

# Merchant Integration Guide CSV File Upload – v1.03



## Table of Contents

| 1.  | Introduction   | 4  |
|-----|--|----|
| 2.  | System and Skill Requirements  | 4  |
| 3.  | What is the Process I will need to follow?                           | 4  |
| 4.  | Transaction Types and Transaction Flow                               | 5  |
| 5.  | What Information Do I Need to Include in a Transaction Request       | 8  |
| 6.  | Example Transaction  | 9  |
| 7.  | Recurring Transaction  |    |
| 8.  | How do I send a Transaction?   | 11 |
| 9.  | What Information will I get as a Response to My Transaction Request? | 12 |
| 10. | Filename Conventions   | 12 |
| 11. | How Do I Test My Solution?   | 13 |
| 12. | How Do I Activate My Store?  | 14 |
| 13. | How Do I Get Help?   | 14 |
| 14. | Appendix A. Definitions of Required Fields                           |    |
| 15. | Appendix B. Definitions of Response Fields                           |    |

# \*\*\*\* PLEASE READ CAREFULLY\*\*\*\*

You have a responsibility to protect cardholder and merchant related confidential account information. Under no circumstances should ANY confidential information be sent via email while attempting to diagnose integration or production issues. When sending sample files or code for analysis by Moneris staff, all references to valid card numbers, merchant accounts and transaction tokens should be removed and or obscured. Under no circumstances should live cardholder accounts be used in the test environment.

Page 3 of 16

#### 1. Introduction

By definition, a batch file may be used to forward large groups of transactions for processing. Merchants may forward multiple transaction types, for multiple card plans in a single batch for processing, provided that the merchant is registered for the card plans included in the file.

The CSV Batch File option refers to the ability to upload batch files where the fields are presented in a comma delimited format.

There are a number of pieces of information that must be included in the batch file in a specific order. The following outlines the fields and the order in which they are expected for each transaction type. The last section of this document describes the information that will be provided back to you in the response file of processed batch files.

## 2. System and Skill Requirements

Before you start you will need to:

- 1. Have SFTP client software which must use SSH2
- 2. Create the Batch File which must have the ".csv" extension

#### 3. What is the Process I will need to follow?

You will need to follow these steps.

- 1. Do the required development as outlined in this document
- 2. Test your solution in the test environment

Sending your batch file:

- Establish an SFTP session with Moneris' SFTP server host using your SFTP client software
   Log in using your Batch account username and password (please refer to NOTE)
- 3. Upload the Batch File
- 4. Wait approximately 2 seconds per transaction + 30 minutes or longer for processing
- 5. Retrieve your response file from the /out directory

To receive your Production SFTP Username and Password, please have your main contact person e-mail the eSELECTplus Integration Support department.



E-mail: eselectplus@moneris.com

When e-mailing, please provide your merchant name, store ID, as well as your business address, phone and fax number. Your SFTP account information will be sent via fax to the number provided.

## 4. Transaction Types and Transaction Flow

eSELECTplus supports a wide variety of transactions through Batch File Upload. Below is a list of transactions supported, other terms used for the transaction type are indicated in brackets.

#### **Basic Transactions**

Purchase – (sale) The Purchase transaction verifies funds on the customer's card, removes the funds and readies them for deposit into the merchant's account.

PreAuth – (authorisation / preauthorisation) The PreAuth verifies and locks funds on the customer's credit card. The funds are locked for a specified amount of time, based on the card issuer. To retrieve the funds from a PreAuth so that they may be settled in the merchant's account a Capture must be performed.

Capture – (Completion / PreAuth Completion) Once a PreAuth is obtained the funds that are locked need to be retrieved from the customer's credit card. The Capture retrieves the locked funds and readies them for settlement into the merchant's account.

Void – (Correction / Purchase Correction) Purchases and Captures can be voided the same day\* that they occur. A Void must be for the full amount of the transaction and will remove any record of it from the cardholder's statement.

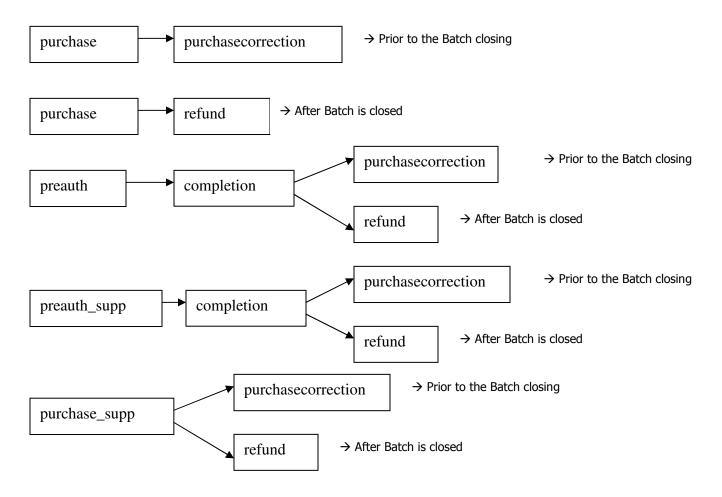
Refund – (Credit) A Refund can be performed against a Purchase or a Capture to refund any part, or all of the transaction.

Independent Refund – (Credit) An Independent Refund can be performed to credit money to a Credit Card. This transaction does not require a prior Purchase or Capture.

\* A Void can be performed against a transaction as long as the batch that contains the original transaction remains open.

Page 5 of 16

## **Process Flow for Basic Transactions**



Transactions with no Follow-on Required

ind\_refund

#### **Mag Swipe Transactions**

Mag Swipe Purchase – (sale) The Mag Swipe Purchase transaction requires a credit card to be swiped to collect the track2 data. It then verifies funds on the customer's card, removes the funds and readies them for deposit into the merchant's account.

Mag Swipe PreAuth – (authorisation / preauthorisation) The Mag Swipe PreAuth requires a credit card to be swiped to collect the track2 data. It then verifies and locks funds on the customer's credit card. The funds are locked for a specified amount of time, based on the card issuer. To retrieve the funds from a Mag Swipe PreAuth so that they may be settled in the merchant's account a Mag Swipe Capture must be performed.

Mag Swipe Capture – (Completion / PreAuth Completion) Once a Mag Swipe PreAuth is obtained the funds that are locked need to be retrieved from the customer's credit card. The Mag Swipe Capture retrieves the locked funds and readies them for settlement into the merchant's account.

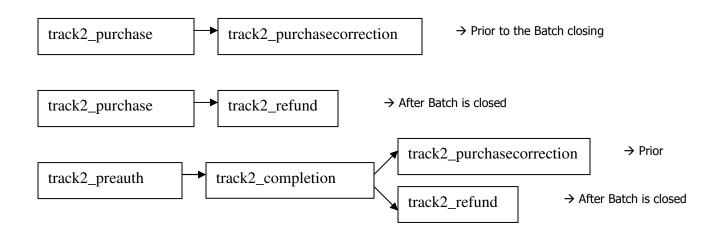
Mag Swipe Void – (Correction / Purchase Correction) Mag Swipe Purchases and Mag Swipe Captures can be voided the same day\* that they occur. A Mag Swipe Void must be for the full amount of the transaction and will remove any record of it from the cardholder's statement.

Mag Swipe Refund – (Credit) A Mag Swipe Refund can be performed against a Mag Swipe Purchase or a Mag Swipe Capture to refund any part, or all of the transaction.

Mag Swipe Independent Refund – (Credit) A Mag Swipe Independent Refund requires a credit card to be swiped to collect the track2 data. It can be performed to credit money to this particular credit card. This transaction does not require a prior Mag Swipe Purchase or Mag Swipe Capture.

\* A Void can be performed against a transaction as long as the batch that contains the original transaction remains open.

### **Process Flow for Mag Swipe Credit Card Transactions**



Transactions with no Follow-on Required

track2\_ind\_refund

## 5. What Information Do I Need to Include in a Transaction Request

A transaction request contains various fields depending on the type of transaction that is being performed. The following table illustrates the fields that you can send for each transaction type, both basic transactions and Mag Swipe transactions. Mag Swipe transactions allow the merchant to submit track2 details that have been collected by swiping a credit card through a card reader. These transactions support the submission of 'track2', as well as a manual entry of the credit card number and expiry date using the 'pan' and 'expdate' variables. If all three fields are submitted, the track2 details will be used to process the transaction. For a full description of each field please refer to Appendix A. Please note that the fields must be in the correct order.

| Required Fields                  |  |  |  |
|----------------------------------|--|--|--|
| Transaction Type                 | Fields   |  |  |
| Basic Transaction Types          |  |  |  |
| Purchase                         | <pre>purchase (trans_type), order_id, amount, pan, exp_date, crypt_type, [recur - optional]</pre>                          |  |  |
| Purchase<br>(with cust_id)       | <pre>purchase_supp, order_id, amount, pan, exp_date, crypt_type, cust_id</pre>   |  |  |
| Pre-authorization                | preauth, order_id, amount, pan, exp_date, crypt_type   |  |  |
| Pre-authorization (with cust_id) | <pre>preauth_supp, order_id, amount, pan, exp_date, crypt_type, cust_id</pre>  |  |  |
| Capture                          | completion, order_id (from preauth), amount, txn_number (from preauth), crypt_type   |  |  |
| Void                             | <pre>purchasecorrection, order_id (from orig txn), txn_number (from completion or purchase), crypt_type</pre>              |  |  |
| Refund                           | refund, order_id(from orig txn), amount, txn_number(from completion/purchase),crypt_type                                   |  |  |
| Independent Refund               | ind_refund, order_id, amount, pan, exp_date, crypt_type  |  |  |
|                                  | Mag Swipe Transaction Types  |  |  |
| Mag Swipe Purchase               | track2_purchase, order_id, cust_id, amount, track2, pan, exp_date, pos_code  |  |  |
| Mag Swipe<br>Pre-authorization   | track2_preauth, order_id, cust_id, amount, track2, pan, exp_date, pos_code   |  |  |
| Mag Swipe Capture                | <pre>track2_completion, order_id (from track2_preauth), amount, txn_number (from track2_preauth)</pre>                     |  |  |
| Mag Swipe Void                   | <pre>track2_purchasecorrection, order_id (from orig txn), txn_number (from track2_purchase<br/>or track2_completion)</pre> |  |  |
| Mag Swipe Refund                 | <pre>track2_refund, order_id (from original txn), amount, txn_number (from track2_purchase<br/>or track2_completion)</pre> |  |  |
| Mag Swipe<br>Independent Refund  | track2_ind_refund, order_id, cust_id, amount, track2, pan, exp_date, pos_code  |  |  |

The trans type (ex. purchase or track2 ind refund) is case sensitive and must be all in lower case.



The amount must have two decimal places and please do not include the \$ sign. Also, if it is less than NOTE 1.00 it must contain a leading 0 (ex. 0.10). Minimum amount is 0.01 and maximum is 9999999.99.

The format for exp date is **YYMM**. Please note that this is different from what appears on the credit card.

### **6.** Example Transaction

```
purchase, order_1_testing, 13.00, 4242424242424242, 0304, 1
purchase_supp, order_2_testing, 2.00, 4242424242424242, 0908, 1, customer_1
purchase, order_3_testing, 13.00, 54545454545454545454, 0403, 1
preauth, order_4_testing, 14.00, 4242424242424242, 0503, 1
track2_purchase, track2_testing_1, cust_id, 1.00,;5258984987184986=06061016091001060602?,,,00
track2_preauth, track2_testing_2, cust_id, 9.00,;5258984987184986=06061016091001060602?,,,00
track2_ind_refund, track2_testing_3, cust_id, 8.00,;5258984987184986=06061016091001060602?,,,00
```



In a mag swipe/track2 transaction, to preserve the order of the fields, you must still include a comma delimiter if you omit the 'pan' or 'exp\_date' fields. This may be seen in examples 3, 4 and 5 above where the 'pan' and 'exp\_date' have been omitted, but their positions have still been marked.

#### **Corresponding Example Response**

# 7. Recurring Transaction

You can also upload recurring transactions via the CSV file upload. When uploading a recurring transaction you will need to indicate the recurring amount, interval and start date and the number of time it is to recur. You can also optionally bill a different amount immediately.

The recurring request can only be sent as a purchase. The format of the request is as follows:

| Transaction Type         | Fields   |
|--------------------------|--|
| Purchase                 | <pre>purchase (trans_type), order_id, amount(charge now), pan, exp_date, crypt_type,</pre> |
| (with recurring billing) | recur_unit, start_now, start_date, num_recurs, period, recur_amount                        |

| Field Definitions        |                     |  |
|--------------------------|---------------------|--|
| Field Name               | Size/Type           | Description  |
| purchase<br>(trans_type) |                     | All recurs must be sent with trans_type as purchase. The trans_type is case sensitive and must be all in lower case.   |
| order_id                 | 50 / alpha          | Alphanumeric – must be unique for every order  |
| amount<br>(charge now)   | 9 / decimal         | When start_now is set to 'true' the amount field becomes the amount to be billed immediately. When start_now is set to 'false' the amount field should be the same as the recur_amount field. The amount can be a minimum of 0.01 up to a maximum of 9999999.99. It must contain 2 decimal places and no \$ sign.  |
| pan                      | 20 / num            | Credit Card number – no spaces, no dashes (numeric only)   |
| exp_date                 | 4 / num             | Format – YYMM. Please note, this is opposite from what appears on the card.  |
| crypt_type               | 1 / num             | E-Commerce Indicator:<br>2 - Mail Order/Telephone Order - Recurring<br>Please refer to appendix A for a list of all Crypt Types.   |
| recur_unit               | day, week,<br>month | The unit that you wish to use as a basis for the Interval. This can be set as day, week or month. Then using the "period" field you can configure how many days, weeks, months between billing cycles.   |
| period                   | 0 – 999/num         | This is the number of recur_units you wish to pass between billing cycles.  Example: period = 3, recur_unit=month -> Card will be billed every 3 months. period = 4, recur_unit=weeks -> Card will be billed every 4 weeks. period = 45, recur_unit=day -> Card will be billed every 45 days. Please note that the total duration of the recurring billing transaction should not exceed 5-10 years in the future. |
| start_date               | YYYY/MM/DD          | This is the date on which the first charge will be billed. The value must be in the future. It cannot be the day on which the transaction is being sent. If the transaction is to be billed immediately the start_now feature must be set to true and the start_date should be set at the desired interval after today.  |
| start_now                | true / false        | When a charge is to be made against the card immediately start_now should be set to 'true'. If the billing is to start in the future then this value is to be set to 'false'. When start_now is set to 'true' the amount to be billed immediately may differ from the recur amount billed on a regular basis thereafter.   |
| recur_amount             | 9 / decimal         | Amount of the recurring transaction. This must contain 3 digits with two penny values. The minimum value passed can be 0.01 and the maximum 9999999.99. This is the amount that will be billed on the start_date and every interval thereafter.  |
| num_recurs               | 1 - 99 / num        | The number of times to recur the transaction.  |

Page 10 of 16



When completing the recurring billing portion for a monthly payment, please keep in mind that to prevent the shifting of recur bill dates, avoid setting the start date for anything past the 28th of any given month. For NOTE example, all billing dates set for the 31<sup>st</sup> of May will shift and bill on the 30<sup>th</sup> in June and will then bill the cardholder on the 30<sup>th</sup> for every subsequent month.

### **Example**

```
purchase, order_1_recurring, 3.00, 4242424242424242, 0712, 2, week, true, 2006/10/30, 4, 2, 1.00
purchase, order_2_recurring, 4.00, 424242424242424242, 0803, 2, day, false, 2006/10/15, 30, 10, 4.00
purchase, order_3_recurring, 5.00, 42424242424242, 0610, 2, month, true, 2006/11/11, 12, 1, 1.00
```

Example 1 will result in the card being billed immediately for \$3.00 and then starting on the 30<sup>th</sup> of Oct it will be billed \$1.00 every 2 weeks, 4 times. Final result will be that the card is charged 5 times - once for 3.00, and four times for 1.00.

Example 2 will result in the card being billed \$4.00 starting the 15<sup>th</sup> of Oct and every 30 days thereafter, for a total of 10 times.

Example 3 will result in the card being billed immediately for 5.00 and then starting on the 11th of Nov it will be billed 1.00 every month for 12 months. The card will be billed a total of 13 times.

#### **Corresponding Example Response**

```
order_1_recurring,660021810013368380,027,01,008598,11:28:28,2006-06-20,00,true,APPROVED
=: Recurring transaction successfully registered.,3.00,V,63796-838-0,false,,null,true
order_2_recurring, null, null, null, null, null, null, null, true, Recurring transaction successfully
registered., null, null, false, , null, true
order_3_recurring,660021810013368390,027,01,010535,11:28:34,2006-06-20,00,true,APPROVED
=: Recurring transaction successfully registered., 5.00, V, 63797-839-0, false, , null, true
```

#### 8. How do I send a Transaction?

We have an SFTP account setup in our test environment that you can use to upload test data for processing. To upload the file you will need to connect to:

|             | Test Environment | Production                                    |
|-------------|------------------|---|
| Host        | esqa.moneris.com | www3.moneris.com                              |
| Port        | 22               | 22  |
| Server Type | SFTP using SSH2  | SFTP using SSH2                               |
| Username    | store3           | Provided by Moneris<br>(please refer to NOTE) |
| Password    | store3           | Provided by Moneris<br>(please refer to NOTE) |

To receive your Production SFTP Username and Password, please have your main contact person e-mail the eSELECTplus Integration Support department.



E-mail: eselectplus@moneris.com

When e-mailing, please provide your merchant name, store ID, as well as your business address, phone and fax number. Your SFTP account information will be sent via fax to the number provided.

## 9. What Information will I get as a Response to My Transaction Request?

For each transaction you will receive a response message. For a full description of each field please refer to Appendix B. After the file is successfully processed go to the /out directory of the SFTP account and download the .out file. This will contain all the transaction responses. Please review the response file for all of the transactions.

The response format is below:

order\_id, ReferenceNum, ResponseCode, ISO, AuthCode, TransTime, TransDate, TransType, Complete, Message, TransAmount, CardType, txn\_number, TimedOut, BankTotals, Ticket

```
example: order_1_testing,660021810013368320,027,01,010460,11:04:27,2006-06-20,00,true,APPROVED =,13.00,V,63790-832-0,false,,null
```

To determine whether a transaction is successful or not the field that must be checked is ResponseCode. See the table below to determine the transaction result.

| Response Code        | Result     |
|----------------------|------------|
| 0 – 49 (inclusive)   | Approved   |
| 50 – 999 (inclusive) | Declined   |
| null                 | Incomplete |

For a full list of response codes and the associated message please refer to <a href="https://www3.moneris.com/connect/en/documents/index.html">https://www3.moneris.com/connect/en/documents/index.html</a> and download the Response Code document.

### **10.** Filename Conventions

When you are uploading a file the filename must conform to certain standards. The file name must be alphanumeric. It cannot contain any spaces. The extension must be ".csv" and it must be lowercase. Filenames that do not meet these requirements will not be processed.

When uploading a file it must be put in your default root directory. Do not put it in the processing directory – it will not get processed. When a file is complete the response file will be put in the /out folder. The filename will be identical to what was uploaded but will have an extension ".out"

| Request File        | Response File           |
|---------------------|-------------------------|
| testing_june_20.csv | testing_june_20.csv.out |

### 11. How Do I Test My Solution?

A testing environment is available for you to connect to while you are testing uploading .csv files for processing. The test environment is generally available 7x24, however since it is a test environment we cannot guarantee 100% availability. Also, please be aware that other merchants are using the test environment so you may see batch files that you did not create. As a courtesy to others that are testing we ask that when you are processing Refunds, deleting files and/or other functions that you use only the transactions/files that you created.

To upload .csv batch files to the test environment, please refer to section 8. To verify that these transactions have been properly received and processed, please refer to the .out file as well as logging into the Merchant Resource Centre to view reports of your transactions. To access the Merchant Resource Centre in the test environment go to <a href="https://esqa.moneris.com/mpg">https://esqa.moneris.com/mpg</a> and use the logins provided in the table below. If you have uploaded the batch file to store 3, please log into the Merchant Resource Centre into store3 to locate your transactions. These test store ID's, usernames and passwords are different than your production IDs.

| Test IDs |          |          |
|----------|----------|----------|
| Store ID | Username | Password |
| store1   | DemoUser | password |
| store2   | DemoUser | password |
| store3   | DemoUser | password |

When testing you may use the following test card numbers with any future expiry date. For track2, you may also test by swiping your own card through a mag swipe reader and collecting the track2 data.

| Test Card Numbers |   |  |  |
|-------------------|---|--|--|
| Card Plan         | Card Number                             |  |  |
| MasterCard        | 54545454545454                          |  |  |
| Visa              | 42424242424242                          |  |  |
| Amex              | 373599005095005                         |  |  |
| Diners            | 36462462742008                          |  |  |
| Track2            | ;5258984987184986=06061016091001060602? |  |  |

The test environment has been designed to replicate our production environment as closely as possible. One major difference is that we are unable to send test transactions onto the production authorization network and thus Issuer responses are simulated. Additionally, the requirement to emulate approval, decline and error situations dictates that we use certain transaction variables to initiate various response and error situations.

The test environment will approve and decline transactions based on the penny value of the amount field. For example, a transaction made for the amount of \$399.00 or \$1.00 will approve since the .00 penny value is set to approve in the test environment. Transactions in the test environment should not exceed \$1000.00. This limit does not exist in the production environment. For a list of all current test environment responses for various penny values, please see the Test Environment Penny Response table available at <a href="https://www3.moneris.com/connect/en/documents/index.html">https://www3.moneris.com/connect/en/documents/index.html</a>.



These responses may change without notice. Moneris Solutions recommends you regularly refer to our website to check for possible changes.

## **12.** How Do I Activate My Store?

Once you have received your activation letter/fax go to <a href="https://www3.moneris.com/connect/en/activate/index.php">https://www3.moneris.com/connect/en/activate/index.php</a> as instructed in the letter/fax. You will need to input your store ID and merchant ID then click on 'Activate'. In this process you will need to create an administrator account that you will use to log into the Merchant Resource Centre to access and administer your eSELECTplus store.

Once you have created your first Merchant Resource Centre user, please log on to the Interface by clicking the "eSELECTplus" button. Once you have logged in please proceed to ADMIN and then STORE SETTINGS. At the bottom please place a check beside Batch Upload. This will allow us to keep you up to date regarding any changes to the Batch Upload that may affect your store.

Next, please have your main contact person contact the eSELECTplus Integration Support department for your SFTP account username and password. The support team may be reached at 1-866-562-4354 or by email at <a href="mailto:eselectplus@moneris.com">eselectplus@moneris.com</a>. When e-mailing, please provide your merchant name, store ID, as well as your business address, phone and fax number. Your SFTP account information will be sent via fax to the number provided.

# **13.** How Do I Get Help?

If you require technical assistance while integrating your store, please contact the eSELECTplus Helpdesk:

Phone: 1-866-562-4354

Email: eselectplus@moneris.com

When sending an email be sure to include your name, phone number, a clear description of the problem as well as the type of batch file that you are using. For security reasons, please do not send us your password combined with your store id, or your merchant number and device number in the same email.

# **14.** Appendix A. Definitions of Required Fields

| Required Fields  |                  |  |  |
|------------------|------------------|--|--|
| Variable<br>Name | Size/Type        | Description  |  |
| trans_type       | an               | The transaction type is a case sensitive field that must be all in lower case.  The trans_type field must match one of these available transaction types:  purchase  track2_purchase  track2_preauth  track2_completion  track2_purchasecorrection  track2_purchasecorrection  track2_refund  track2_refund  track2_ind_refund   |  |
| order_id         | 50 / an          | Merchant defined unique transaction identifier - must be unique for every purchase, preauth and ind_refund attempt. For refund, completion and purchasecorrection the order_id must reference the original transaction.  |  |
| pan              | 20 /<br>variable | Credit Card Number - no spaces or dashes. Most credit card numbers today are 16 digits in length but some 13 digits are still accepted by some issuers. This field has been intentionally expanded to 20 digits in consideration for future expansion and/or potential support of private label card ranges.   |  |
| exp_date         | 4 / num          | Expiry Date - format <b>YYMM</b> no spaces or slashes.  PLEASE NOTE THAT THIS IS REVERSED FROM THE DATE DISPLAYED ON THE PHYSICAL CARD WHICH IS MMYY   |  |
| track2           |                  | This is a string that is retrieved from the mag swipe of a credit card by swiping the credit card through a card reader. It is part of a mag swipe/track2 transaction.   |  |
| amount           | 9 / decimal      | Amount of the transaction. This must contain 3 digits with two penny values. The minimum value passed can be 0.01 and the maximum 9999999.99   |  |
| crypt_type       | 1 / an           | E-Commerce Indicator:  1 - Mail Order / Telephone Order - Single  2 - Mail Order / Telephone Order - Recurring  3 - Mail Order / Telephone Order - Instalment  4 - Mail Order / Telephone Order - Unknown Classification  5 - Authenticated E-commerce Transaction (VBV)  6 - Non Authenticated E-commerce Transaction (VBV)  7 - SSL enabled merchant  8 - Non Secure Transaction (Web or Email Based)  9 - SET non - Authenticated transaction |  |
| pos_code         | 2 / num          | Under normal presentment situations the value should be '00'. If the solution is not "merchant and cardholder present" please call the support desk and we will provide the proper POS Code.   |  |
| txn_number       | 255 /<br>varchar | Used when performing follow on transactions - this must be filled with the value that was returned as the Txn_number in the response of the original transaction. When performing a Capture this must reference the PreAuth. When performing a Refund or a Void this must reference the Capture or the Purchase.   |  |
| cust_id          | 50 / an          | This is an optional field that can be sent as part of a Purchase or PreAuth request. It is searchable from the Moneris Merchant Resource Centre. It is commonly used for policy number, membership number, student ID or invoice number.   |  |

Page 15 of 16

# **15.** Appendix B. Definitions of Response Fields

| Response Fields |            |   |  |
|-----------------|------------|---|--|
| Variable Name   | Size/Type  | Description   |  |
| order_id        | 50 / an    | order_id specified in request   |  |
| ReferenceNum    | 18 / num   | The reference number is an 18 character string that references the terminal used to process the transaction as well as the shift, batch and sequence number, This data is typically used to reference transactions on the host systems and must be displayed on any receipt presented to the customer. This information should be stored by the merchant. The following illustrates the breakdown of this field where "660123450010690030" is the reference number returned in the message, "66012345" is the terminal id, "001" is the shift number, "069" is the batch number and "003" is the transaction number within the batch. |  |
|                 |            | Moneris Host Transaction identifier.  |  |
| ReponseCode     | 3 / num    | Transaction Response Code < 50: Transaction approved >= 50: Transaction declined NULL: Transaction was not sent for authorization   |  |
|                 |            | * If you would like further details on the response codes that are returned please see the Response Codes document available at <a href="https://www3.moneris.com/connect/en/documents/index.html">https://www3.moneris.com/connect/en/documents/index.html</a>   |  |
| ISO             | 2 / num    | ISO response code   |  |
| AuthCode        | 8 / an     | Authorization code returned from the issuing institution  |  |
| TransTime       | ##:##:##   | Processing host time stamp  |  |
| TransDate       | yyyy-mm-dd | Processing host date stamp  |  |
| TransType       | an         | Type of transaction that was performed  |  |
| Complete        | True/False | Transaction was sent to authorization host and a response was received  |  |
| Message         | 100 / an   | Response description returned from issuing institution.   |  |
| TransAmount     |            |   |  |
| CardType        | 2 / alpha  | Credit Card Type  |  |
| Txn_number      | 20 / an    | Gateway Transaction identifier  |  |
| TimedOut        | True/False | Transaction failed due to a process timing out  |  |
| Ticket          | n/a        | reserved  |  |

Page 16 of 16