

|  |
| --- |
| Orbital Certification Test Cases  (Card Not Present) |
| June 4, 2013  5 |

4200 West Cypress St.

Suite 350

Tampa, FL 33607

[www.ChasePaymentech.com](http://www.ChasePaymentech.com)

Technology Integration

Credentials has been replaced with XXXX chase paymentech will provide you with yours credentials

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# 1. Integrator Information for Test/Certification purposes only

**1.1 Merchant Account**

* + Company Name: XXXXXX
  + Test PNS Merchant Number: XXXXXX
  + Terminal ID: **XXXX**
  + BIN Number: **XXXXX**
  + Case number: XXXXXXXX

**1.2 Virtual Terminal Login Credentials**

* + Virtual Terminal URL: XXXXXXXX
  + Virtual Terminal User Name: ***XXXXXXXXXX***
  + Password: **XXXXXXXX**

**1.3 Connectivity**

* + Connection Username & Password for API authentication

User Name: **XXXXXXXX**

Password: **XXXXXXXXXXXX**

* + 1. Email [OrbitalCertification@chasepaymentech.com](mailto:OrbitalCertification@chasepaymentech.com) to request Connection Username & Password if not already provided. Please include your test merchant number.
  + IP Authentication
    1. Only supported for legacy implementations or for special circumstances, please ask an Orbital Certification Analyst for details if you feel IP Authentication is necessary.
  + XML API Addresses (port 443 for both):
    1. Primary: [https://orbital**var**1.paymentech.net](https://orbitalvar1.paymentech.net)
    2. Secondary: [https://orbital**var**2.paymentech.net](https://orbitalvar2.paymentech.net)
  + Web Services (SOAP) API Addresses (port 443 for both):
    1. Primary: [https://ws**var**.paymentech.net/PaymentechGateway](https://wsvar.paymentech.net/PaymentechGateway)
    2. Secondary: [https://ws**var**2.paymentech.net/PaymentechGateway](https://wsvar2.paymentech.net/PaymentechGateway)

**1.4 Orbital Gateway Specifications (API’s)**

* + <http://download.chasepaymentech.com/>

**1.5 Contact Us**

* + Any Orbital Certification or testing related questions should be directed to the following email address. When contacting us, please include your test merchant number above:
    1. [OrbitalCertification@chasepaymentech.com](mailto:OrbitalCertification@chasepaymentech.com)
  + Production/Live system inquiries should be directed to Gateway Support.
    1. [GatewaySupport@chasepaymentech.com](mailto:GatewaySupport@chasepaymentech.com)

**\***Your **password** will be emailed separately to the Technical contacts email address. This email will be sent from [OrbitalGatewayLogons@ChasePaymentech.com](mailto:OrbitalGatewayLogons@ChasePaymentech.com). Please do not respond to this email address. Send any certification related questions to [OrbitalCertification@ChasePaymentech.com](mailto:OrbitalCertification@ChasePaymentech.com).

**Note:** The term “**var**” refers to the Orbital Test Environment.

# 2. Orbital Gateway Test Cases

**\*** Only perform the sections/transactions that apply to your business.If you do not support a specific feature complete the transaction and notate which feature was omitted from the transaction (ie. AVS or CVV), or if AVS or CVV are always required in your application simply add them to all transactions. Please note: Both AVS and CVD are highly recommended. If your business typically processes purchase cards (PC II and PC III) you may want to consider adding the purchase card level 2 data or level 3 for Visa and MasterCard only. Please see the credit card 101 document for more information about AVS, CVD and purchase card if needed. This document can be found on the download page at <http://download.chasepaymentech.com>

**\*** Please be sure to add any additional items to your transaction that you wish to support such as Comments or Soft Descriptors

**\*** Please email the completed Test Cases to [OrbitalCertification@chasepaymentech.com](mailto:OrbitalCertification@chasepaymentech.com).

**Specification & Version-** Please provide the Chase Paymentech specification used for your development.

|  |  |
| --- | --- |
| **Orbital Specification** | **Version** |
|  |  |

**End of Day Settlement:** Please tell us how you plan on settling your transactions at the end of the day.

Manually through the Virtual Terminal? \_\_\_\_\_\_\_\_\_

Auto-settle? \_\_\_\_\_\_\_\_\_

End of Day transaction? \_\_\_\_\_\_\_\_\_ What date and time was your attempt completed if you support End of Day XML Message? \_\_\_\_\_\_\_\_\_\_

**Section A – Auth Only, Mark For Capture, and Online Reversals Transactions:** The following transactions should be run as auth only with the information requested below. The Response values received should be recorded in the appropriate columns.

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | | | | |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amt** | **Auth Code** | **Resp Code** | **AVS**  **Resp** | | **CVV Resp** | **TxRefNum (40 character value in response)** |
| 1a | Visa - 4788|2500|0002|8291 | 11111 | 111 | 30.00 |  |  |  | |  |  |
| 1b | Void - Online Reversal |  |  | 30.00 |  |  |  | |  |  |
| 2 | Visa - 4788|2500|0002|8291 | L6L2X9 |  | 38.01 |  |  |  | |  |  |
| 3a | Visa –  4788|2500|0002|8291 | 22222 | 222 | 85.00 |  |  |  | |  |  |
| 3b | Mark For Capture |  |  | 85.00 |  |  |  | |  |  |
| 4 | Visa –  4788|2500|0002|8291 | 66666 |  | 0.00 |  |  |  | |  |  |
| 5a | Visa –  4788|2500|0002|8291 | 11111 | 555 | 125.00 |  |  |  | |  |  |
| 5b | Mark For Capture – Split Capture |  |  | 75.00 |  |  |  | |  |  |
| 6a | MC –  5454|5454|5454|5454 | L6L2X9 |  | 41.00 |  |  |  | |  |  |
| 6b | Void - Online Reversal |  |  | 41.00 |  |  |  |  | |  |
| 7 | MC –  5454|5454|5454|5454 | 88888 | 666 | 11.02 |  |  |  |  | |  |
| 8a | MC –  5454|5454|5454|5454 | L6L2X9 | 666 | 70.00 |  |  |  |  | |  |
| 8b | Mark For Capture |  |  | 70.00 |  |  |  |  | |  |
| 9a | MC –  5454|5454|5454|5454 | 55555 | 222 | 100.00 |  |  |  |  | |  |
| 9b | Mark For Capture - Split Capture |  |  | 60.00 |  |  |  |  | |  |
| 10 | MC –  5454|5454|5454|5454 | 88888 |  | 0.00 |  |  |  |  | |  |
| 11a | Amex –  3714|4963|5398|431 | L6L2X9 |  | 1055.00 |  |  |  |  | |  |
| 11b | Mark For Capture – Split Capture |  |  | 500.00 |  |  |  |  | |  |
| 12a | Amex –  3714|4963|5398|431 | 44444 |  | 55.00 |  |  |  |  | |  |
| 12b | Void - Online Rev not supported on Amex |  |  | 55.00 |  |  |  |  | |  |
| 13a | Amex –  3714|4963|5398|431 | 66666 | 2222 | 75.00 |  |  |  |  | |  |
| 13b | Mark For Capture |  |  | 75.00 |  |  |  |  | |  |
| 14 | Amex –  3714|4963|5398|431 | 22222 |  | 0.00 |  |  |  |  | |  |
| 15a | Discover –  6011|0009|9550|0000 | 77777 |  | 10.00 |  |  |  |  | |  |
| 15b | Mark For Capture |  |  | 10.00 |  |  |  |  | |  |
| 16a | Discover –  6011|0009|9550|0000 | 77777 |  | 15.00 |  |  |  |  | |  |
| 16b | Void - Online Reversal |  |  | 15.00 |  |  |  |  | |  |
| 17 | Discover –  6011|0009|9550|0000 | L6L2X9 | 444 | 63.03 |  |  |  |  | |  |
| 18 | Discover –  6011|0009|9550|0000 | 11111 |  | 0.00 |  |  |  |  | |  |
| 19 | JCB –  3566|0020|2014|0006 | 33333 |  | 29.00 |  |  |  |  | |  |

**Purchase Card Level II:** The following transactions should be run as **Auth-Only & Mark For Capture** with all required Purchase Card data elements. The Response values received should be recorded in the appropriate columns.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amt** | **Auth Code** | **Resp Code** | **TxRefNum (40 character value in response)** |
| 20 | Visa PC II, with tax - 4055|0111|1111|1111 | 22222 | 333 | 100.00 |  |  |  |
| 20a | Mark For Capture #20 |  |  |  |  |  |  |
| 21 | Visa PC II, tax not provided - 4055|0111|1111|1111 | 11111 | 111 | 110.00 |  |  |  |
| 21a | Mark For Capture #21 |  |  |  |  |  |  |
| 22 | MC PC II, with tax –  5405|2222|2222|2226 | 22222 | 222 | 120.00 |  |  |  |
| 22a | Mark For Capture #22 |  |  |  |  |  |  |
| 23 | MC PC II, tax not provided –  5405|2222|2222|2226 | 55555 | 555 | 130.00 |  |  |  |
| 23a | Mark For Capture #23 |  |  |  |  |  |  |

**Purchase Card Level III:** The following transactions should be run as **Auth-Only & Mark For Capture** with all required Purchase Card data elements. The Response values received should be recorded in the appropriate columns.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amt** | **Auth Code** | **Resp Code** | **TxRefNum (40 character value in response)** |
| 24 | Visa PC III, with tax - 4055|0111|1111|1111 | 22222 | 333 | 100.00 |  |  |  |
| 24a | Mark For Capture #24 |  |  |  |  |  |  |
| 25 | Visa PC III, tax not provided - 4055|0111|1111|1111 | 11111 | 111 | 110.00 |  |  |  |
| 25a | Mark For Capture #25 |  |  |  |  |  |  |
| 26 | MC PC III, with tax –  5405|2222|2222|2226 | 22222 | 222 | 120.00 |  |  |  |
| 26a | Mark For Capture #26 |  |  |  |  |  |  |
| 27 | MC PC III, tax not provided –  5405|2222|2222|2226 | 55555 | 555 | 130.00 |  |  |  |
| 27a | Mark For Capture #27 |  |  |  |  |  |  |

**Section B – Auth Capture and Online Reversals Transactions:** The following transactions should be run as auth capture with the information requested below. The Response values received should be recorded in the appropriate columns.

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | | | |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amt** | **Auth Code** | **Resp Code** | **AVS**  **Resp** | **CVD Resp** | **TxRefNum (40 character value in response)** |
| 1a | Visa - 4788|2500|0002|8291 | 11111 | 111 | 30.00 |  |  |  |  |  |
| 1b | Void - Online Reversal |  |  | 30.00 |  |  |  |  |  |
| 2 | Visa - 4788|2500|0002|8291 | L6L2X9 |  | 38.01 |  |  |  |  |  |
| 3 | Visa –  4788|2500|0002|8291 | 22222 | 222 | 85.00 |  |  |  |  |  |
| 4 | Visa –  4788|2500|0002|8291 | 11111 | 555 | 125.00 |  |  |  |  |  |
| 5a | MC –  5454|5454|5454|5454 | L6L2X9 |  | 41.00 |  |  |  |  |  |
| 5b | Void - Online Reversal |  |  | 41.00 |  |  |  |  |  |
| 6 | MC –  5454|5454|5454|5454 | 88888 | 666 | 11.02 |  |  |  |  |  |
| 7 | MC –  5454|5454|5454|5454 | L6L2X9 | 666 | 70.00 |  |  |  |  |  |
| 8 | MC –  5454|5454|5454|5454 | 55555 | 222 | 100.00 |  |  |  |  |  |
| 9 | Amex –  3714|4963|5398|431 | L6L2X9 |  | 1055.00 |  |  |  |  |  |
| 10a | Amex –  3714|4963|5398|431 | 44444 |  | 55.00 |  |  |  |  |  |
| 10b | Void – Online Rev not supported on Amex |  |  | 55.00 |  |  |  |  |  |
| 11 | Amex –  3714|4963|5398|431 | 66666 | 2222 | 75.00 |  |  |  |  |  |
| 12 | Discover –  6011|0009|9550|0000 | 77777 |  | 10.00 |  |  |  |  |  |
| 13a | Discover –  6011|0009|9550|0000 | 77777 |  | 15.00 |  |  |  |  |  |
| 13b | Void - Online Reversal |  |  | 15.00 |  |  |  |  |  |
| 14 | Discover –  6011|0009|9550|0000 | L6L2X9 | 444 | 63.03 |  |  |  |  |  |
| 15 | JCB –  3566|0020|2014|0006 | 33333 |  | 29.00 |  |  |  |  |  |

**Purchase Card Level II:** The following transactions should be run as **Auth-Capture** with all required Purchase Card data elements. The Response values received should be recorded in the appropriate columns.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amt** | **Auth Code** | **Resp Code** | **TxRefNum (40 character value in response)** |
| 21 | Visa PC II, with tax - 4055|0111|1111|1111 | 22222 | 333 | 100.00 |  |  |  |
| 22 | Visa PC II, tax not provided - 4055|0111|1111|1111 | 11111 | 111 | 110.00 |  |  |  |
| 23 | MC PC II, with tax –  5405|2222|2222|2226 | 22222 | 222 | 120.00 |  |  |  |
| 24 | MC PC II, tax not provided –  5405|2222|2222|2226 | 55555 | 555 | 130.00 |  |  |  |

**Purchase Card Level III:** The following transactions should be run as **Auth-Capture** with all required Purchase Card data elements. The Response values received should be recorded in the appropriate columns.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amt** | **Auth Code** | **Resp Code** | **TxRefNum (40 character value in response)** |
| 25 | Visa PC III, with tax - 4055|0111|1111|1111 | 22222 | 333 | 100.00 |  |  |  |
| 26 | Visa PC III, tax not provided - 4055|0111|1111|1111 | 11111 | 111 | 110.00 |  |  |  |
| 27 | MC PC III, with tax –  5405|2222|2222|2226 | 22222 | 222 | 120.00 |  |  |  |
| 28 | MC PC III, tax not provided –  5405|2222|2222|2226 | 55555 | 555 | 130.00 |  |  |  |

**Section C – Verify by Visa (VBV) & MasterCard SecureCode (MCSC)**

**Verified by Visa (VbV) – Auth Only:** The following transactions should be run as **Auth Only** using Verified By Visa data, with all standard transaction data including AVS and CVD. The transactions below attempted VbV authentication. The CAVV Values given represent the CAVV value returned from the issuer and are the Base 64 value.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | | |  | **Response Values** |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amount** | **AAV Value** | **ECI** | **CAVV Resp** | **TxRefNum (40 character value in response)** |
| 1 | Visa - 4788|2500|0002|8291 | 11111 | 111 | 30.00 | AAABAIcJIoQDIzAgVAkiAAAAAAA= | 5 |  |  |
| 2 | Visa –  4788|2500|0002|8291 | L6L2X9 | 222 | 38.00 | AAABCCMRERI0VniQEhERAAAAAAA= | 5 |  |  |
| 3 | Visa –  4788|2500|0002|8291 | 44444 | 333 | 41.00 | AAABCZkRERI0VniQEhERAAAAAAA= | 5 |  |  |
| 4 | Visa –  4788|2500|0002|8291 | 88888 | 666 | 11.00 | BwAQCZkRERI0VniQEhERAAAAAAA= | 6 |  |  |
| 5 | Visa –  4788|2500|0002|8291 | 55555 | 111 | 1055.00 | CAAQCZkRERI0VniQEhERAAAAAAA= | 6 |  |  |
| 6 | Visa - 4788|2500|0002|8291 | 66666 | 555 | 75.00 | BwABA4kRERI0VniQEhERAAAAAAA= | 6 |  |  |
| 7 | Visa - 4788|2500|0002|8291 | 11111 | 666 | 40.00 | Empty | 6 |  |  |

**MasterCard SecureCode (MCSC) – Auth Only:** The following transactions should be run as **Auth Only** using MasterCard SecureCode data, with all standard transaction data, including AVS and CVD. The transactions below attempted MCSC authentication. The AAV Values given represent the AVV value returned from the issuer and are the Base 64 value.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | | |  | **Response Values** |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amount** | **AAV Value** | **ECI** | **No AVV Response Returned** | **TxRefNum (40 character value in response)** |
| 1 | MC –  5454|5454|5454|5454 | 11111 | 111 | 30.00 | hsjuQljfl86bAAAAAACm9zU6aqY= | 5 |  |  |
| 2 | MC –  5454|5454|5454|5454 | L6L2X9 | 222 | 38.00 | Empty | 6 |  |  |
| 3 | MC –  5454|5454|5454|5454 | 44444 | 333 | 41.00 | Asju1ljfl86bAAAAAACm9zU6aqY= | 5 |  |  |

**Verified by Visa (VbV) – Auth Capture:** The following transactions should be run as **Auth Capture** using Verified By Visa data, with all standard transaction data including AVS and CVD. The transactions below attempted VbV authentication. The CAVV Values given represent the CAVV value returned from the issuer and are the Base 64 value.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | | |  | **Response Values** |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amount** | **AAV Value** | **ECI** | **CAVV Resp** | **TxRefNum (40 character value in response)** |
| 1 | Visa - 4788|2500|0002|8291 | 11111 | 111 | 30.00 | AAABAIcJIoQDIzAgVAkiAAAAAAA= | 5 |  |  |
| 2 | Visa –  4788|2500|0002|8291 | L6L2X9 | 222 | 38.00 | AAABCCMRERI0VniQEhERAAAAAAA= | 5 |  |  |
| 3 | Visa –  4788|2500|0002|8291 | 44444 | 333 | 41.00 | AAABCZkRERI0VniQEhERAAAAAAA= | 5 |  |  |
| 4 | Visa –  4788|2500|0002|8291 | 88888 | 666 | 11.00 | BwAQCZkRERI0VniQEhERAAAAAAA= | 6 |  |  |
| 5 | Visa –  4788|2500|0002|8291 | 55555 | 111 | 1055.00 | CAAQCZkRERI0VniQEhERAAAAAAA= | 6 |  |  |
| 6 | Visa - 4788|2500|0002|8291 | 66666 | 555 | 75.00 | BwABA4kRERI0VniQEhERAAAAAAA= | 6 |  |  |
| 7 | Visa - 4788|2500|0002|8291 | 11111 | 666 | 40.00 | Empty | 6 |  |  |

**MasterCard SecureCode (MCSC) – Auth Capture:** The following transactions should be run as **Auth Capture** using MasterCard SecureCode data, with all standard transaction data, including AVS and CVD. The transactions below attempted MCSC authentication. The AAV Values given represent the AVV value returned from the issuer and are the Base 64 value.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | | |  | **Response Values** |
| **#** | **Card** | **AVS Zip** | **CVD** | **Amount** | **AAV Value** | **ECI** | **No AVV Response Returned** | **TxRefNum (40 character value in response)** |
| 1 | MC –  5454|5454|5454|5454 | 11111 | 111 | 30.00 | hsjuQljfl86bAAAAAACm9zU6aqY= | 5 |  |  |
| 2 | MC –  5454|5454|5454|5454 | L6L2X9 | 222 | 38.00 | Empty | 6 |  |  |
| 3 | MC –  5454|5454|5454|5454 | 44444 | 333 | 41.00 | Asju1ljfl86bAAAAAACm9zU6aqY= | 5 |  |  |

**Section D – Return Transactions:** The following transactions should be completed as **Returns**, with all standard transaction data.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Request Values** | | |  | | **Response Values** |
| **#** | **Card** | **Amount** | **Approval Status** | **TxRefNum (40 character value in response)** | |
| 1a | Visa –  4788|2500|0002|8291 | 12.00 |  |  | |
| 1b | Void | 12.00 |  |  | |
| 2 | MC –  5454|5454|5454|5454 | 11.00 |  |  | |
| 3a | Amex –  3714|4963|5398|431 | 1055.00 |  |  | |
| 3b | Void | 1055.00 |  |  | |
| 4 | Discover –  6011|0009|9550|0000 | 10.00 |  |  | |
| 5 | JCB –  3566|0020|2014|0006 | 29.00 |  |  | |
| 6a | Visa – (Auth or Auth-Capture)  4788|2500|0002|8291 | 25.00 |  |  | |
| 6b | Visa – (Refund via Trx Ref # from 6a) | 25.00 |  |  | |
| 7a | MC – (Auth or Auth-Capture)  5454|5454|5454|5454 | 26.00 |  |  | |
| 7b | MC – (Refund via Trx Ref # from 7a)  5454|5454|5454|5454 | 26.00 |  |  | |

**Section E – Force:** The following transactions should be completed as voice auths/prior sales, with all standard transaction data, and additional information as requested. Use approval codes as listed in the table below.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | |  | **Response Values** | |
| **#** | **Card** | | **Amount** | **Auth Code** | **TxRefNum (40 character value in response)** | | |
| 1 | | Visa –  4788|2500|0002|8291 | 12.00 | 654544 |  | |
| 2a | | MC –  5454|5454|5454|5454 | 11.00 | 15X92Z |  | |
| 2b | | Void | 11.00 |  |  | |
| 3 | | Amex –  3714|4963|5398|431 | 1055.00 | 198543 |  | |
| 4a | | Discover –  6011|0009|9550|0000 | 10.00 | 098756 |  | |
| 4b | | Void | 10.00 |  |  | |
| 5 | | JCB –  3566|0020|2014|0006 | 29.00 | 8B957Y |  | |

**Section F – Retry Logic for Credit Cards:** When processing transactions over the internet, there is a risk that a response to a request will not be received. To address this problem and avoid duplicate authorizations, we offer additional functionality, Retry Logic. Retry logic is HIGHLY recommended. For more information please review the Retry Logic section of the Orbital Gateway API specification to which you are coding. Please follow the scripts below to certify for retry logic.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | |
| **#** | **Card** | **Amount** | **Order ID** | **Trace Number** | **Auth Code** | **Response** | **TxRefNum (40 character value in response)** |
| 1a | Visa – First Attempt  4788|2500|0002|8291 | 10.00 |  |  |  |  |  |
| 1b | Visa – Second Attempt | Same as First Attempt | Same as First Attempt | Same as First Attempt |  |  |  |
| 2a | MC – First Attempt  5454|5454|5454|5454 | 15.00 |  |  |  |  |  |
| 2b | MC – Second Attempt | Same as First Attempt | Same as First Attempt | Same as First Attempt |  |  |  |
| 3a | Amex – First Attempt  3714|4963|5398|431 | 20.00 |  |  |  |  |  |
| 3b | Amex – Second Attempt | Same as First Attempt | Same as First Attempt | Same as First Attempt |  |  |  |
| 4a | Discover – First Attempt  6011|0009|9550|0000 | 10.00 |  |  |  |  |  |
| 4b | Discover – Second Attempt | Same as First Attempt | Same as First Attempt | Same as First Attempt |  |  |  |
| 5a | JCB – First Attempt  3566|0020|2014|0006 | 100.00 |  |  |  |  |  |
| 5b | JCB – Second Attempt | Same as First Attempt | Same as First Attempt | Same as First Attempt |  |  |  |

**Section G - Customer Profiles** – Customer Profiles provides the ability for you store information about your customer on the Orbital Gateway. This simplifies transaction processing and eliminates the risk associated with the merchant storing sensitive information. Please see the specifications to learn more about Customer profiles. To certify for customer profiles, complete the scripts below.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | **Response Values** | |
| **#** | **Function** | **Card** | **Details** | **Customer Profile Number** | **Date/Time Completed Eastern Time Or TxRefNum** |
| 1a | Create | VI –  4788|2500|0002|8291 | Populate- Name, Address, City, State, Zip code and Email. |  | U.S. Eastern Date/Time here |
| 1b | Update | AX –  3714|4963|5398|431 | Update card from Visa to Amex |  | U.S. Eastern Date/Time here |
| 1c | Retrieve | Use Profile from 1a |  |  | U.S. Eastern Date/Time here |
| 1d | Auth Capture | Use Profile from 1a | Amount $45.00 |  | TxRefNum needed here |
| 1e | Refund | Use Profile from 1a | Amount $45.00 |  | TxRefNum needed here |
| 1f | Delete | Use Profile from 1a |  |  | U.S. Eastern Date/Time here |
| 2a | Create | MC –  5454|5454|5454|5454 | Populate – Name and Zip code |  | U.S. Eastern Date/Time here |
| 2b | Update | Discover –  6011|0009|9550|0000 | Add address and phone to profile |  | U.S. Eastern Date/Time here |
| 2c | Auth Only | Use Profile from 2a | Amount $25.00 –  Override address and Zip Code with new info. |  | TxRefNum needed here |
| 2d | Void | Use Profile from 2a | Amount $25.00 |  | TxRefNum needed here |
| 2e | Delete | Use Profile from 2a |  |  | U.S. Eastern Date/Time here |
| 3a | Create | AX –  3714|4963|5398|431 | Populate- Name, Address, City, State, Zip code, Email, Amount, and Managed Billing (Recurring or Deferred items) |  |  |
| 3b | Retrieve | Use Profile from 3a |  |  | U.S. Eastern Date/Time here |
| 4a | Create | MC –  5454|5454|5454|5454 | Populate- Name, Address, City, State, Zip code and Email. |  | U.S. Eastern Date/Time here |
| 4b | Update | MC –  5454|5454|5454|5454 | Add Managed Billing (Recurring or Deferred items), Amount $45.00 |  | U.S. Eastern Date/Time here |
| 5a | Create Profile via Auth-Only | Discover –  6011|0009|9550|0000 | Amount $65.00 –  Populate name, address, zip and phone number. |  | TxRefNum needed here |
| 5b | Auth-Only | Use Profile from 5a |  |  | TxRefNum needed here |
| 5c | Void | Use Profile from 5a |  |  | TxRefNum needed here |
| 6 | Create Profile via Auth-Only | VI –  4788|2500|0002|8291 | Populate- Name, Address, City, State, Zip code, email, and Managed Billing (Recurring or Deferred items), Amount $70.00 |  | TxRefNum needed here |
| 7a | Create Profile via Auth-Capture | MC –  5454|5454|5454|5454 | Amount $ 40.00 –  Populate name, address and zip. |  | TxRefNum needed here |
| 7b | Auth-Capture | Use Profile from 7a |  |  | TxRefNum needed here |
| 7c | Refund | Use Profile from 7a |  |  | TxRefNum needed here |
| 8a | Create Profile via Auth-Capture | AX –  3714|4963|5398|431 | Populate- Name, Address, City, State, Zip code, email, and Managed Billing (Recurring or Deferred items), Amount $80.00 |  | TxRefNum needed here |
| 8b | Retrieve | Use Profile from 8a |  |  | U.S. Eastern Date/Time here |
| 9 | Auth Only or Auth Capture | Use Profile 45461SAAX | Error Processing |  | TxRefNum needed here |

**Section H – Gift Card Transactions (Chase Paymentech Gift Card Program)**: The following transactions should be run as indicated, with all standard transaction data, and additional information as requested. The response code received should be recorded in the appropriate column. CVD is required on all Redemptions and Balance Inquires.

**Note:** TestGift Card numbers will be provided by an Orbital Certification Analyst upon request as well as \*Prior Auth Codes if you will be supporting Priors.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | **Response Values** | | | |
| **#** | **Transaction Description** | **Amount** | **Auth Code** | | **Resp Code** | **TxRefNum (40 character value in response)** |
| 1 | **Prior** Activation | 25.00 | | \* |  |  |
| 2 | **Prior** Issuance / Add Value | 5.00 | | \* |  |  |
| 3 | Issuance / Add Value | 20.00 | | \* |  |  |
| 4 | Void Issuance # 3 | 20.00 | | \* |  |  |
| 5 | **Prior** Redemption | 10.00 | | \* |  |  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | | |
| **#** | **Transaction Description** | | | **Amount** | **Auth Code** | | **Resp Code** | **TxRefNum (40 character value in response)** |
| 1 | | Activation | 90.00 | | |  |  |  |
| 2 | | Redemption w/ CVD2 | 45.00 | | |  |  |  |
| 3 | | Issuance / Add Value | 30.00 | | |  |  |  |
| 4 | | Balance Inquiry w/ CVD2 | NA | | |  |  |  |
| 5 | | Deactivation | NA | | |  |  |  |
| 6 | | Reactivation | 10.00 | | |  |  |  |
| 7 | | Redemption w/ CVD2 | 1.00 | | |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | |
| **#** | **Transaction Description** | | | **Amount** | **Auth Code** | **Resp Code** | **TxRefNum (40 character value in response)** |
| 1 | | Issuance / Add Value | 60.00 | |  |  |  |
| 2 | | Redemption w/ CVD2 | 30.00 | |  |  |  |
| 3 | | Issuance / Add Value | 5.00 | |  |  |  |
| 4 | | Balance Inquiry w/ CVD2 | NA | |  |  |  |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Request Values** | | | | | **Response Values** | | |
| **#** | **Transaction Description** | | | **Amount** | **Auth Code** | **Resp Code** | **TxRefNum (40 character value in response)** |
| 1 | | Block Activation (10 cards at $5 each) | $50.00 | |  |  |  |

# 3. Appendix A

## 3.1. Certification Support Information

**3.1.1 Contact Us**

* + Any Orbital Certification or testing related questions should be directed to the below email address. When contacting us, please include your test merchant number.
    1. [OrbitalCertification@chasepaymentech.com](mailto:OrbitalCertification@chasepaymentech.com)
  + Production/Live system inquiries should be directed to Gateway Support.
    1. [GatewaySupport@chasepaymentech.com](mailto:GatewaySupport@chasepaymentech.com)

## 3.2. General Certification Information

**3.2.1 Test System Availability**

* + The system is monitored from 8am to 5pm ET, Monday-Friday. Issues that occur during off hours will be reviewed on the following business day.
  + Chase Paymentech’s test system is available 24 hours a day, 7 days a week.

**3.2.2 Timeframes**

All timeframes listed below are an estimate of Chase Paymentech response times during the certification process. Time required for your own development is NOT included in these timeframes. Expectations for certification and live dates should be set accordingly.

* + Authentication setup (Connection Username & Password or IP additions) are typically completed the same business day, but may take up to 2.
  + 1st Pass Test Case Review Period: 7 Business Days or less
  + Additional Test Case Review Period: 48 hours or less
  + Questions not requiring escalation or research will receive responses within 24 hours or less depending on volume.
  + Questions that must be escalated or researched may exceed 24 hours.

**3.2.3 Inactivity**

Testing should be completed within 90 days to avoid any potential login issues that may occur. In addition to your username expiring after 90 days of inactivity the specs as well as the Supplemental Guidelines and Test Cases are subject to change.

## 3.3. Certification Instructions

To certify your Interface/Integration to the Orbital Gateway the following steps need to be followed. The format of the test transactions must comply with the Orbital Gateway API specifications. These specifications can be found on our Integration Library at <http://download.chasepaymentech.com/>

**Step 1.** **Determining your Authentication method** – It is essential that an Authentication method is determined. Without determining this, you will not be able to successfully connect to the Orbital Gateway. We offer two options, Connection Username and Password or IP Authentication *(IP Authentication requires certification analyst approval)*. If this was not already determined when the Orbital Certification Questionnaire was submitted, you can send us an email at [OrbitalCertification@Chasepaymentech.com](mailto:OrbitalCertification@Chasepaymentech.com) with the following info listed below.

* + Test Merchant Number
  + Authentication method you are requesting. If IP, please provide your web traffic’s outbound IP address (this may be different than your site IP).

**Step 2.** **Testing** – It is important to conduct your own testing before running the certification Test Cases. This will ensure you can connect successfully as well as vet out any potential issues but this is NOT the official certification testing required to complete certification.

**Step 3. Settlement** – Settlement should be determined prior to completing certification. All transactions Marked for Capture will need to be settled in order to be funded. You have three options below.

* + **Auto Settle** – The Orbital Gateway will automatically settle all transactions at a scheduled time. This time is chosen by the merchant and is performed in their local time zone. If this was not set up during the application process please contact the production helpdesk.

**Note**: By default, all Orbital Test Accounts are setup to Auto Settle at 5:00am EST.

* + **End Of Day XML Message** – The merchant application can generate this XML request that will cause an EOD to occur.
  + **Virtual Terminal Manual Settle** – You can manually initiate settlement through the Virtual Terminal.

**Step 4.** **Test Cases** – When you are ready. Complete the official Test Cases. When you have completed your supported Test Cases and filled in the response information please email this completed document to [OrbitalCertification@Chasepaymentech.com](mailto:OrbitalCertification@Chasepaymentech.com). You will be contacted in 7 business days or less with feedback. From there you will work with a dedicated analyst who will guide you through the rest of the certification process and transition to the production environment.

# 4. Appendix B

## 4.1. Orbital Gateway Testing Information

**Authorization Responses:**

**Trigger Amounts:** \*This is our most current list of trigger amounts setup on our TEST host only and may not be 100% accurate, if you have any questions please contact Orbital Certification. These trigger amounts will not apply to the live environment.

|  |  |  |  |
| --- | --- | --- | --- |
| **Amount** | **RespMsg** | **HostRespCode** | **Comments** |
| $3.00 | No Response | n/a | Mimics a time-out |
| $155.00 | No Response | n/a | Mimics a time-out |
| $x.01 | AUTH DECLINED | 05 |  |
| $x.02 | CALL VOICE OPER | 01 |  |
| $x.03 | HOLD - CALL | 04 |  |
| $x.04 | CALL VOICE OPER | 19 |  |
| $x.05 | INVALID CARD NUMBER | 14 |  |
| $x.06 | INVALID EXPIRY DATE | 54 |  |
| $x.07 | INVALID ICA NUMBER | 15 |  |
| $x.08 | INVALID ABA NUMBER | 15 |  |
| $x.09 | INVALID PIN | 38 |  |
| $x.10 | INVALID MERCHANT | 03 |  |
| $x.11 | INVALID TERMINAL NUMBER | 03 |  |
| $x.12 | INVALID AMOUNT | 13 |  |
| $x.13 | INVALID STATE CODE | 12 |  |
| $x.14 | INVALID TRAN FORMAT | 01 |  |
| $x.15 | CALL VOICE OPER | 01 |  |
| $x.16 | LOST / STOLEN CARD | 43 |  |
| $x.17 | INVALID PIN | 38 |  |
| $x.18 | OVER CREDIT FLOOR | 01 |  |
| $x.19 | \*REQUEST DENIED\* | 05 |  |
| $x.20 | NOT ONLINE TO AUTH | 01 |  |
| $x.21 | APPL ERR SAODSP 0021 | 05 |  |
| $x.22 | APPL ERR SAODSP 0022 | 05 |  |
| $x.23 | APPL ERR SAODSP 0023 | 05 |  |
| $x.24 | APPL ERR SAODSP 0024 | 05 |  |
| $x.25 | APPL ERR SAODSP 0025 | 05 |  |
| $x.59 | DECLINED PER CARDHOLDER | 17 |  |
| $x.92 | APPL ERR SAODSP 0092 | 05 |  |
| $x.93 | APPL ERR SAODSP 0093 | 05 |  |
| $x.94 | APPL ERR SAODSP 0094 | 05 |  |
| $x.97 | APPL ERR SAODSP 0097 | 05 |  |
| $x.98 | APPL ERR SAODSP 0098 | 05 |  |
| $x.99 | APPL ERR SAODSP 0099 | 05 |  |
| $19.58 | returns a D in the Auth Code |  | VISA ONLY |
| > $99999.99 | INVALID FIELD IN MESSAGE | 30 | PNS Host max amount is 99999.99 |
| $98.26-98.91 | PSERV=N; Downgrade Reason = NP |  | VISA ONLY |
| < $1 | INVALID AMOUNT | 13 | DISCOVER ONLY |

**CVD & AVS Responses:**

|  |  |  |
| --- | --- | --- |
| **Card Verification Data (CVD**) | |  |
| **CVD Entry** | **Description** | **Response Code** |
| 111 | Match. | M |
| 222 | No Match. | N |
| 333 | Not Processed. | P |
| 444 | Should have been present. | S |
| 555 | Issuer unable to process request. | U or N |
| 666 | None | None |
| 777 | Decline Tran | N |
| 2222 | Match (Amex only) | Y or M |
| 1111 | No Match (Amex only) | N |
| 9999 | Not Processed (Amex only) | U |
| Unknown |  | N |
|  |  |  |

**Address Verification Services (AVS)**

|  |  |  |
| --- | --- | --- |
| **AVS Zip** | **AVS Response** | **Response** |
| 11111 | F | Zip No Match / Zip4 No Match / Locale match |
| 33333 | G | No match at all |
| 44444 | 6 | System unavailable or time-out |
| 55555 | 7 | Address information unavailable |
| 66666 | H | Zip Match / Locale match |
| 77777 | X or Z | Zip Match / Locale no match |
| 88888 | 4 | Issuer does not participate in AVS |
| L6L2X9 |  | Different values will be kicked back for this postal code |

**Credit Card Test Numbers:**

* + **Visa:** 4788|2500|0002|8291
  + **Visa Purchasing Card II/III:** 4055|0111|1111|1111
  + **MasterCard:** 5454|5454|5454|5454
  + **MasterCard Purchasing Card II/III:** 5405|2222|2222|2226
  + **American Express:** 3714|4963|5398|431
  + **Discover:** 6011|0009|9550|0000
  + **Diners:** 3643|8999|9600|16
  + **JCB:** 3566|0020|2014|0006

**Note:** Any expiration date can be used for each of these cards, as long as it is after the testing date

## 4.2. Chase Paymentech Seal Information

As a convenience to our online merchants, a Payments Processed by Chase Paymentech seal has been created for placement on shopping carts and payment pages. For more information on this please visit <https://www.chasepaymentech.com/seal/>.

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