	Discount	Row Subtotal	Action
Erika Running Short-32-Red SKU: WSH12-32-Red	\$45.00	<input type="text" value="1"/>	\$45.00	\$0.00	\$45.00	Please select
		<input type="checkbox"/> Custom Price*		<input checked="" type="checkbox"/> Apply		
Total 1 product(s)		Subtotal:	\$45.00	\$0.00	\$45.00	

Payment & Shipping Information

Payment Method

☒ Moneris By MageDelight

Select From Saved Card

--Please Select--

★ Card Verification Number

Shipping Method

[Get shipping methods and rates](#)

Moneris payment gateway extension would allow admin to place order on behalf of customer using saved order. It simply means the admin would not need to contact customer for payment information.

Frontend Functionality

My Account > Moneris (My Saved Cards)

Account Dashboard

Account Information

Address Book

My Downloadable Products

My Orders

Newsletter Subscriptions

Stored Payment Methods

Billing Agreements

My Product Reviews

Moneris(My Saved Card)

My Wish List

My Saved Credit Cards

ADD NEW CARD

Card #	Card Info	Action
XXXX-1111	Veronica Costello Calder, 49628-7978 United States T: (555) 229-3326	<div>EDIT</div> <div>DELETE</div>

A logged in customer can able to store and manage cards with Moneris for future uses. To save and manage cards, customer needs to login to website, Where the customer will get list of all saved card if any. Customer can able to save multiple saved cards to use with next order checkout. Customer can edit each cards information if required, they can also have option to delete particular card.

- Account Dashboard
- Account Information
- Address Book
- My Downloadable Products
- My Orders
- Newsletter Subscriptions
- Stored Payment Methods
- Billing Agreements
- My Product Reviews
- Moneris(My Saved Card)**
- My Wish List

Compare Products

You have no items to compare.

My Wish List

You have no items in your wish list.

Add New Card

Contact Information

First Name *

Last Name *

Company

Street Address *

City *

State/Province *

Zip/Postal Code *

Country *

Telephone *

Card Information

Credit Card Type *

Credit Card Number *

Expiration Date *

Card Verification Number *

[« Back](#)

SAVE CARD

Customer will also have button to add new card, which will head to add new card form, which needs to be filled with customer billing address and card details.

Payment Method:

☒ Moneris By MageDelight

☒ My billing and shipping address are the same
 Veronica Costello
 6146 Honey Bluff Parkway
 Calder, Michigan 49628-7978
 (555) 229-3326
 Select From Saved Card

XXXX-1111, Veronica Costello ▾


Card Verification Number *
 ?

PLACE ORDER

Order Summary

Cart Subtotal	\$57.00
Shipping Flat Rate - Fixed	\$0.00
Tax	\$4.70
Order Total	\$57.00

1 Item in Cart ▴



Mona Pullover Hoodie
 Qty: 1
[View Details ▾](#)





If customer have already saved card with Moneris payment, they can use to pay for order at the time of checkout. For checkout on payment step there would be a list of stored card from where customer can select the one from list and pay for order to selected saved card.

Payment Method:

☒ Moneris By MageDelight

☒ My billing and shipping address are the same
 Veronica Costello
 6146 Honey Bluff Parkway
 Calder, Michigan 49628-7978
 (555) 229-3326
 Select From Saved Card

Use other card ▾

Credit Card Number *

Expiration Date *

Month ▾

Year ▾

Card Verification Number *
 ?


☒ Note: Save this credit card for future use.

PLACE ORDER

Order Summary

Cart Subtotal	\$57.00
Shipping Flat Rate - Fixed	\$0.00
Tax	\$4.70
Order Total	\$57.00

1 Item in Cart ▴



Mona Pullover Hoodie
 Qty: 1
[View Details ▾](#)

Ship To:

Veronica Costello
 6146 Honey Bluff Parkway
 Calder, Michigan 49628-7978
 (555) 229-3326

Shipping Method:

There is also an option to use other card if customer don't want to use from saved card or if customer don't have any stored card. If card save option is set optional, customer will have to choose whether to save card or not.

Demo

[Click here](#) to visit frontend.

[Click here](#) to visit backend admin panel.

FAQs

[Click here](#) to visit FAQs.

Support

[Click here](#) to raise a support ticket using your MageDelight account.

Additional Services

[Click here](#) to get the customized solution for this extension.

Thank you for choosing [MageDelight](#)!
