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| Orbital Testing Cases |
| Guidelines  February 14, 2014  Version 1.9 |

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## 

## 1. Merchant Specific Information:

This section will provide the test merchant account information needed to begin the certification process. This information is assigned specifically to your company and will be used by the Integration Consultant to query and review the test transactions submitted.

### 1.1 Test Account Information:

Test Merchant Information:

* + **Company Name:** The Teaching Company, LLC
  + **DBkey:** 2299
  + **MID:** 181641, 577015
  + **Industry Type:** MOTO
  + **Terminal ID:** 001
  + **BIN Number:** 000001
  + **Auto Settle Time:** 20:00
  + **Case #: S2629770**

### 1.2 Connection Information:

* + **Standard XML URL’s:**

Primary URL: [https://orbital**var**1.paymentech.net/authorize on port 443](https://orbitalvar1.paymentech.net/authorize%20on%20port%20443%20)

Secondary URL: [https://orbital**var**2.paymentech.net/authorize on port 443](https://orbitalvar2.paymentech.net/authorize%20on%20port%20443%20)

* + **Orbital Gateway Web Services (SOAP) certification address:**

Primary: [https://ws**var**.paymentech.net/PaymentechGateway](https://wsvar.paymentech.net/PaymentechGateway) on port 443

Secondary: [https://ws**var**2.paymentech.net/PaymentechGateway](https://wsvar2.paymentech.net/PaymentechGateway) on port 443

* + **Authentication Connection User/Password:**

Connection Username: T7759TEACH

Connection Password: JCGF617YMT

### 1.3 Test Virtual Terminal Information:

Virtual Terminal URL: [https://secure**var**.paymentech.com/manager](https://securevar.paymentech.com/manager)

User Name: t14kalaga

Password: \*The password will be emailed separately to the Technical contacts email address. This email will be sent from [OrbitalGatewayLogons@ChasePaymentech.com](mailto:OrbitalGatewayLogons@ChasePaymentech.com).

## 

## 2. Contact Information:

An Integration Consultant at [IntegrationConsultingSupport@ChasePaymentech.com](mailto:IntegrationConsultingSupport@ChasePaymentech.com)

## 

## 3. General Certification Information:

### 3.1 Test System Availability:

Chase Paymentech’s test system is available 24 hours a day, 7 days a week. The system is monitored from 8 am to 5 pm Eastern time, Monday-Friday. Any issues or questions that may arise during testing should be directed to [IntegrationConsultingSupport@ChasePaymentech.com](mailto:IntegrationConsultingSupport@ChasePaymentech.com). Issues that occur during off hours will be reviewed on the following business day.

### 3.2 Testing Inactivity:

If you are unable to send any test transactions for review for four weeks, the testing request will be closed.  If the request is closed, the test environment will still be available to perform unattended testing.  Once you are ready to actively work with Integration Consultant, contact your Relationship Manager to open a new case.

## 4. Certification Steps:

To certify your integration to the Orbital Gateway the following steps need to be taken. These steps include testing that must be performed in the Orbital Gateway test environment. The format of the test transactions must comply with the Orbital Gateway API specifications and the host system. Specifications can be found on our Integration Library at <http://download.chasepaymentech.com/>

**1. The Connection Username & Password Authentication** – As provided in the connection information above will be used with the associated IP address for your connectivity.

**2.** **Testing Cases** - Please send a request for each transaction type that you are planning on supporting to the Orbital Gateway Testing environment. For example, if you support Refunds and Mark for Captures. Please send both requests

**3.** **Production Information** - Upon completion of the certification process, the Integration Consultant will provide you with your Production Information Document.

## 

## 5. General Testing Information:

The following test cases are to assist you with your certification testing. If any of these tests will not be performed in production, please leave them blank. These are general testing cases, should you wish to submit any other data within, please make the adjustment for your Integration Consultant to review. ***Due to your specific needs, your Integration Consultant may require some other tests be performed.***

**NOTE:** The **test account numbers** in this document can **only** be sent to the TEST environment. The user agrees to take full responsibility for fees incurred if these test account numbers are sent to the production environment. These test account numbers are presently valid in the test environment; however, Chase Paymentech may remove a test account number from this list or change the response code, at any time.

The **test environment** is not an exact replication of Production.  In cases where functionality cannot be exercised from end-to-end, your Integration Consultant will be comparing the specification requirements to the actual fields sent, in order to validate that developed code is compatible with the specification.  At times, simulations will be used to produce results and returns for the purpose of validation.  In addition, certain “triggered responses” are configured to provide exact responses to different transaction scenarios. Those triggered response conditions and scenarios can be provided upon request.

Once you have completed your testing please return the testing cases back to [IntegrationConsultingSupport@ChasePaymentech.com](mailto:IntegrationConsultingSupport@ChasePaymentech.com). An Integration Consultant will be assigned to your case and will review the transactions. They will provide feedback on the next steps needed to complete certification.

Please be advised that certification data filled in must be for transactions currently performed and during the Business week, this will insure that the data will be available on the host system for review.

Should you have any questions or require assistance, please contact an Integration Consultant at [IntegrationConsultingSupport@ChasePaymentech.com](mailto:IntegrationConsultingSupport@ChasePaymentech.com).

## 6. Testing Cases:

Fill out those testing cases that will be applicable to your production processing.

The Industry Types will be one of the following: MO = Mail/Telephone Orders, EC – Ecommerce, RC – Recurring and IV = IVR.

## 6.1 US Currency Test Cases:

### Section A: Authorization for Account Verification Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 0.01 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 |  | 0.01 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | Electronic Check  # 0888271156  RDFI # 122000247 |  | 0.00 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |  |  |
| 4 | JCB  3528000000000007 |  | 0.01 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |
| 5 | MasterCard  5112345112345114 |  | 0.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 6 | Visa  4112344112344113 |  | 0.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

### Section B: Authorization Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 |  | 100.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | Electronic Check # 0888271156  RDFI # 122000247 |  | 100.00 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |  |  |
| 4 | JCB  3528000000000007 |  | 100.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |
| 5 | MasterCard  5112345112345114 |  | 100.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 6 | Visa  4112344112344113 |  | 100.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

### Section C: Capture Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 |  | 100.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | Electronic Check # 0888271156  RDFI # 122000247 |  | 100.00 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |  |  |
| 4 | JCB  3528000000000007 |  | 100.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |
| 5 | MasterCard  5112345112345114 |  | 100.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 6 | Visa  4112344112344113 |  | 100.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

### Section D: Auth/Capture Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 |  | 10.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | Electronic Check # 0888271156  RDFI # 122000247 |  | 10.00 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |  |  |
| 4 | JCB  3528000000000007 |  | 10.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |
| 5 | MasterCard  5112345112345114 |  | 10.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 6 | Visa  4112344112344113 |  | 10.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

Section E: Refund **Testing using a TxRefNum:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 |  |
| 2 | Discover  6559906559906557 |  | 10.00 |  |
| 3 | Electronic Check # 0888271156  RDFI # 122000247 | Lesley Lou LaFrance | 10.00 |  |

**Section E: Refund Testing using a Credit Card Number:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | JCB  3528000000000007 |  | 10.00 |  |
| 5 | MasterCard  5112345112345114 |  | 10.00 |  |
| 6 | Visa  4112344112344113 |  | 10.00 |  |

### Section F: Authorization to Void/Reversal Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 |  | 10.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | Electronic Check # 0888271156  RDFI # 122000247 |  | 10.00 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |  |  |
| 4 | JCB  3528000000000007 |  | 10.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |
| 5 | MasterCard  5112345112345114 |  | 10.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 6 | Visa  4112344112344113 |  | 10.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

### Section G: Create a Customer Profile Testing:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Address Information (AVS)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 | 4 Northeastern Blvd  Salem, NH 03105 |  |
| 2 |  | Discover  6559906559906557 | 1 Northeastern Blvd  Bedford, NH 03109 |  |
| 3 |  | Electronic Check # 0888271156  RDFI # 122000247 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |
| 4 |  | JCB  3528000000000007 | 5 Northeastern Blvd.  Nashua, NH 03060 |  |
| 5 |  | MasterCard  5112345112345114 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 |  |
| 6 |  | Visa  4112344112344113 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 |  |

### Section H: Update Customer Profile Testing:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Address Information (AVS)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 | 4 Northeastern Blvd  Boston, NH 03105 |  |
| 2 |  | Discover  6559906559906557 | 1 Northeastern Blvd  Salem, NH 03109 |  |
| 3 |  | Electronic Check # 0888271156  RDFI # 122000247 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |
| 4 |  | JCB  3528000000000007 | 5 Northeastern Blvd.  Bedford, NH 03060 |  |
| 5 |  | MasterCard  5112345112345114 | Suite 100  5 Northeastern Blvd  Salem, NH 03101 |  |
| 6 |  | Visa  4112344112344113 | Apt 2  1 Northeastern Blvd  Maine, NH 03109-1234 |  |

### Section I: Using Customer Profile Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Customer Ref Number** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express |  | 10.00 |  |  |  |
| 2 | Discover |  | 10.00 |  |  |  |
| 3 | Electronic Check |  | 10.00 |  |  |  |
| 4 | JCB |  | 10.00 |  |  |  |
| 5 | MasterCard |  | 10.00 |  |  |  |
| 6 | Visa |  | 10.00 |  |  |  |

Section J: Delete Customer Profile Testing: **Please do not Delete any profiles that were used in previous tests above.**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Customer Ref Number** |
| 1 |  | American Express |  |
| 2 |  | Discover |  |
| 3 |  | Electronic Check |  |
| 4 |  | JCB |  |
| 5 |  | MasterCard |  |
| 6 |  | Visa |  |

Section K: Negative Testing: **These are required** in order to insure you will be able to identify a declined transaction from the issuing Bank in production.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Decline Code or Message** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 530.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 |  | 304.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | JCB  3528000000000007 |  | 605.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |
| 4 | MasterCard  5112345112345114 |  | 402.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 5 | Visa  4112344112344113 |  | 999.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

## 6.2 Level 2 Test Cases:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **PC Data and Tax Amount** | **Destination Address Information (AVS)** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  Salem, NH 03105 | **1234** |  | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 |
| 2 | Discover  6559906559906557 |  | 100.00 | 1 Northeastern Blvd  Bedford, NH 03109 | **613** |  | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 |
| 3 | JCB  3528000000000007 |  | 100.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | **611** |  | 5 Northeastern Blvd.  Nashua, NH 03060 |
| 4 | MasterCard  5115915115915118 |  | 100.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | **123** |  | 1 Northeastern Blvd  Bedford, NH 03109 |
| 5 | Visa  4114360123456785 |  | 100.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | **411** |  | 4 Northeastern Blvd  Salem, NH 03105 |

***Continued on following page ….***

**Information Received for Level 2 Transactions Above:**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express |  |  |
| 2 | Discover |  |  |
| 3 | JCB |  |  |
| 4 | MasterCard |  |  |
| 5 | Visa |  |  |

## 6.3 Level 3 Test Cases:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | MasterCard  5116601234567894 |  | 100.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 2 | Visa  4061724061724061 |  | 100.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |
| **Please provide the data being sent in the level 3 transactions for Visa and MasterCard** | | | | | | | |
| **1 MasterCard =** | | | | | | | |
| **2 Visa =** | | | | | | | |

## 6.4 PinLess Debit Test Cases:

**Note:** Currently All PinLess Debit testing must be done via **MID 651117**.

**Auth/Capture:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Bill Reference Number** | **Retry Trace Number** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | Accel 4935550000000006 |  | 100.00 |  |  |  |  |
| 2 | Star 5322340000000000 |  | 100.00 |  |  |  |  |
| 3 | NYCE 4132340000000003 |  | 100.00 |  |  |  |  |
| 4 | Pulse 5342340000000006 |  | 100.00 |  |  |  |  |
| 5 | Pulse 5999012345678905 |  | 100.65 |  |  |  |  |
| 6 | Pulse 5999012345678905 |  | 100.60 |  |  |  |  |

## 6.5 Bill Me Later Test Cases:

**Note**: Since Bill Me Later will provide you with the testing script, please attach that script for your Integration Consultant to review with.

**Authorization to Capture:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Order ID and/or TxRefNum** |
| 1 | 5049900000000000 |  | 100.00 |  |
| 2 | 5049900000000000 |  | 100.00 |  |

**Auth/Capture:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Order ID and/or TxRefNum** |
| 1 | 5049900000000000 |  | 100.00 |  |
| 2 | 5049900000000000 |  | 100.00 |  |

## 6.6 Gift Card Test Cases:

**Note:** Currently All Gift Card testing must be done via Test **MID 848481**.

**Test Account Numbers Provided**:

|  |  |  |
| --- | --- | --- |
| **#** | **Account Number Used** | **Card Security Values (CVV)** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |
| 5 |  |  |

**Card Activation:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

**Add Value:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

**Authorization:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

***Continued on following page ….***

**Redemption:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

**Redemption Completion:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

**Refund:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

**Balance Inquiry:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

***Continued on following page ….***

**Void:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Account Number Used** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 |  |  | 100.00 |  |  |  |
| 2 |  |  | 100.00 |  |  |  |
| 3 |  |  | 100.00 |  |  |  |
| 4 |  |  | 100.00 |  |  |  |
| 5 |  |  | 100.00 |  |  |  |

## 6.7 CAD Currency Test Cases:

### Section A: Authorization for Account Verification Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 0.01 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 | 1234 |  |  |
| 2 | Discover Diners  36110361103612 |  | 0.01 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 | 613 |  |  |
| 3 | Electronic Check  # 0888271156  RDFI # 12200024 |  | 0.00 | Lesley Lou LaFrance  Byway Street  Ottawa, ON J0P 1H0 |  |  |  |
| 4 | MasterCard  5193911111111112 |  | 0.00 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 | 123 |  |  |
| 5 | Visa  4257021111111116 |  | 0.00 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 | 411 |  |  |

### Section B: Authorization Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 | 1234 |  |  |
| 2 | Discover Diners  36110361103612 |  | 100.00 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 | 613 |  |  |
| 3 | Electronic Check # 0888271156  RDFI # 12200024 |  | 100.00 | Lesley Lou LaFrance  Byway Street  Ottawa, ON J0P 1H0 |  |  |  |
| 4 | MasterCard  5193911111111112 |  | 100.00 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 | 123 |  |  |
| 5 | Visa  4257021111111116 |  | 100.00 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 | 411 |  |  |

### Section C: Capture Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 | 1234 |  |  |
| 2 | Discover Diners  36110361103612 |  | 100.00 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 | 613 |  |  |
| 3 | Electronic Check  # 0888271156  RDFI # 12200024 |  | 100.00 | Lesley Lou LaFrance  Byway Street  Ottawa, ON J0P 1H0 |  |  |  |
| 4 | MasterCard  5193911111111112 |  | 100.00 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 | 123 |  |  |
| 5 | Visa  4257021111111116 |  | 100.00 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 | 411 |  |  |

### Section D: Auth/Capture Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 | 1234 |  |  |
| 2 | Discover Diners  36110361103612 |  | 10.00 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 | 613 |  |  |
| 3 | Electronic Check  # 0888271156  RDFI # 12200024 |  | 10.00 | Lesley Lou LaFrance  Byway Street  Ottawa, ON J0P 1H0 |  |  |  |
| 4 | MasterCard  5193911111111112 |  | 10.00 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 | 123 |  |  |
| 5 | Visa  4257021111111116 |  | 10.00 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 | 411 |  |  |

Section E: Refund **Testing using a TxRefNum:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 |  |
| 2 | Discover Diners  36110361103612 |  | 10.00 |  |
| 3 | Electronic Check  # 0888271156  RDFI # 12200024 |  | 10.00 |  |

**Section E: Refund Testing using a Credit Card Number:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | MasterCard  5193911111111112 |  | 10.00 |  |
| 5 | Visa  4257021111111116 |  | 10.00 |  |

### Section F: Authorization to Void/Reversal Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 | 1234 |  |  |
| 2 | Discover Diners  36110361103612 |  | 10.00 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 | 613 |  |  |
| 3 | Electronic Check  # 0888271156  RDFI # 12200024 |  | 10.00 | Lesley Lou LaFrance  Byway Street  Ottawa, ON J0P 1H0 |  |  |  |
| 4 | MasterCard  5193911111111112 |  | 10.00 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 | 123 |  |  |
| 5 | Visa  4257021111111116 |  | 10.00 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 | 411 |  |  |

### Section G: Create a Customer Profile Testing:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Address Information (AVS)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 |  |
| 2 |  | Discover Diners  36110361103612 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 |  |
| 3 |  | Electronic Check  # 0888271156  RDFI # 12200024 | Lesley Lou LaFrance  Byway Street  Ottawa, ON J0P 1H0 |  |
| 4 |  | MasterCard  5193911111111112 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 |  |
| 5 |  | Visa  4257021111111116 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 |  |

### Section H: Update Customer Profile Testing:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Address Information (AVS)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 |  |
| 2 |  | Discover Diners  36110361103612 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 |  |
| 3 |  | Electronic Check  # 0888271156  RDFI # 12200024 | Lesley Lou LaFrance  Byway Street  Ottawa, ON J0P 1H0 |  |
| 4 |  | MasterCard  5193911111111112 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 |  |
| 5 |  | Visa  4257021111111116 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 |  |

### Section I: Using Customer Profile Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Customer Ref Number** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express |  | 10.00 |  |  |  |
| 2 | Discover Diners |  | 10.00 |  |  |  |
| 3 | Electronic Check |  | 10.00 |  |  |  |
| 4 | MasterCard |  | 10.00 |  |  |  |
| 5 | Visa |  | 10.00 |  |  |  |

Section J: Delete Customer Profile Testing: **Please do not Delete any profiles that were used in previous tests above.**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Customer Ref Number** |
| 1 |  | American Express |  |
| 2 |  | Discover Diners |  |
| 3 |  | Electronic Check |  |
| 4 |  | MasterCard |  |
| 5 |  | Visa |  |

Section K: Negative Testing: **These are required** in order to insure you will be able to identify a declined transaction from the issuing Bank in production.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Decline Code or Message** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 530.00 | 4 Northeastern Blvd  Ottawa, ON J0P1H0 | 1234 |  |  |
| 2 | Discover Diners  36110361103612 |  | 304.00 | 1 Northeastern Blvd  Ottawa, ON J0P 1J0 | 613 |  |  |
| 3 | MasterCard  5193911111111112 |  | 402.00 | Suite 100  5 Northeastern Blvd  Ottawa, ON J0P1J0 | 123 |  |  |
| 4 | Visa  4257021111111116 |  | 999.00 | Apt 2  1 Northeastern Blvd  Ottawa, ON J0P 1H0 | 411 |  |  |

## 6.8 GB Currency Test Cases:

### Section A: Authorization for Account Verification Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 0.01 | 4 Northeastern Blvd  London, GB RC2A 1RS | 1234 |  |  |
| 2 | Discover  36458811111119 |  | 0.00 | 45 Horizon St  London, UK WA3 7WF | 345 |  |  |
| 3 | EUDD # 34697856  GB Sort # 309136 |  | 0.01 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA |  |  |  |
| 4 | International Maestro  6706981111111113 |  | 0.00 | 22 Boulevard Way  London, GB G74 5PA | 613 |  |  |
| 5 | MasterCard  5116561111111119 |  | 0.00 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE | 123 |  |  |
| 6 | Visa  4077041111111112 |  | 0.00 | Apt 2  1 Northeastern Blvd  London, GB RG41 5TP | 411 |  |  |

### Section B: Authorization Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  London, GB RC2A 1RS | 1234 |  |  |
| 2 | Discover  36458811111119 |  | 100.00 | 45 Horizon St  London, UK WA3 7WF | 345 |  |  |
| 3 | EUDD # 34697856  GB Sort # 309136 |  | 100.00 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA |  |  |  |
| 4 | International Maestro  6706981111111113 |  | 100.00 | 22 Boulevard Way  London, GB G74 5PA | 613 |  |  |
| 5 | MasterCard  5116561111111119 |  | 100.00 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE | 123 |  |  |
| 6 | Visa  4077041111111112 |  | 100.00 | Apt 2  1 Northeastern Blvd  London, GB RG41 5TP | 411 |  |  |

### Section C: Capture Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  London, GB RC2A 1RS | 1234 |  |  |
| 2 | Discover  36458811111119 |  | 100.00 | 45 Horizon St  London, UK WA3 7WF | 345 |  |  |
| 3 | EUDD # 34697856  GB Sort # 309136 |  | 100.00 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA |  |  |  |
| 4 | International Maestro  6706981111111113 |  | 100.00 | 22 Boulevard Way  London, GB G74 5PA | 613 |  |  |
| 5 | MasterCard  5116561111111119 |  | 100.00 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE | 123 |  |  |
| 6 | Visa  4077041111111112 |  | 100.00 | Apt 2  1 Northeastern Blvd  London, GB RG41 5TP | 411 |  |  |

### Section D: Auth/Capture Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 | 4 Northeastern Blvd  London, GB RC2A 1RS | 1234 |  |  |
| 2 | Discover  36458811111119 |  | 10.00 | 45 Horizon St  London, UK WA3 7WF | 345 |  |  |
| 3 | EUDD # 34697856  GB Sort # 309136 |  | 10.00 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA |  |  |  |
| 4 | International Maestro  6706981111111113 |  | 10.00 | 22 Boulevard Way  London, GB G74 5PA | 613 |  |  |
| 5 | MasterCard  5116561111111119 |  | 10.00 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE | 123 |  |  |
| 6 | Visa  4077041111111112 |  | 10.00 | Apt 2  1 Northeastern Blvd  London, GB RG41 5TP | 411 |  |  |

Section E: Refund **Testing using a TxRefNum:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 |  |
| 2 | Discover  36458811111119 |  | 10.00 |  |
| 3 | EUDD # 34697856  GB Sort # 309136 |  | 10.00 |  |

**Section E: Refund Testing using a Credit Card Number:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | International Maestro  6706981111111113 |  | 10.00 |  |
| 5 | MasterCard  5116561111111119 |  | 10.00 |  |
| 6 | Visa  4077041111111112 |  | 10.00 |  |

### Section F: Authorization to Void/Reversal Testing:

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 10.00 | 4 Northeastern Blvd  London, GB RC2A 1RS | 1234 |  |  |
| 2 | Discover  36458811111119 |  | 10.00 | 45 Horizon St  London, UK WA3 7WF | 345 |  |  |
| 3 | EUDD # 34697856  GB Sort # 309136 |  | 10.00 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA |  |  |  |
| 4 | International Maestro  6706981111111113 |  | 10.00 | 22 Boulevard Way  London, GB G74 5PA | 613 |  |  |
| 5 | MasterCard  5116561111111119 |  | 10.00 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE | 123 |  |  |
| 6 | Visa  4077041111111112 |  | 10.00 | Apt 2  1 Northeastern Blvd  London, GB RG41 5TP | 411 |  |  |

### Section G: Create a Customer Profile Testing:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Address Information (AVS)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 | 4 Northeastern Blvd  London, GB RC2A 1RS |  |
| 2 |  | Discover  36458811111119 | 45 Horizon St  London, UK WA3 7WF |  |
| 3 |  | EUDD # 34697856  GB Sort # 309136 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA |  |
| 4 |  | International Maestro  6706981111111113 | 22 Boulevard Way  London, GB G74 5PA |  |
| 5 |  | MasterCard  5116561111111119 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE |  |
| 6 |  | Visa  4077041111111112 | Apt 2  1 Northeastern Blvd  London, GB RG41 5TP |  |

### Section H: Update Customer Profile Testing:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Address Information (AVS)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 | 4 Northeastern Blvd  London, GB RC2A 1RS |  |
| 2 |  | Discover  36458811111119 | 45 Horizon St  London, UK WA3 7WF |  |
| 3 |  | EUDD # 34697856  GB Sort # 309136 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA |  |
| 4 |  | International Maestro  6706981111111113 | 22 Boulevard Way  London, GB G74 5PA |  |
| 5 |  | MasterCard  5116561111111119 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE |  |
| 6 |  | Visa  4077041111111112 | Apt 2  1 Northeastern Blvd  London, GB RG41 5TP |  |

### Section I: Using Customer Profile Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Customer Ref Number** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express |  | 10.00 |  |  |  |
| 2 | Discover |  | 10.00 |  |  |  |
| 3 | EUDD |  | 10.00 |  |  |  |
| 4 | International Maestro |  | 10.00 |  |  |  |
| 5 | MasterCard |  | 10.00 |  |  |  |
| 6 | Visa |  | 10.00 |  |  |  |

Section J: Delete Customer Profile Testing: **Please do not Delete any profiles that were used in previous tests above.**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Customer Ref Number** |
| 1 |  | American Express |  |
| 2 |  | Discover |  |
| 3 |  | EUDD |  |
| 4 |  | International Maestro |  |
| 5 |  | MasterCard |  |
| 6 |  | Visa |  |

Section K: Negative Testing: **These are required** in order to insure you will be able to identify a declined transaction from the issuing Bank in production.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Decline Code or Message** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 530.00 | 4 Northeastern Blvd  London, GB RC2A 1RS | 1234 |  |  |
| 2 | Discover  36458811111119 |  | 502.00 | 45 Horizon St  London, UK WA3 7WF | 345 |  |  |
| 3 | International Maestro  6706981111111113 |  | 304.00 | Lesley Lou LaFrance  Byway Street  Belfast, UK A3A 4AA | 613 |  |  |
| 4 | MasterCard  5116561111111119 |  | 402.00 | 22 Boulevard Way  London, GB G74 5PA | 123 |  |  |
| 5 | Visa  4077041111111112 |  | 999.00 | Suite 100  5 Northeastern Blvd  Belfast, UK W8 4PE | 411 |  |  |

## 6.9 Other Supported Currencies Test Cases:

**Note:** For International Processing, if you have a zero decimal currency, such as the ***Japanese Yen***, please use that division for some of your certification testing.

### Section A: Authorization for Account Verification Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 0.01 | 1234 |  |  |
| 2 | Discover  36413711111115 |  | 001 | 678 |  |  |
| 3 | International Maestro  6304958000000000002 Ireland |  | 0.00 | 613 |  |  |
| 4 | MasterCard  5473551111111117 |  | 0.00 | 123 |  |  |
| 5 | Visa  4142621111111112 |  | 0.00 | 411 |  |  |

### Section B: Authorization Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 105.00 | 1234 |  |  |
| 2 | Discover  36413711111115 |  | 105.00 | 678 |  |  |
| 3 | International Maestro  6304958000000000002 Ireland |  | 105.00 | 613 |  |  |
| 4 | MasterCard  5473551111111117 |  | 105.00 | 123 |  |  |
| 5 | Visa  4142621111111112 |  | 105.00 | 411 |  |  |

### Section C: Capture Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 105.00 | 1234 |  |  |
| 2 | Discover  36413711111115 |  | 105.00 | 678 |  |  |
| 3 | International Maestro  6304958000000000002 Ireland |  | 105.00 | 613 |  |  |
| 4 | MasterCard  5473551111111117 |  | 105.00 | 123 |  |  |
| 5 | Visa  4142621111111112 |  | 105.00 | 411 |  |  |

### Section D: Auth/Capture Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 105.00 | 1234 |  |  |
| 2 | Discover  36413711111115 |  | 105.00 | 678 |  |  |
| 3 | International Maestro  6304958000000000002 Ireland |  | 105.00 | 613 |  |  |
| 4 | MasterCard  5473551111111117 |  | 105.00 | 123 |  |  |
| 5 | Visa  4142621111111112 |  | 105.00 | 411 |  |  |

Section E: Refund **Testing using a TxRefNum:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 105.00 |  |
| 2 | Discover  36413711111115 |  | 105.00 |  |
| 3 | International Maestro  6304958000000000002 Ireland |  | 105.00 |  |

**Section E: Refund Testing using a Credit Card Number:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 4 | MasterCard  5473551111111117 |  | 105.00 |  |
| 5 | Visa  4142621111111112 |  | 105.00 |  |

### Section F: Authorization to Void/Reversal Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 105.00 | 1234 |  |  |
| 2 | Discover  36413711111115 |  | 105.00 | 678 |  |  |
| 3 | International Maestro  6304958000000000002 Ireland |  | 105.00 | 613 |  |  |
| 4 | MasterCard  5473551111111117 |  | 105.00 | 123 |  |  |
| 5 | Visa  4142621111111112 |  | 105.00 | 411 |  |  |

### Section G: Create a Customer Profile Testing:

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 |  |
| 2 |  | Discover  36413711111115 |  |
| 3 |  | International Maestro  6304958000000000002 Ireland |  |
| 4 |  | MasterCard  5473551111111117 |  |
| 5 |  | Visa  4142621111111112 |  |

### Section H: Update Customer Profile Testing:

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Customer Ref Number** |
| 1 |  | American Express  341134113411347 |  |
| 2 |  | Discover  36413711111115 |  |
| 3 |  | International Maestro  6304958000000000002 Ireland |  |
| 4 |  | MasterCard  5473551111111117 |  |
| 5 |  | Visa  4142621111111112 |  |

### Section I: Using Customer Profile Testing:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Customer Ref Number** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express |  | 105.00 |  |  |  |
| 2 | Discover |  | 105.00 |  |  |  |
| 3 | International Maestro |  | 105.00 |  |  |  |
| 4 | MasterCard |  | 105.00 |  |  |  |
| 5 | Visa |  | 105.00 |  |  |  |

Section J: Delete Customer Profile Testing: **Please do not Delete any profiles that were used in previous tests above.**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Date/Time and Zone** | **Method Of Payment (MOP)** | **Customer Ref Number** |
| 1 |  | American Express |  |
| 2 |  | Discover |  |
| 3 |  | International Maestro |  |
| 4 |  | MasterCard |  |
| 5 |  | Visa |  |

Section K: Negative Testing: **These are required** in order to insure you will be able to identify a declined transaction from the issuing Bank in production.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Decline Code or Message** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 530.00 | 1234 |  |  |
| 2 | Discover  36413711111115 |  | 502.00 | 678 |  |  |
| 3 | International Maestro  6304958000000000002 Ireland |  | 304.00 | 613 |  |  |
| 4 | MasterCard  5473551111111117 |  | 402.00 | 123 |  |  |
| 5 | Visa  4142621111111112 |  | 999.00 | 411 |  |  |

## 6.10 Failover Testing Test Cases:

**Note: This test is required** in order to insure you will always have access to our servers

**Auth/Capture or Authorization to Capture Testing to URL:**

orbitalvar2.paymentech.net/authorize on port 443 or <https://wsvar2.paymentech.net/PaymentechGateway> on port 443

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 105.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 |  | 105.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | MasterCard  5112345112345114 |  | 105.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 4 | Visa  4112344112344113 |  | 105.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

## 6.11 Merchant Descriptor or Soft Merchant Descriptor Test Cases:

**Note:** Please confirm with your Integration Consultant that setup is completed before submitting the tests below.

**Auth/Capture Testing or Authorization to Capture Testing**

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Descriptors** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 | ABC  SOFTWARE |  | 10.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |
| 2 | Discover  6559906559906557 | ABCTOOL  SOFTWARE |  | 10.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |
| 3 | Electronic Check # 0888271156  RDFI # 122000247 | ABCandDCE  SOFTWARE |  | 10.00 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 |  |  |  |
| 4 | JCB  3528000000000007 | ABC  SOFTWARE |  | 10.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |
| 5 | MasterCard  5112345112345114 | ABCTOOL  SOFTWARE |  | 10.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 6 | Visa  4112344112344113 | ABCDECOMPANY  SOFTWARE |  | 10.00 | 1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |

## 6.12 Retry Logic Test Cases:

**Note:** Please submit the transaction twice with the exact same Retry Trace Number.

**Authorization:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 3 | Discover  6559906559906557 |  | 10.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 611 |  |  |
| 4 | Discover  6559906559906557 |  | 10.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 611 |  |  |
| 5 | MasterCard  5112345112345114 |  | 10.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |
| 6 | MasterCard  5112345112345114 |  | 10.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |

## 6.13 Verified by Visa and MasterCard/International Maestro Secure Code Test Cases:

**Note:** Please confirm with your Integration Consultant that setup is completed before submitting the tests below.

**Auth/Capture:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **ECI**  **Type** | **Amt** | **Card Security Values (CVV)** | **CAVV Value Base 64** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | International Maestro  6304958000000000002 Ireland | 6 | 10.00 | 234 |  |  |  |
| 2 | International Maestro  6304958000000000002 Ireland | 5 | 10.00 | 234 | hsjuQljfl86bAAAAAACm9zU6aqY= |  |  |
| 3 | MasterCard  5112345112345114 | 6 | 10.00 | 123 |  |  |  |
| 4 | MasterCard  5112345112345114 | 5 | 10.00 | 123 | Asju1ljfl86bAAAAAACm9zU6aqY= |  |  |
| 5 | Visa  4112344112344113 | 6 | 10.00 | 411 |  |  |  |
| 6 | Visa  4112344112344113 | 5 | 10.00 | 411 | AAABAIcJIoQDIzAgVAkiAAAAAAA= |  |  |

## 6.14 Safetech Test Cases:

**Note:** Please confirm with your Integration Consultant that setup is completed before submitting the tests below. These are only examples for testing. Production like data should be sent.

**Authorization to Capture or Auth/Capture for Fraud Analyst Testing:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry**  **Type** | **Amt** | **Card Security Values (CVV)** | **Rules Triggered, UDF or Shopping Cart Items** | **Bill to Address Information** | **Ship to Address Information** |
| 1 | **Note** this if for Non Support Methods of Chase Payments -  SV - Gift Card 0000000000000000 |  | 10.00 | 234 | UPROMOCODE=X6Y3Z1&|UCUSTOMERREFERAL=SocialMedia&|UDISCOUNTGIVEN=10.00&| | 4 Northeastern Blvd  Salem, NH 03105 | 5 Northeastern Blvd  Salem, NH 03105 |
| 3 | American Express  341134113411347 |  | 10.00 | 1234 | T=Tickets&I=FridayNightBaseballGame&D=SeatsBehindHomePlate&Q=2&P=20000&|T=StadiumParking&I=FridayNightBaseBallGame&D=VIPParkingPass&Q=1&P=2000&| | 1 Northeastern Blvd  Bedford, NH 03109 | 7 Northeastern Blvd  Bedford, NH 03109 |
| 4 | Discover  6559906559906557 |  | 10.00 | 611 | Rules Triggered tag Yes | 1 Northeastern Blvd  Bedford, NH 03109 | 8 Northeastern Blvd  Bedford, NH 03109 |
| 5 | MasterCard  5112345112345114 |  | 10.00 | 123 | UPROMOCODE=X6Y3Z1&|UCUSTOMERREFERAL=SocialMedia&|UDISCOUNTGIVEN=10.00&| | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | Suite 100  9 Northeastern Blvd  Bedford, NH 03101 |
| 6 | Visa  4112344112344113 |  | 10.00 | 411 | T=Tickets&I=FridayNightBaseballGame&D=SeatsBehindHomePlate&Q=2&P=20000&|T=StadiumParking&I=FridayNightBaseBallGame&D=VIPParkingPass&Q=1&P=2000&| | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | Suite 100  4 Northeastern Blvd  Bedford, NH 03101 |

**Information Received for Fraud Analyst Testing Above:**

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | Gift Card |  |  |
| 2 | American Express |  |  |
| 3 | Discover |  |  |
| 4 | MasterCard |  |  |
| 5 | Visa |  |  |

## 6.15 Split Capture Test Cases:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Card Security Values (CVV)** | **Auth Code** | **Order ID and/or TxRefNum** |
| 1 | Authorization for American Express  341134113411347 |  | 100.00 | 1234 |  |  |
| 2 | 1st Capture for American Express |  | 75.00 |  |  |  |
| 3 | 2nd Capture for American Express |  | 25.00 |  |  |  |
| 4 | Authorization for MasterCard  5112345112345114 |  | 100.00 | 123 |  |  |
| 5 | 1st Capture for MasterCard |  | 75.00 |  |  |  |
| 6 | Void for MasterCard |  | 75.00 |  |  |  |
| 7 | 2nd Capture for MasterCard |  | 25.00 |  |  |  |

## 6.16 Forced Capture Test Cases:

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Prior Auth Code** | **Order ID and/or TxRefNum** |
| 1 | American Express  341134113411347 |  | 100.00 | 4 Northeastern Blvd  Salem, NH 03105 | **654321** |  |
| 2 | Discover  6559906559906557 |  | 100.00 | 1 Northeastern Blvd  Bedford, NH 03109 | **789012** |  |
| 3 | Electronic Check  # 0888271156  RDFI # 122000247 |  | 100.00 | Lesley Lou LaFrance  Byway Street  Portsmouth, MA 03275 | **123456** |  |
| 4 | JCB  3528000000000007 |  | 100.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | **123T45** |  |
| 5 | MasterCard  5112345112345114 |  | 100.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | **67B890** |  |
| 6 | Visa  4112344112344113 |  | 100.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | **98765G** |  |

## 6.17 Partial Authorization Test Cases:

**Note:** American Express must be setup at the MID Level. Therefore, in order to Test American Express, please use US Test **MID# 148040**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **Amt Approved** | **Balance Amount** | **Order ID and/or TxRefNum** |
| 1 | American Express  377777777777770 |  | 80.00 | 4 Northeastern Blvd  Salem, NH 03105 | 1234 |  |  |  |  |
| 2 | Discover  6011000994116667 |  | 90.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |  |  |
| 3 | MasterCard  5555555555555565 |  | 110.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |  |  |
| 4 | MasterCard  5555556666666663 |  | 120.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |  |  |
| 5 | Visa  4444445555555559 |  | 130.00 | 10 North Street  Pembroke, NH 03275 | 444 |  |  |  |  |
| 6 | Visa  4444444444444455 |  | 140.00 | 22 Cheryl Drive  Allenstown, NH 03275 | 555 |  |  |  |  |

## 6.18 Card Type Indicator Test Cases:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **#** | **Method Of Payment (MOP)** | **Industry Type** | **Amt** | **Address Information (AVS)** | **Card Security Values (CVV)** | **Auth Code** | **CTI Response** | **Order ID and/or TxRefNum** |
| 1 | Discover  6011016011016011 |  | 100.00 | 1 Northeastern Blvd  Bedford, NH 03109 | 613 |  |  |  |
| 2 | JCB  3566003566003566 |  | 100.00 | 5 Northeastern Blvd.  Nashua, NH 03060 | 611 |  |  |  |
| 3 | MasterCard  5110969999999990 |  | 100.00 | Suite 100  5 Northeastern Blvd  Bedford, NH 03101 | 123 |  |  |  |
| 4 | Visa  4001579999999992 |  | 100.00 | Apt 2  1 Northeastern Blvd  Bedford, NH 03109-1234 | 411 |  |  |  |