



Payeezy First Data Level II & III in RPM(Real-Time Payment Manager) Extension

User Guide

Version 1.0

eGrove Systems Corporation

Phone: 603 791 4890 | Website: www.egrovesys.com | Email: support@modulebazaar.com

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User Guide Version Log

Version No	Reason For Change	Date
1.0	Initial Version	Mar 04, 2019

Description

The Payeezy First Data Level II and Level III in Real Time Payment Manager (RPM) Extension can be integrated with the Magento 2 core credit card system by setting the default gateway to First data Global GGe4 payment gateway. The module collects the credit card details, validates and passes the data to First Data in a secured way. This extension allows the Merchants to use the powerful Transaction Search engine to retrieve transactions that contain Level 2 or Level 3 data.

With a Level II & III data pass through solution, Merchant can have invoice-level transaction details.

Level 2 Allowable Transactions

Card Types Supported:

- ✓ Visa
- ✓ MasterCard
- ✓ American Express

Transaction Types Supported:

- ✓ Purchase
- ✓ Completion
- ✓ Refund
- ✓ Tagged Purchase
- ✓ Tagged Refund
- ✓ Tagged Completion
- ✓ Force Post

Level 3 Allowable Transactions

Card Types Supported:

- ✓ Visa
- ✓ MasterCard

Transaction Types Supported:

- ✓ Purchase
- ✓ Completion
- ✓ Refund
- ✓ Tagged Purchase
- ✓ Tagged Refund
- ✓ Tagged Completion
- ✓ Force Post

Features

Below listed are the features of Payeezy First Data,

- ✓ The module relies on a Magento 2 core credit module to collect and encrypt credit card information.
- ✓ This Extension enables merchant to accept payment through First Data Global Gateway e4.
- ✓ Merchant can 'Authorize Only' or 'Authorize and Capture' the payment.
- ✓ Later can capture the amount from the First Data account.
- ✓ The module does not store card information anywhere to pass PCI Compliance issues.
- ✓ The merchant can capture the Authorized Payments from the First Data Account - Control Panel.
- ✓ Supports Authorize Only, Authorize & Capture (Sale), Void and Refund.
- ✓ Merchant administrators have the ability to set up filters for the Address Verification Service(AVS) when logged into RPM(Realtime payment manager).
- ✓ Supports Level II and Level III for Visa and MasterCard.
- ✓ Supports Level II data for American Express.

Compatibility & Requirements

- The module is compatible with Magento Community Edition Version 2.0 and above.

Installation and Configuration

- Download the package and unzip Modulebazaar_FirstdataAvs.zip file and you can find Modulebazaar_FirstdataAvs.zip and User Manual.pdf
- Open Terminal and navigate to root folder
- Extract this Modulebazaar_FirstdataAvs.zip module.
- After extract of files and folders Clear Cache.
- Run Setup upgrade from root (php bin/magento setup:upgrade)
- After Successful upgrade process, clear cache,page_cache,view_preprocessed
- Give Full permission to magento root folder and var/genration module.
- After successful of installation, Check app/etc/config.php forModulebazaar_FirstdataAvs.

- To enable payment method, Stores→Configuration→Sales → Payment Methods→Firstdata (GGE4)
- Ion Cube loader is mandatory for this module. The server should have the ionCube loader installed. If it is not available or not installed, you can request your hosting provider to install this version of ion cube loader available at http://www.ioncube.com/loader_installation.php

Admin End

Go to Admin Panel >> Stores >> Configuration >> Sales >> Payment Methods >> Firstdata (GGE4)

FirstData (GGe4)

The domain is authorized to use module

Enabled
[website]

Yes

Title
[store view]

Credit card payment

Transaction Mode
[website]

Test Mode

If you choose Live mode Must enter Original Details

Firstdata (Username)
[website]

Gateway Id
[website]

Gateway Password
[website]

Api Version
[website]

v11

Transaction Mode
[website]

Authorize and Capture

Credit Card Types
[website]

American Express

Visa

MasterCard

Discover

JCB

Diners

Switch/Maestro

Solo

Maestro International

Maestro Domestic

New Order Status
[website]

Pending Payment

Credit Card Verification
[website]

Yes

Figure 1.1: Extension Back End Configuration

Front End

- Checkout page payment methods

Payment Method

☒ Pay with Credit / Debit Card

☒ My billing and shipping address are the same

jane watson
washington road
Parlin, New Jersey 08859
United States
1234569870

Credit Card Number *

4111111111111111

Expiration Date *

07 - July 2022

[Place Order](#)

Order Summary

Cart Subtotal	\$45.00
Shipping Flat Rate - Fixed	\$5.00
Order Total	\$50.00

1 Item in Cart

	Push It Messenger Bag	\$45.00
	Qty: 1	

Ship To:

jane watson
washington road

- Order confirmation page:

 **LUMA**

[What's New](#) [Women](#) [Men](#) [Gear](#) [Training](#) [Sale](#)

Thank you for your purchase!

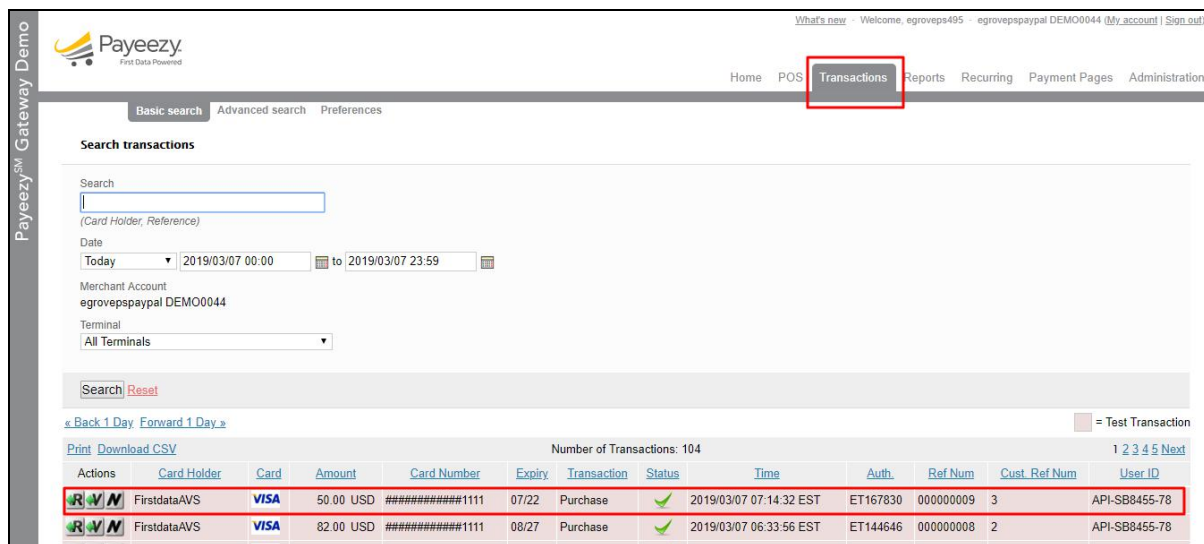
Your order number is: **000000009**.

We'll email you an order confirmation with details and tracking info.

[Continue Shopping](#)

First Data Transaction and Configurations:

Firstdata Transactions page:



Payeezy First Data Powered

Home POS **Transactions** Reports Recurring Payment Pages Administration

Basic search Advanced search Preferences

Search transactions

Search (Card Holder, Reference)

Date Today 2019/03/07 00:00 to 2019/03/07 23:59

Merchant Account egrovepaypal DEMO0044

Terminal All Terminals

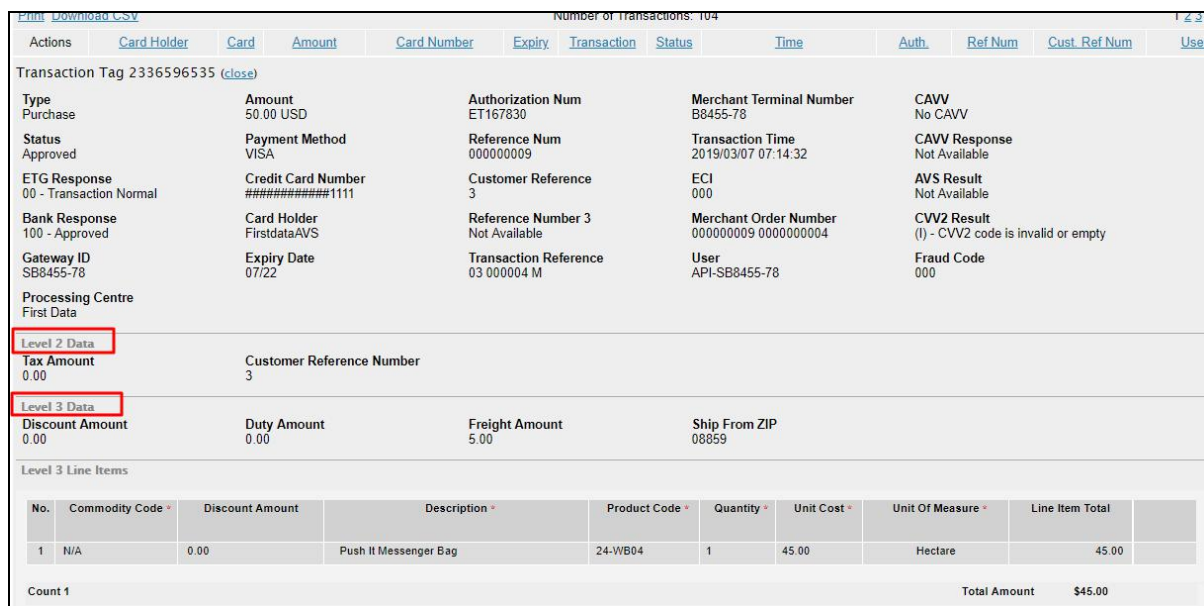
Search Reset

Back 1 Day Forward 1 Day

Number of Transactions: 104

Actions	Card Holder	Card	Amount	Card Number	Expiry	Transaction	Status	Time	Auth.	Ref Num	Cust. Ref Num	User ID
	FirstdataAVS	VISA	50.00 USD	#####1111	07/22	Purchase	✓	2019/03/07 07:14:32 EST	ET167830	000000009	3	API-SB8455-78
	FirstdataAVS	VISA	82.00 USD	#####1111	08/27	Purchase	✓	2019/03/07 06:33:56 EST	ET144646	000000008	2	API-SB8455-78

Level II and Level III Data :



Print Download CSV

Number of Transactions: 104

Actions	Card Holder	Card	Amount	Card Number	Expiry	Transaction	Status	Time	Auth.	Ref Num	Cust. Ref Num	User
Transaction Tag 2336596535 (close)												
Type	Purchase	Amount	50.00 USD	Authorization Num	ET167830	Merchant Terminal Number	CAVV					
Status	Approved	Payment Method	VISA	Reference Num	000000009	Transaction Time	CAVV Response					
ETG Response	00 - Transaction Normal	Credit Card Number	#####1111	Customer Reference	3	ECI	AVS Result					
Bank Response	100 - Approved	Card Holder	FirstdataAVS	Reference Number 3	Not Available	Merchant Order Number	CVV2 Result					
Gateway ID	SB8455-78	Expiry Date	07/22	Transaction Reference	03 000004 M	User	Fraud Code					
Processing Centre	First Data											
Level 2 Data												
Tax Amount	0.00	Customer Reference Number	3									
Level 3 Data												
Discount Amount	0.00	Duty Amount	0.00	Freight Amount	5.00	Ship From ZIP	08859					
Level 3 Line Items												
No.	Commodity Code	Discount Amount	Description	Product Code	Quantity	Unit Cost	Unit Of Measure	Line Item Total				
1	N/A	0.00	Push It Messenger Bag	24-WB04	1	45.00	Hectare	45.00				
Count 1								Total Amount	\$45.00			

Firstdata Configuration:

Login to Firstdata Merchant account and go to Terminals >> Click on Terminal >> Under Details tab you can find gateway ID and Gateway Password

Payeezy First Data Powered Global Gateway e4SM is now called Payeezy Gateway SM

Username Welcome, mb770 mb test DEMO0825 (My account | Sign out)

Home POS Transactions Reports Recurring Payment Pages Administration

Users **Terminals** Fraud Filters Address

Terminal Selection (Terminal Types)

Search Reset

Merchant	Terminal	Status	Status Changed	Currency	Virtual Terminal	Gateway
mb test DEMO0825		Active				
	mb test DEMO0825 TERM RETAIL	Demo	-	USD	01	AH7051-01
	mb test DEMO0825 TERM MOTO	Demo	-	USD	02	AH7051-03

Terminal: mb test DEMO0825 TERM ECOMM

Details Restrictions AVS Filters CVV2 Filters Velocity Controls PayPal 3-D Secure API Access

Account
mb test DEMO0825

Description
mb test DEMO0825 TERM ECOMM

Currency
USD

Payment Types


Terminal Code
03

Gateway ID
AH7051-05 ← Gateway id

Division ID
2024423632

MID
5476317692

Transarmor Token

Time Zone
Eastern Daylight Saving Time / EDT - 705

Cut-Off Time
After Midnight on the Reporting Day

00 : 00 (24 Hour Clock) (Generate and save here)

Password
***** Generate ← Gateway Password

Password should contain only letters, numbers (-), underscores (_), and must contain at least one letter and one number.

Status
Demo

Type
E-Commerce Transaction

Language
English

☐ Allow Soft Descriptors.

☒ Do not support Level 2 or Level 3 Data

☐ Support Level 2 Data only

☐ Support Level 2 Data and Level 3 Data

Update Cancel

Level II and Level III:

Type

E-Commerce Transaction ▼

Language

English

☐ Special Payments Enabled

☐ Allow Soft Descriptors.

☐ Do not support Level 2 or Level 3 Data

☐ Support Level 2 Data only

☒ Support Level 2 Data and Level 3 Data

Update

Cancel

Support

If you have any queries on module functionality or any other issues, please drop in an email with your website details (FTP and Admin Backend details) to support@modulebazaar.com.