

Ultimate BINfinder

& CREDIT CARD NUMBER GENERATOR

2015

BIN finder

& credit card number generator

For Windows

USER MANUAL

Version 1.0.0 – February 4th, 2015

This document shall be reviewed as needed. To obtain the latest version go to WorldBINs.com

Developed by: WorldBINs.com

TABLE OF CONTENTS



0 - INITIAL CONSIDERATIONS

1 - DOWNLOAD

2 - INSTALLATION

3 - INTERFACE DESCRIPTION AND USE

4 - UPDATES

5 - UNINSTALL

ADDENDUM



INITIAL CONSIDERATIONS

The information described in this document provides the information needed to download, install and use **Bin Finder** and *Credit Card Generator Number application* for Windows.

The described application is an essential tool in helping to prevent fraud, identity theft, and establishing security of card programs.

SYSTEM REQUIREMENTS

- Operative System: Windows XP, Windows Vista, Windows 7 or Windows 8
- RAM: 1GB minimum
- Available disk space: 3 MB
- Internet connection.

1

DOWNLOAD



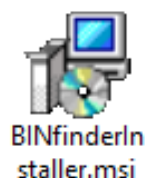
In order to get the latest version, please visit www.WorldBins.com. Go to downloads and copy the installation package on your computer.

2

INSTALLATION



Once saved in your disk, perform a double click under the file BINfinderInstaller.msi

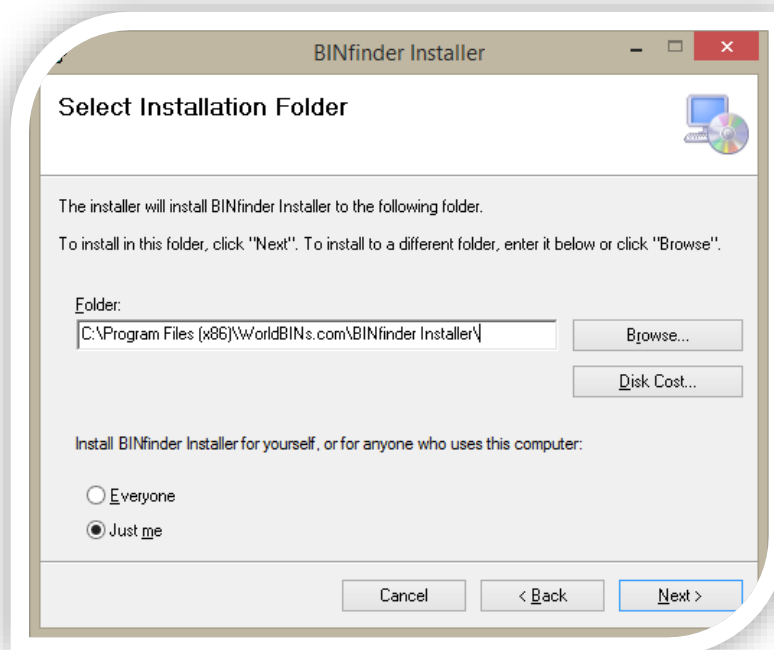


You must have administrative privileges to install the application.

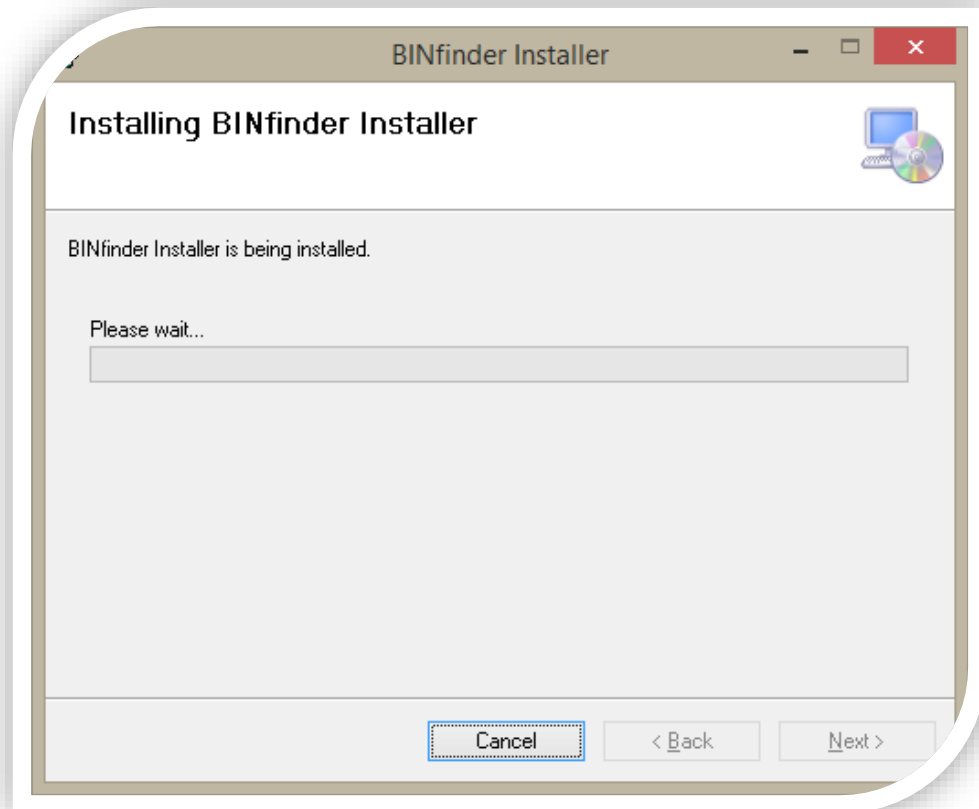
The installer will be launched, click on next



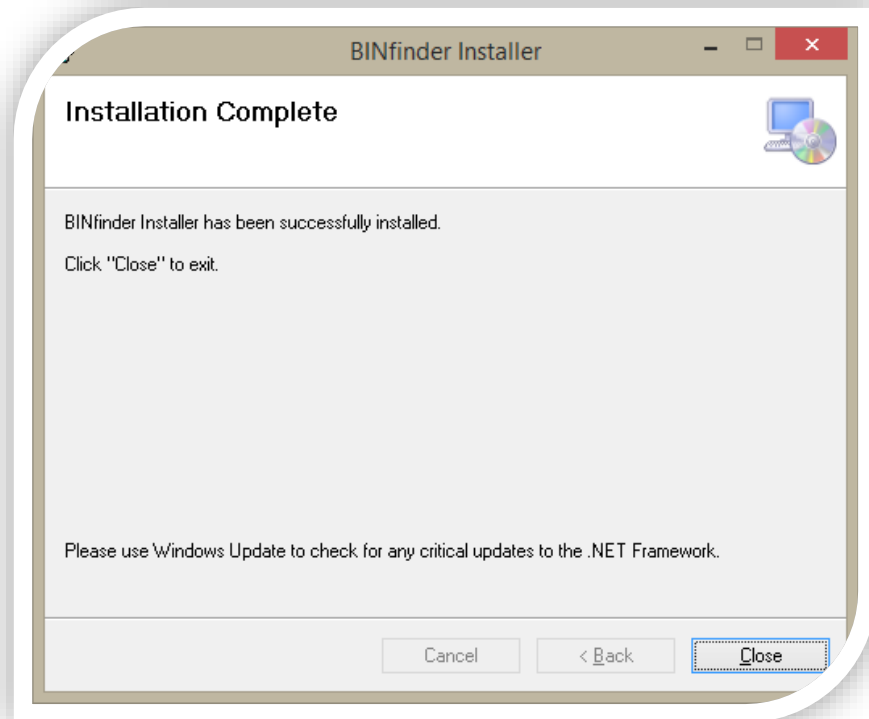
Use the default folder or select the one you prefer:



The installation starts copying files into your disk, please wait:

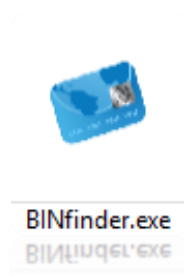


After few seconds the next window will be presented:



Click on Close.

An icon like this is created in your computer Desktop



If that is not the case, locate the application in the following folder:

C:\Program Files\WorldBINs\BINfinder\

Or

C:\WorldBINs\BINfinder



Depending of the version of your operative system, the Program Files folder might be different.

Then, locate the file BINfinder.exe, perform a right click and select create a Shortcut, answer yes to the question asking you to create the shortcut on Desktop.

3

INTERFACE DESCRIPTION AND USE



Open

To load the application, go to C:\WorldBINs\BINfinder\ and then click on the icon named [BINfinder.exe](#)

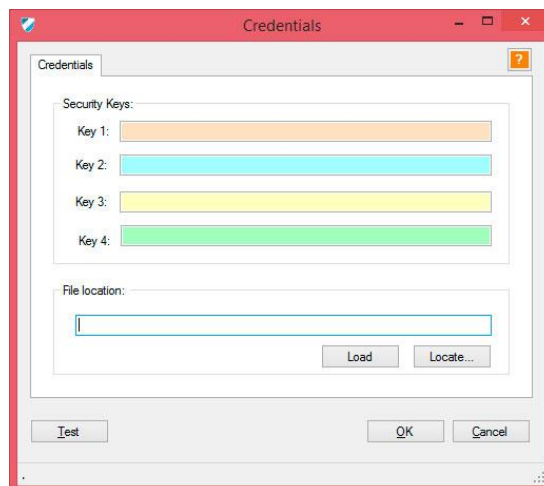
The application will load after few seconds.

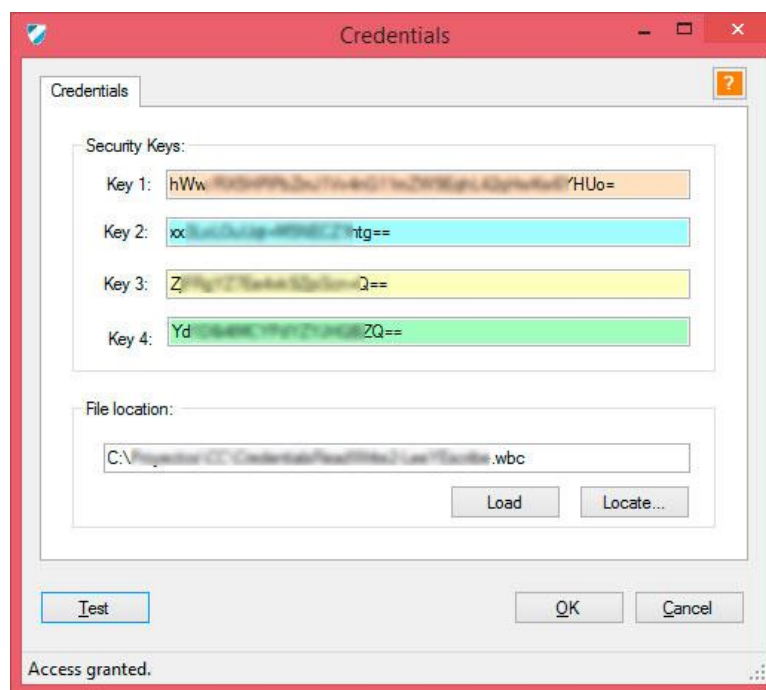
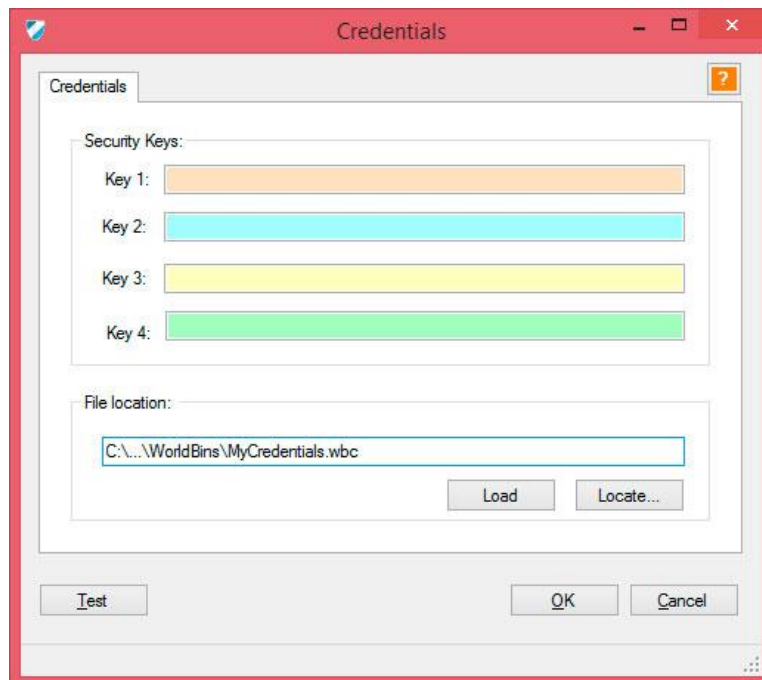
2 INTRODUCE CREDENTIALS

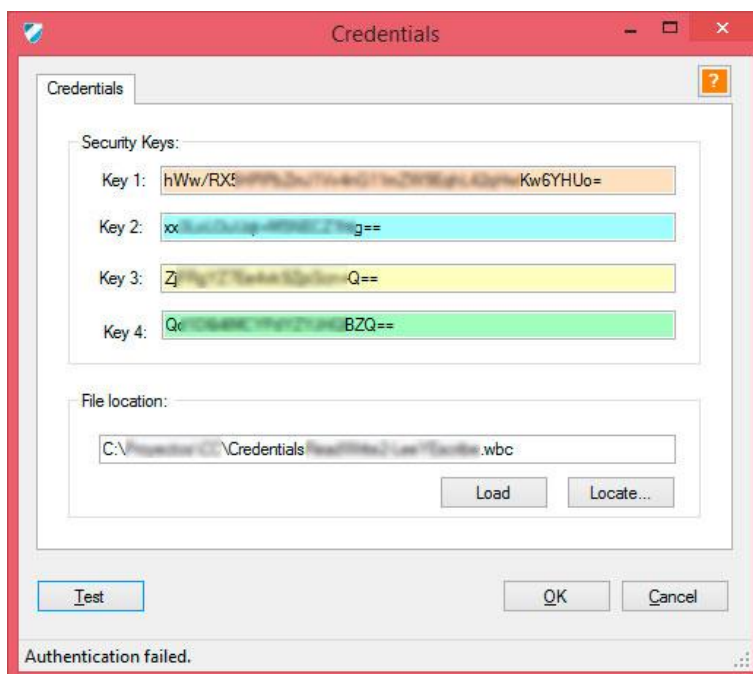
Before the application is operative, credentials must be introduced.

To obtain a license go to WorldBins.com

During its very first use the application will ask for credentials to be entered. Type or provide the file that contains the information required, otherwise the application will not work.







3 APPLICATION MODES

The application can run in two different modes:

Test and Full.

The difference between them is that for Testing or evaluation purposes, part of the information will be presented partially (or masked), in some cases one or more features will not be available. In order to upgrade from TEST to FULL mode simply follow the link provided by the application when it is running on TEST mode.

BIN Finder & Generator :: WorldBINs ::

File Project Help

Finder Filter Generator Globalizer

Credit Card Number, PAN or BIN: ☐ Show characters.

Luhn algorithm validation:

BIN information:

Card Issuer:

Country Name:

Currency Id:

Currency Name:

Card Type:



Card size:


BIN 1:

BIN 2:

Card Code:

Country Code:



Ready! | App.Mode: Full | Profile: profile1_2015

4 INTERFACE

The screenshot shows the 'BIN Finder & Generator' application window. The title bar reads 'BIN Finder & Generator :: WorldBINs ::'. The menu bar includes 'File', 'Project', and 'Help'. Below the menu bar are four tabs: 'Finder' (selected), 'Filter', 'Generator', and 'Globalizer'. The main interface is divided into two columns. The left column contains a text input field labeled 'Credit Card Number, PAN or BIN:' with a 'Show characters' checkbox to its right, and a larger text area labeled 'Luhn algorithm validation:'. The right column, titled 'BIN information:', contains several input fields: 'Card Issuer:', 'Country Name:', 'Currency Id:', 'Currency Name:', 'Card Type:', 'Card size:', 'BIN 1:', 'BIN 2:', 'Card Code:', and 'Country Code:'. At the bottom of the left column are two icons: a checkmark and a building. The bottom of the right column features the 'WorldBINs' logo. A status bar at the very bottom displays 'Ready! | App.Mode: Full | Profile: profile1_2015'.

USE



BIN Finder

In the field “Credit Card Number or BIN” you have two possibilities as entry:

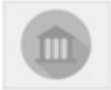
- To introduce de PAN
- Or the BIN

In the first scenario, only the first 6 digits are entered (i. e. *455555*)

The screenshot shows the 'BIN Finder & Generator' application window. The title bar reads 'BIN Finder & Generator :: WorldBINs ::'. The menu bar includes 'File', 'Project', and 'Help'. Below the menu bar are four tabs: 'Finder' (selected), 'Filter', 'Generator', and 'Globalizer'. The 'Finder' tab contains two main sections. The left section, titled 'Credit Card Number, PAN or BIN:', has a text input field containing '455555' and a checkbox labeled 'Show characters.' which is checked. Below this is a 'Luhn algorithm validation:' section with a large empty text area. The right section, titled 'BIN information:', displays various fields with their corresponding values: 'Card Issuer: SANTANDER CONSUMER BANK AG', 'Country Name: Germany', 'Currency Id: 978', 'Currency Name: Euro', 'Card Type: VISA CREDIT', 'Card size: 16-19', 'BIN 1: 455555000000', 'BIN 2: 455555999999', 'Card Code: CN', and 'Country Code: DE'. At the bottom of the 'Finder' tab are two circular icons: one with a checkmark and one with a building. The 'WorldBINs' logo is also present. The status bar at the bottom of the window reads 'BIN was found. | App.Mode: Full | Profile: profile1_2015'.

The other possibility is to introduce a credit card number is as showed in the following image;

The screenshot shows the 'BIN Finder & Generator' application window. The title bar reads 'BIN Finder & Generator :: WorldBINs ::'. The menu bar includes 'File', 'Project', and 'Help'. Below the menu bar are tabs for 'Finder', 'Filter', 'Generator', and 'Globalizer', with 'Finder' being the active tab. The main interface is divided into two main sections. On the left, under the 'Finder' tab, there is a text input field labeled 'Credit Card Number, PAN or BIN:' containing the number '41523 1748'. To the right of this field is a checkbox labeled 'Show characters.' which is checked. Below this is a 'Luhn algorithm validation:' section showing the result 'PASS' in green text. At the bottom of this section are two buttons: a green circle with a white checkmark (the 'check BIN' button) and a grey circle with a white building icon. On the right side of the window, the 'BIN information:' section displays various details in a form-like layout: 'Card Issuer:' is 'BBVA BANCOMER S.A.', 'Country Name:' is 'Mexico', 'Currency Id:' is '484', 'Currency Name:' is 'Mexican Peso', 'Card Type:' is 'ELECTRON', 'Card size:' is '16-19', 'BIN 1:' is '415231000000', 'BIN 2:' is '415231999999', 'Card Code:' is 'CN', and 'Country Code:' is 'MX'. At the bottom right of this section is the 'WorldBINs' logo. The status bar at the very bottom of the window reads 'BIN was found. | App.Mode: Full | Profile: profile1_2015'.

When a valid number has been introduced, the check BIN button  will be enabled. By clicking this button, the application will connect to the servers and retrieve the information, if any, related to the number introduced.

The results will be presented at the right.

Validation of a Credit Car Number

When a number has been introduced, it will be also possible to validate if the number in question fulfils the Luhn algorithm or Luhn formula (also called



Mod10). For this, click on the checkmark button and then, the result will be presented on section “Luhn algorithm section”.

The screenshot shows the 'BIN Finder & Generator' application window. The 'Finder' tab is active, displaying a form for entering credit card details. The 'Credit Card Number, PAN or BIN' field contains '41523' and '1748'. The 'Luhn algorithm validation' section shows 'PASS'. The 'BIN information' section lists the following details:

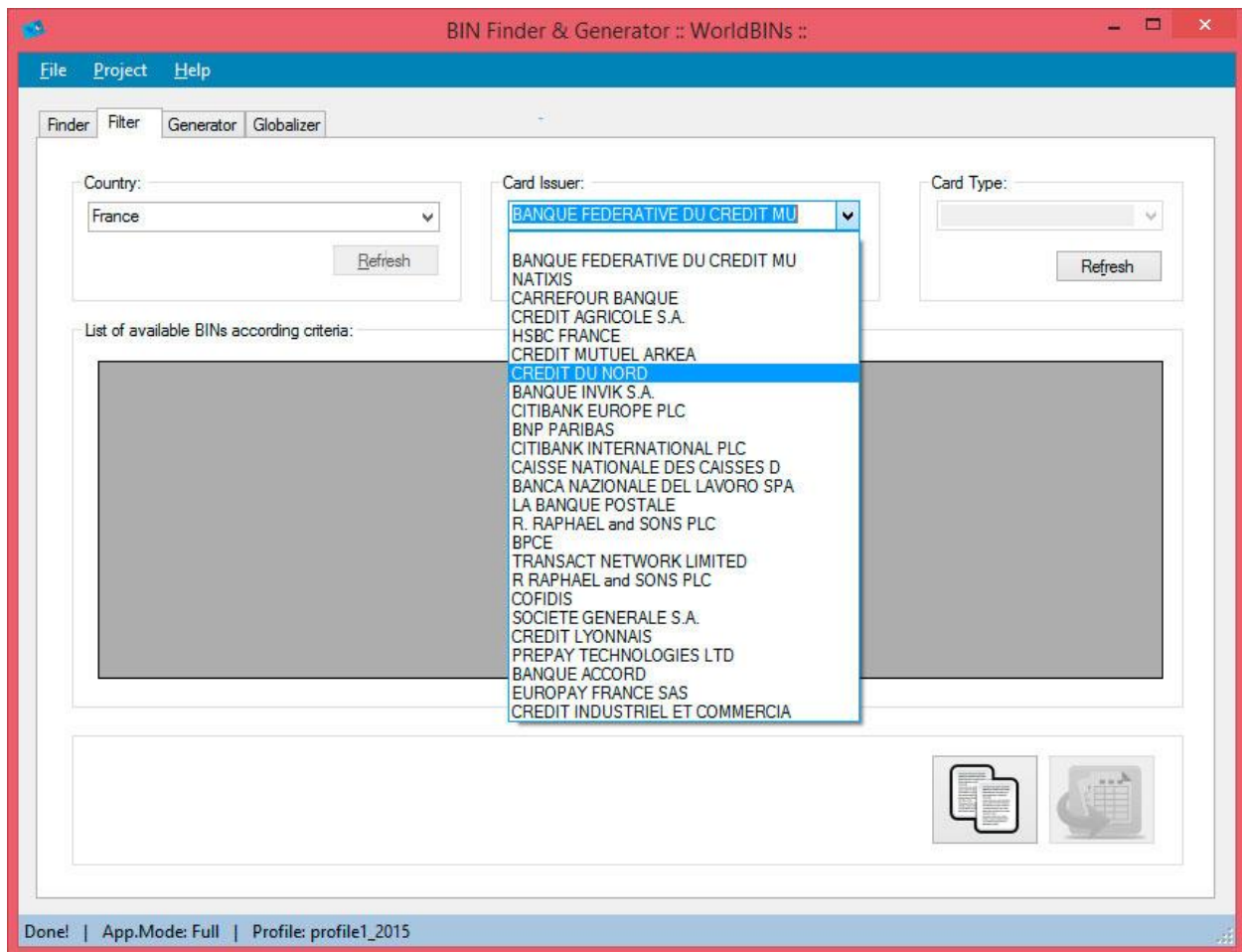
BIN information:	
Card Issuer:	BBVA BANCOMER S.A.
Country Name:	Mexico
Currency Id:	484
Currency Name:	Mexican Peso
Card Type:	ELECTRON
Card size:	16-19
BIN 1:	415231000000
BIN 2:	415231999999
Card Code:	CN
Country Code:	MX

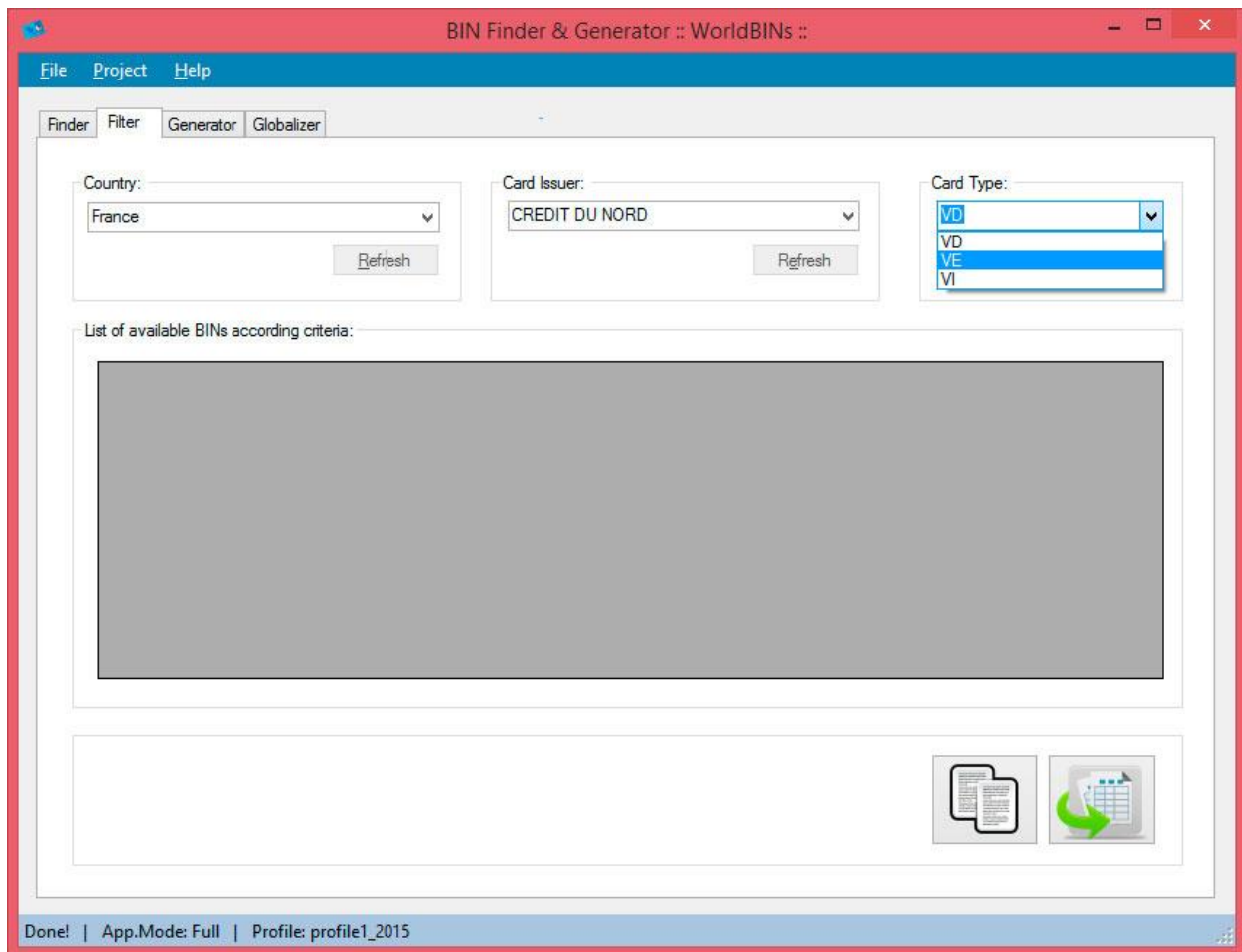
The application footer displays: BIN was found. | App.Mode: Full | Profile: profile1_2015

2 Filter

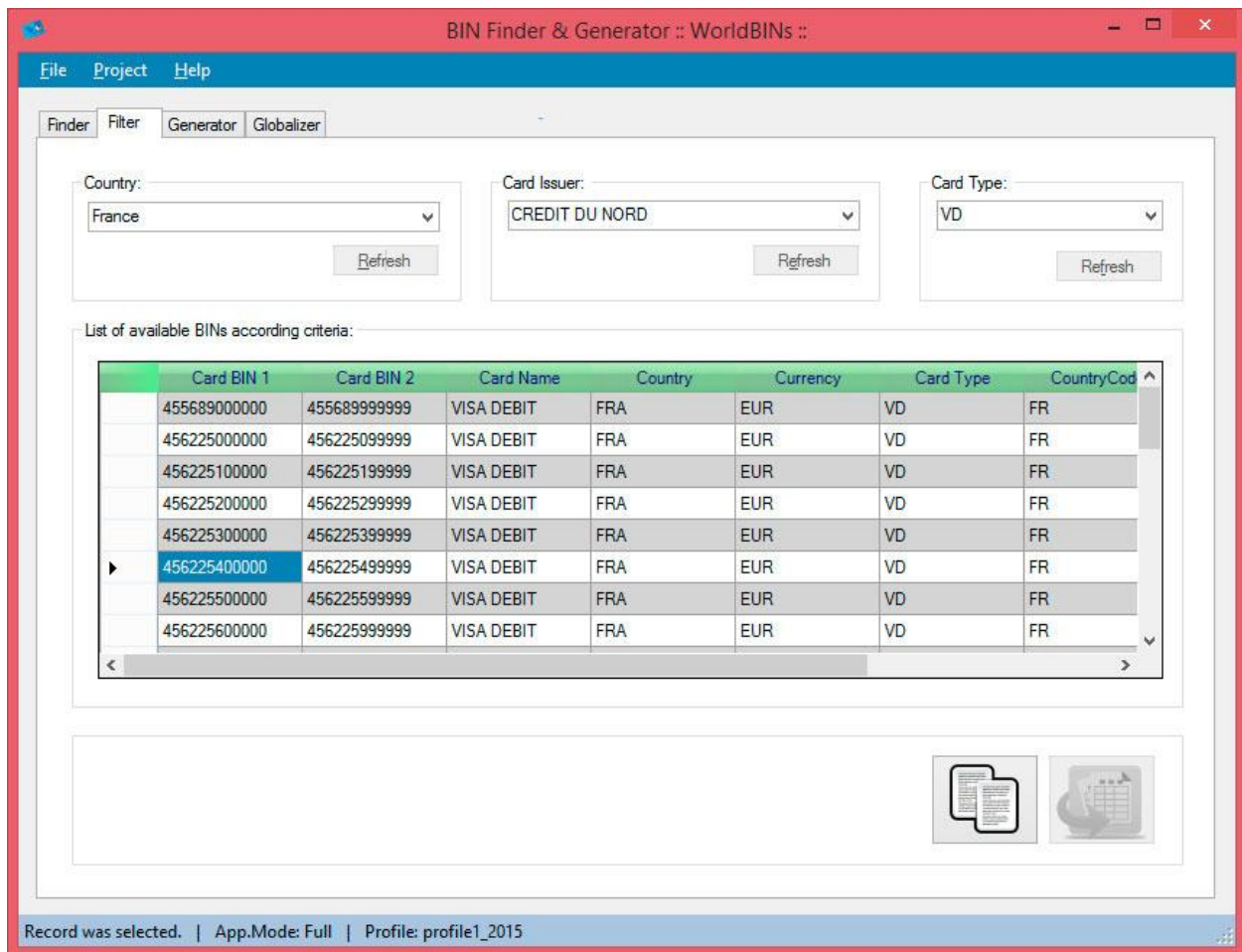
In this section BINs will be presented according the following criteria
Country, Financial institution and Card Type.

For example: Canada, Nova Scotia Bank, VI (VISA)



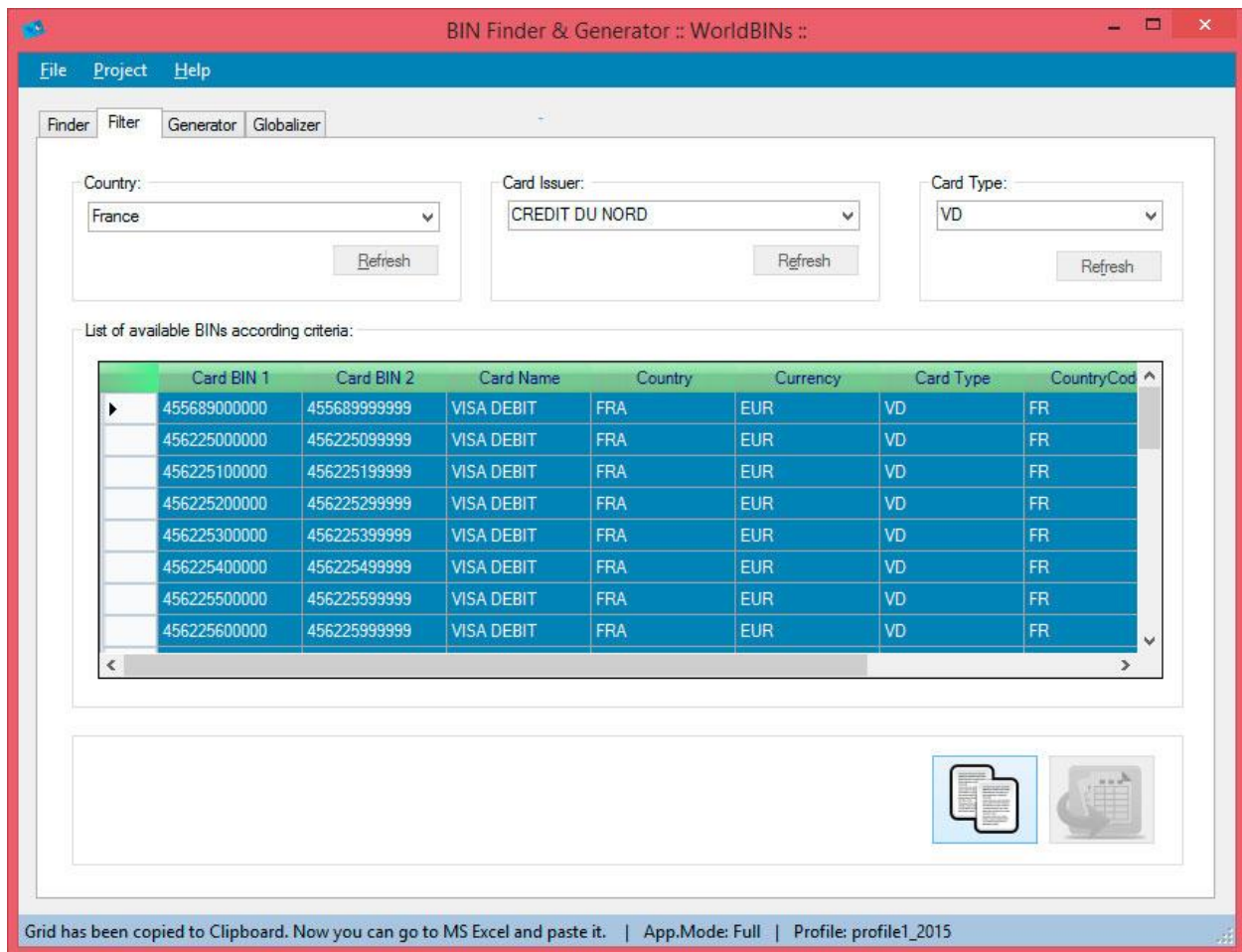


To show results simply click on the button  .



To copy the results into the clipboard and then to Microsoft Excel, click on the

button 



When a double click is performed under one of the BINs, the information is transferred into the next Tab, The purpose will be to generate numbers corresponding the selected BIN.

BIN Finder & Generator :: WorldBINs ::

FileProjectHelp

FinderFilterGeneratorGlobalizer



Country:
France
Refresh

Card Issuer:
CREDIT DU NORD
Refresh

Card Type:
VD
Refresh

List of available BINs according criteria:

	Card BIN 1	Card BIN 2	Card Name	Country	Currency	Card Type	CountryCod
▶	455689000000	455689999999	VISA DEBIT	FRA	EUR	VD	FR
	456225000000	456225099999	VISA DEBIT	FRA	EUR	VD	FR
	456225100000	456225199999	VISA DEBIT	FRA	EUR	VD	FR
	456225200000	456225299999	VISA DEBIT	FRA	EUR	VD	FR
	456225300000	456225399999	VISA DEBIT	FRA	EUR	VD	FR
	456225400000	456225499999	VISA DEBIT	FRA	EUR	VD	FR
	456225500000	456225599999	VISA DEBIT	FRA	EUR	VD	FR
	456225600000	456225699999	VISA DEBIT	FRA	EUR	VD	FR

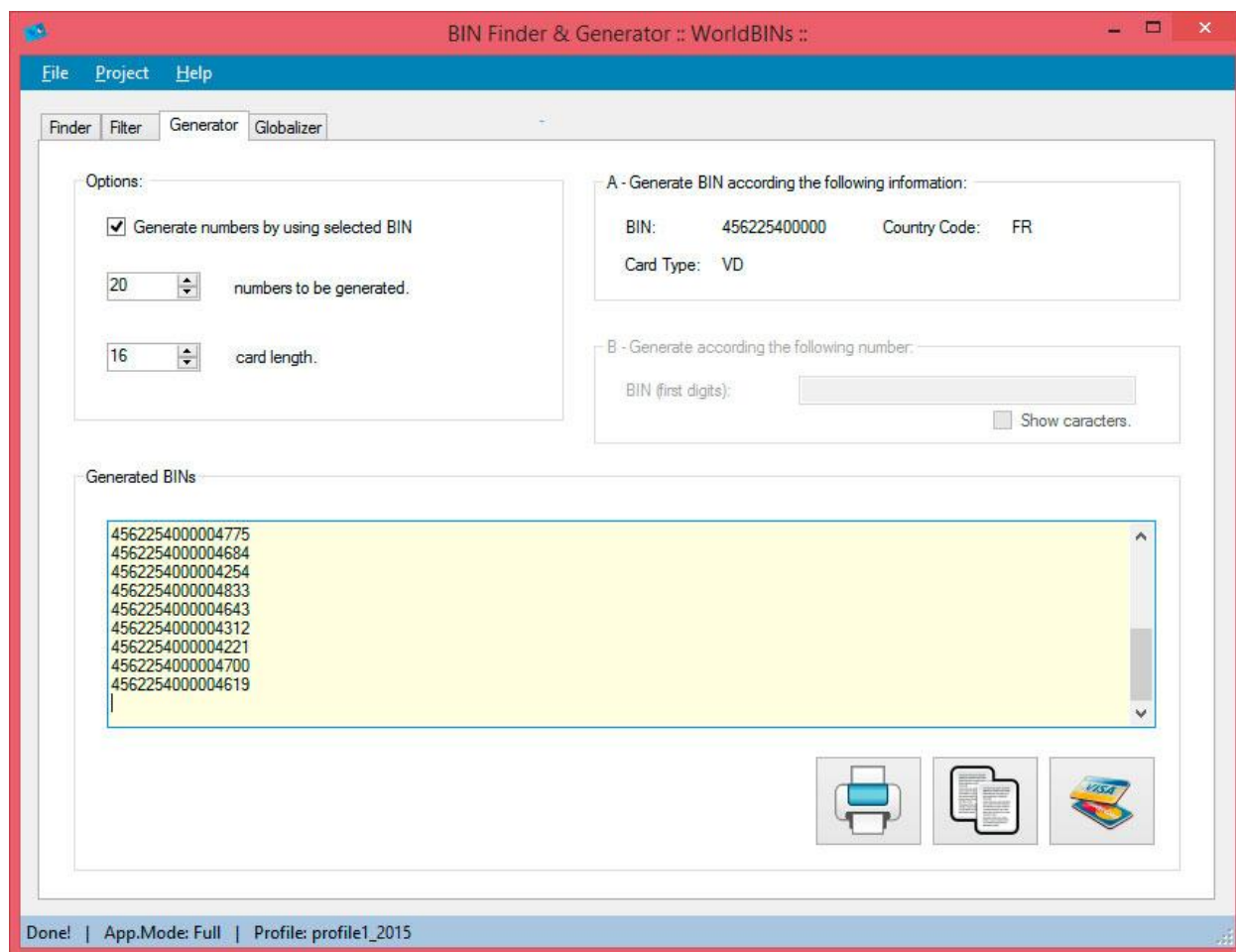



BIN was found. | App.Mode: Full | Profile: profile1_2015

3 Generate

On this tab, user has two possibilities to generate numbers,

By using the BIN selected on the previous tab (“Filter”)



Or, to generate it based on any card starting with the numbers specified on section “B”.

The screenshot shows the 'BIN Finder & Generator :: WorldBINs' application window. It has a menu bar with 'File', 'Project', and 'Help'. Below the menu is a tabbed interface with 'Finder', 'Filter', 'Generator', and 'Globalizer' tabs. The 'Generator' tab is active. On the left, under 'Options:', there is a checkbox 'Generate numbers by using selected BIN' which is unchecked. Below it are two spinners: the first is set to '20' with the label 'numbers to be generated.', and the second is set to '16' with the label 'card length.'. On the right, under 'A - Generate BIN according the following information:', there are input fields for 'BIN:' (456225400000), 'Country Code:' (FR), and 'Card Type:' (VD). Below that, under 'B - Generate according the following number:', there is a 'BIN (first digits):' field with the value 456225400000 and a checked checkbox 'Show characters.'. At the bottom, a 'Generated BINs' section contains a list of 10 generated BINs: 4562254000000112, 4562254000000120, 4562254000000138, 4562254000000146, 4562254000000153, 4562254000000161, 4562254000000179, 4562254000000187, and 4562254000000195. At the bottom right of the main area are icons for a printer, a document, and a Visa card. The status bar at the bottom shows 'Done! | App.Mode: Full | Profile: profile1_2015'.

Then, the total number of numbers to be generated will be established on the following field:

This close-up shows the 'numbers to be generated.' field, which is a spinner control currently displaying the value '20'. To its right, the 'Card Type: VD' label is visible.

Additionally, the maximum length of the number.

This close-up shows the 'card length.' field, which is a spinner control currently displaying the value '16'.

If number is generated from BIN previously selected, there is no need to complete section B, otherwise a number must be typed on that field. A digit will be the minimum value in order to generate the numbers.



When everything is properly setup, the button can be pressed. As a result, numbers will be presented on section “Generated BINs”.



The results can be copied to clipboard by pressing button “



” by clicking on “

4

Globalize

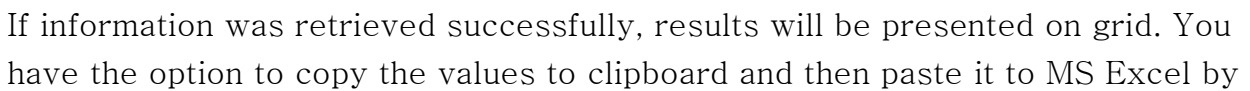
This section offers the user the possibility to quickly generate numbers by country and credit card type.

There is a fast way to obtain values already stored in our servers, or by generate new ones by requesting the latest information available for every country. Bear in mind the second option could take several minutes, besides, once the process is initiated; it cannot be stopped or canceled.

To decide if values will be obtained directly from our server cache, leave check box checked. In order to force application to go and look for new values, uncheck it.

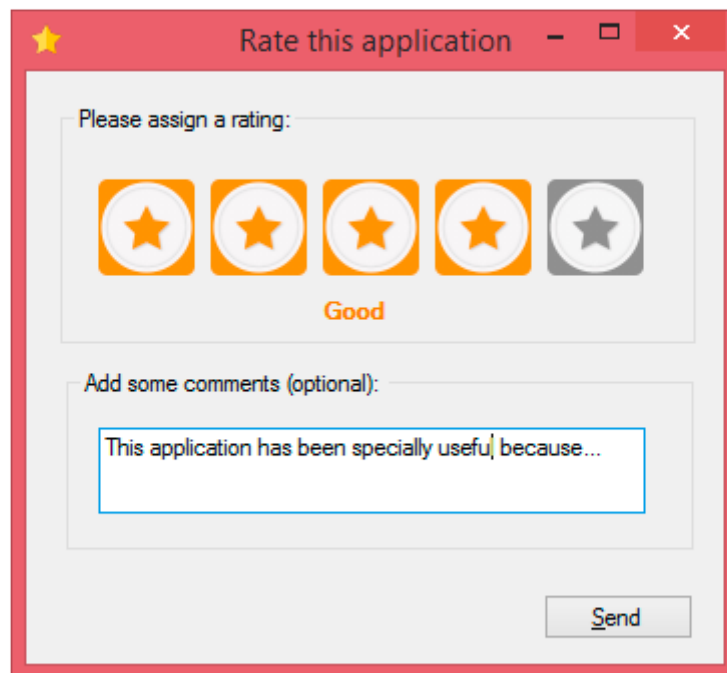


Once selection is done, click on button and wait for the result.



Do not forget to rate the application, we would really appreciate your feedback.

On the application, select Help, and then *Rate*

A screenshot of a Windows-style dialog box titled "Rate this application" with a yellow star icon in the top-left corner. The dialog has a red title bar with standard minimize, maximize, and close buttons. Inside, the text "Please assign a rating:" is followed by five star icons in a row. The first four stars are orange and filled, while the fifth is grey and outlined. Below the stars, the word "Good" is displayed in orange. Underneath, the text "Add some comments (optional):" is followed by a text input field containing the text "This application has been specially usefu| because...". At the bottom right, there is a "Send" button.

This window will be presented.

4

UPDATES



When a new version of the application has been released, it will automatically detect it and suggest the user to upgrade. To update, simply follow the link provided and download the most recent version available.

5

UNINSTALL



To remove the application, go to Control Panel and click simply remove the software.



Addendum

GLOSSARY

The following is a glossary of terms and abbreviations used in the Requirements Specification

Term or Abbreviation	Definition
Account validation	<p>DEFINITION OF 'BANK IDENTIFICATION NUMBER – BIN'</p> <p>The first four to six digits of a credit card. The bank identification number identifies the institution issuing the card. It is critical to the correct matching of transactions to the issuer of the charge card.</p> <p>This prefix system also applies to debit cards, charge cards and electronic benefit cards.</p> <p>Although it is called a bank identification number, BINs are also used by other institutions, such as American Express. As increasing numbers of issuers are opting into the BIN network, the term issuer identification number (IIN) is</p>

increasingly used interchangeably with BIN.

The prefix system is also used to help identify potential security breaches or identity theft, by comparing such things as the location of the issuing institution and the address of the cardholder.

A credit card issuer is a bank or credit union who offers credit cards. The credit card issuer makes the credit limit available to cardholders and is responsible for sending payments to merchants for purchases made with credit cards from that bank. Credit card issuers are also called member banks. Capital One, Chase, and Citibank are examples of credit card issuers.

Look at the front of your credit card. Usually the credit card issuer is the bank whose name is printed at the top of the card. With private label credit cards, the name of the credit card issuer is printed on the back of the credit card in small print.

Credit card issuers can't issue credit cards all by themselves; they need the help of payment processing networks like Visa and MasterCard. However, American Express and Discover act as both the credit card issuers and the

	payment processing network for their credit cards.
Issuer identifier number (IIN)	The first six digits, including the major industry identifier, compose the issuer identifier number (IIN) which identifies the issuing organization. The IIN is sometimes referred to as a "bank identification number" (BIN). The IIN's use is much broader than identification of a bank. IINs are used by companies other than banks.
Luhn algorithm	The Luhn algorithm or Luhn formula, also known as the "modulus 10" or "mod 10" algorithm, is a simple checksum formula used to validate a variety of identification numbers, such as credit card numbers, IMEI numbers, National Provider Identifier numbers in US and Canadian Social Insurance Numbers. It was created by IBM scientist Hans Peter Luhn
Currency Code	DEFINITION of 'ISO Currency Code': Three-letter alphabetic codes that represent the various currencies used throughout the world. ISO Currency Codes are specified by the International Organization for Standardization (ISO), which provides standards for businesses, governments and societies.
Country Code	A country code is a two-letter suffix such as .us (United States), .ca (Canada) and .de (Germany). For a list of codes, see country codes A-E, country codes F-M and country

	codes N-Z. For a list of all top-level domains, see Internet domain name.
MasterCard Card	A card that bears the MasterCard symbol, enabling a MasterCard cardholder to obtain goods, services or cash from a MasterCard merchant or acquirer.
Merchant	An entity that contracts with merchant banks or ISO's to originate transactions.
Primary Account Number (PAN)	The number that is embossed and/or encoded on a plastic card that identifies the issuer and the particular cardholder account.
Visa	Visa U.S.A. is one of the nation's leading payment brands, backed by a secure payments network. Visa links more than 13,300 financial institutions, 6.9 million merchant acceptance locations and 520 million cards.
BIN Database	A BIN database (or BIN list) is the collection of BINs, with card issuer descriptions displayed against them. This is the main source which is used by the BIN checker software to compare with the suspected BIN.

