

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]

Save Optional
[website]

New Order Status
[website]

Payment from Applicable Countries
[website]

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]

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/wsd>
- **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/wsd>
- **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

<p>Card: XXXXXX-1881 Veronica Costello Calder, Michigan, 49628-7978 T: (555) 229-3326</p>	<p>* First Name <input type="text"/></p> <p>* Last Name <input type="text"/></p> <p>Company <input type="text"/></p> <p>* Street Address <input type="text"/></p> <p>* City <input type="text"/></p> <p>* State/Province Please select a region, state or province. <input type="text"/></p> <p>* Zip/Postal Code <input type="text"/></p> <p>* Country United States <input type="text"/></p> <p>* Telephone <input type="text"/></p> <p>* Credit Card Type --Please Select-- <input type="text"/></p> <p>* Credit Card Number <input type="text"/></p> <p>* Credit Card Type 01 - January <input type="text"/> 2016 <input type="text"/></p> <p>* Card Verification Number <input type="text"/></p> <p><input type="button" value="Save"/> <input type="button" value="Cancel"/></p>
---	--

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 Date: Sep 19, 2016, 5:06:33 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 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 Duffel

Products in Comparison List (0)
No items

[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*	<input type="text" value="1"/>	\$14.00	\$0.00 <input checked="" type="checkbox"/> Apply	\$14.00	<input type="text" value="Please select"/>
Sprite Yoga Strap 8 foot SKU: 24-WG086	\$17.00 <input type="checkbox"/> Custom Price*	<input type="text" value="1"/>	\$17.00	\$0.00 <input checked="" type="checkbox"/> Apply	\$17.00	<input type="text" value="Please select"/>
Sprite Yoga Strap 10 foot SKU: 24-WG087	\$21.00 <input type="checkbox"/> Custom Price*	<input type="text" value="1"/>	\$21.00	\$0.00 <input checked="" type="checkbox"/> Apply	\$21.00	<input type="text" value="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	Edit Delete

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 *

Customer will also have button to add new card, which will head to add new card form, which needs to filled 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 *

?

Order Summary

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

1 Item in Cart ▾


Overnight Duffie
Qty: 1
\$45.00

Ship To: ✎

Veronica Costello
6146 Honey Bluff Parkway

[Place Order](#)

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 *

Expiration Date *

Card Verification Number *

?

Note: Save this credit card for future use.

Order Summary

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

1 Item in Cart ▾


Overnight Duffie
Qty: 1
\$45.00

Ship To: ✎

Veronica Costello
6146 Honey Bluff Parkway
Calder, Michigan 49628-7978

(555) 229-3326

Shipping Method: ✎

Flat Rate - Fixed

[Place Order](#)

There is also an option to use other card if customer don't want to use 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!](#)
