This tool is to generate the 7 card files in the standard format.

To Configure

1. Issuer Configuration(/Configuration/issuerconfig.conf)

This file is populated in the following format with each value separated with “,”. You can reference the file in the default installation.

|  |  |  |  |
| --- | --- | --- | --- |
| Var name | Parameters | Specification | Nullable |
| accountID | Account Number | Alphanumeric 28 characters | No |
| accountType | Account type | Numeric 2 digits | No |
| customerID | Customer ID | Alphanumeric 25 characters | Yes |
| cardHolderFName | Cardholder first name | Alphanumeric 20 characters | Yes |
| cardHolderMName | Cardholder middle name | Alphanumeric 10 characters | Yes |
| cardHolderLName | Cardholder last name | Alphanumeric 20 characters | Yes |
| nameOnCard | Cardholder Name on Card | Alphanumeric 26 characters | No |
| cardHolderAddress | Cardholder address(Populated if it will be unique or 1 if FIN address should be used) | Alphanumeric 30 characters | Yes |
| cardHolderCity | Card holder city(Populated if it will be unique or 1 if FIN city should be used) | Alphanumeric 20 characters | Yes |
| cardHolderCountry | Card holder country(Populated if it will be unique or 1 if FIN country should be used) | Alphanumeric 3 characters | Yes |
| cardHolderVIPStatus | Card holder VIP status(Populated if it will be unique or 1 if FIN default value should be used) | Numeric <= 3 digits | Yes |

Note the specification of the field and the nullable flag. If a field is set as nullable, it must be populated.

The content

1. Last card Number(/Configuration/lastcard.conf)

**This file is populated only during the setup of the application with the first card number in the BIN without the luhn digit.** Hence, if the BIN is for a 16 Digit PAN, the value in this file is a 15 digit number.

E.G.

BIN = 506125

PAN length = 16

File content = 506125000000000

It is incremented after successful card file generation to show the last card generated.

To carry out card production

Input parameters

Create a file(/Input/customerrecords.txt) that is populated in the following format. The values are comma separated.

|  |  |  |  |
| --- | --- | --- | --- |
| Var name | User Config | Specification | Nullable |
| BIN | BIN | Numeric 6 digits | No |
| PANLength | PAN length | Numeric 2 digits | No |
| cardStatus | Card status | Numeric 1 digit | No |
| currency | Currency | Numeric 3 digits | No |
| cardProgram | Card Program | Alphanumeric <=20 characters | No |
| discretionaryData | Discretionary Data | Alphanumeric <=13 characters | No |
| cardDuration | Duration of Card(years) | Numeric 1 digit | No |
| FINAddress | Financial Institution address | Alphanumeric <=30 characters | No |
| FINCity | Financial Institution city | Alphanumeric <=20 characters | No |
| FINCountry | Financial Institution country | Alphanumeric 3 characters | No |
| mailerDest | Mailer destination | Numeric <=3 digits | No |
| FINVIPStatus | Financial Institution's default VIP status | Numeric <= 3 digits | No |

Run the application

From Command prompt, navigate to the directory and use the command ***python CardFileGen.py*** to run the application. You can retrieve the output from the Output directory.