

First Data Payment Module - Magento 2

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Installation

i To use this extension, you will require to install MageDelight Base Extension first. If it is not installed then please download it from <https://www.magedelight.com/extensions/magedelight-base-extension.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**

i 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.

i Root Directory is - "**app/code/magedelight/#YourExtensionName#**"

- 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 bin/magento setup:upgrade
```

```
php bin/magento setup:di:compile
```

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

```
php bin/magento cache:clean
```

- log out from the backend and log in again



If you are using Magento 2.3 or later then you do not need to activate license. Extension will be activated with silent activation mechanism and does not require activation keys to be entered manually.

Backend Configuration (Admin side)

⏪ Firstdata By MageDelight

Enable
[website]

Yes



Title
[store view]

Firstdata by Magedelight

Gateway ID
[website]

.....

Gateway Password
[website]

.....

Key Id
[website]

.....

HMAC Key
[website]

.....

Test Mode
[website]

Yes



Payment Action
[website]

Authorize



Gateway Url
[store view]

https://api.globalgatewaye4.firstdata.com/tran

Test Gateway Url
[store view]

https://api.demo.globalgatewaye4.firstdata.cor

Debug
[website]

Yes



Credit Card Types
[website]

American Express

Visa

MasterCard

Discover

JCB

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]

1

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 First Data Payment method.
- **Title:** Here you can define the label for First Data Payment method that will display in Payment section of one page checkout.

- Payment information of order, invoice, credit memo and shipment section.
- **Gateway ID:** This ID identifies the merchant within the First Data as well as is also used to log in to the First Data Business Center.
- **Gateway Password:** Merchant can define gateway password that is associated with current First Data merchant account.
- **Key ID:** Admin can get the key ID for First Data transaction key ID from merchant account.
- **HMAC Key:** Configure merchant key ID here.
- **Test Mode:** Admin can define the mode of First Data 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 automatically create when user successfully place 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.
- **Gateway URL:** This option defines the Gateway URL for live mode of First Data payment method API.
<https://api.globalgatewaye4.firstdata.com/transaction/v19/wsdl>
- **Test Gateway URL:** This option defines the Gateway URL for test mode of First Data payment method API.
<https://api.demo.globalgatewaye4.firstdata.com/transaction/v19/wsdl>
- **Debug:** This option defines the debugging mode of First Data 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 First Data Payment gateway for specific countries,
 - By selecting "All Allowed Countries" from this option will make First Data Payment for customers from all the countries.
 - By selecting "Specific Countries" from this option will make First Data Payment method for customers from specific countries.
- **Payment from Specific Countries:** This option will 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.
- **Delete Cards:** Admin can edit the merchant details (though it is not a good practice to change). On edit, it is required to delete the saved credit cards manually.

Backend Functionality

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 - January 2016

* 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 **"First Data (Saved Cards)"** tab. Here admin can able to view all stored cards for each customer, also can add new card as well as edit or delete particular card.

#000000076 🔍 🔔 👤 admin

ORDER VIEW

Information
Invoices
Credit Memos
Shipments
Comments History
Transactions

Order & Account Information

Order # 000000076 (The order confirmation email was sent)

Order DateSep 19, 2016, 5:06:33 AM
Order StatusProcessing
Purchased FromMain Website
Main Website Store
Default Store View
Placed from IP172.17.42.1

Account Information

Customer NameVeronica Costello
Emailroni_cost@example.com
Customer GroupGeneral

Payment & Shipping Method

Payment Information
Firstdata by Magedelight
Credit Card Type:JCB
Credit Card Number:xxxx-0000
Processed Amount:\$53.71
Transaction Id:ET164013
Merchant Reference Code:4851519
The order was placed using USD.

Shipping & Handling Information
Flat Rate - Fixed \$5.00

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, First Data gateway generated transaction id, AVS Response, CVN Response, Merchant Reference code and the currency format in which order was placed.

Create New Order for Veronica Costello in Default Store View 🔍 🔔 👤 admin

Order Currency:
US Dollar

Customer's Activities

Shopping Cart (0)
No items
Wish List (0)
No items
Last Ordered Items (1)

Item

Overnight Duffie
Products in Comparison List (0)
No items

Items Ordered Add Products

Product	Price	Qty	Subtotal	Discount	Row Subtotal	Action
Sprite Yoga Strap 6 foot SKU: 24-WG085	\$14.00 <input type="checkbox"/> Custom Price*	1	\$14.00	\$0.00 <input checked="" type="checkbox"/> Apply	\$14.00	Please select
Sprite Yoga Strap 8 foot SKU: 24-WG086	\$17.00 <input type="checkbox"/> Custom Price*	1	\$17.00	\$0.00 <input checked="" type="checkbox"/> Apply	\$17.00	Please select
Sprite Yoga Strap 10 foot SKU: 24-WG087	\$21.00 <input type="checkbox"/> Custom Price*	1	\$21.00	\$0.00 <input checked="" type="checkbox"/> Apply	\$21.00	Please select
Total 3 product(s)			Subtotal:	\$52.00	\$0.00	\$52.00

* - Enter custom price including tax

Payment & Shipping Information

Payment Method

☐ Bank Transfer Payment
☒ Firstdata by Magedelight

Select From Saved Card

XXXX-1881, Veronica Costello

* Card Verification Number

Shipping Method
Flat Rate
Fixed - \$0.00
[Click to change shipping method](#)

First Data payment gateway extension by magedelight 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

Account Dashboard
Account Information
Address Book
My Orders
My Downloadable Products
Newsletter Subscriptions
My Credit Cards
Billing Agreements
My Product Reviews
Firstdata(My Saved Card)
My Wish List

My Saved Credit Cards

Add New Card

Card #	Card Info	Action
XXXX-1881	Veronica Costello Calder, 49628-7978 United States T: (555) 229-3326	<div>Edit</div> <div>Delete</div>

My Account > First Data (My Saved Cards)

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 able to edit each cards information if required, they can also have option to delete particular card.

Account Dashboard
Account Information
Address Book
My Orders
My Downloadable Products
Newsletter Subscriptions
My Credit Cards
Billing Agreements
My Product Reviews
Firstdata(My Saved Card)
My Wish List

Add New Card

Contact Information

First Name *

Last Name *

Company

Street Address *

City *

State/Province *

Please select region, state or province

Zip/Postal Code *

Country *

United States

Telephone *

Compare Products

You have no items to compare.

My Wish List

You have no items in your wish list.

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

✓

Shipping

✓

Review & Payments

Payment

☐ Bank Transfer Payment

☒ Firstdata 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-1881, Veronica Costello

Card Verification Number

Place Order

Order Summary

Cart Subtotal	\$45.00
Shipping Flat Rate - Fixed	\$5.00
Tax	\$3.71
Order Total	\$53.71

1 Item in Cart

Overnight Duffle
 Qty: 1

Ship To:

Veronica Costello
 6146 Honey Bluff Parkway

If customer have already saved card with First Data 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.

✓

Shipping

✓

Review & Payments

Payment

☐ Bank Transfer Payment

☒ Firstdata 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

3530111333300000

Expiration Date

08 - August

2019

Card Verification Number

211

☒ Note: Save this credit card for future use.

Place Order

Order Summary

Cart Subtotal	\$45.00
Shipping Flat Rate - Fixed	\$5.00
Tax	\$3.71
Order Total	\$53.71

1 Item in Cart

Overnight Duffle
 Qty: 1

Ship To:

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

Shipping Method:

Flat Rate - Fixed

There is also an option to user other card if customer don't want to user form saved card or if customer don't have any sore card. If card save option is set optional, customer will have choose 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!](#)
