



Vehicle Title Import

Vehicle Property Record Title Import
Application Name: PS_PROPTITLE_IMPORT
Application Description: Vehicle Property Record Title Import
Application: 15406
DNAapp ID 4b0dcee9-14dc-4ce3-89a6-de76a0f0cb90

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Overview:

PS_PROPTITLE_IMPORT is a custom batch application that imports a file of perfected titles and updates the collateral property records in the DNA® database that match the provided account number and VIN.

Key Benefits:

This application reduces the amount of manual work done to collateral loan records by automating the updates and maintenance previously performed.

Processing:

PS_PROPTITLE_IMPORT reads an input file and updates loan account collateral property records in the DNA database. The application matches incoming records with the loan account number and property record VIN. When a valid match occurs, the application updates the record as outlined below.

Validation:

The application verifies that the loan account number in the input file is valid. If it is found to not be valid an exception is written for the invalid account number to the exception report with a message indicating the account number was not found.

When a matching loan account number is found, the application next determines if the account has a property record associated with it. If no property record is found the application writes the loan account number to the exception report indicating no property record associated with the loan account number.

When property records are found, the application attempts to match the VIN in the input file with the VIN on the property records. If no matching VIN is found, the application writes the loan account number to the exception report with a message indicating no matching property record. If multiple property records exist with the same VIN, the oldest active property record is updated.

Note: For External File Types of 1 – Title Information, and 3 – Release Information, the first 9 lines of the input file contain header information; these lines are skipped by the application. Data to process should start on line 10.

Data Handling:

When the above validation passes and a matching property record is found, the application updates the property records as indicated below in the corresponding input file layout.

Activity is written when the loan account property records are updated and a summary report of the number of accounts updated with an exceptions listing is provided.

Parameters:

Parameter	Code	Description (how used)	Required	Default
RptOnly_YN	RPT	When set to Y the database is not updated. To update the database, set this to N.	No	Y
External File Type	FT	1 – Title Information 2 – Title Status 3 – Release Information	N	1
External File Name	EXFN	Name of the input file, including full file path. Ex: "C:\temp\Titles_Received_MMDDYYYY.csv"	Yes	<BLANK>
Title State Nbr Prop UserField	8TSP	The property user field code for Title State Number.	Yes	<BLANK>
Reg Owner Prop UserField	8ROP	The property user field code for Registered Owner.	Yes	<BLANK>
Received Date Prop UserField	8RVD	The property user field code for Received date.	Yes	<BLANK>
User Field Code	8UFC	Property level user field code that will contain the title status.	No (Required for FT = 2; not used for FT = 1)	<BLANK>
Borrower User Field	8BFU	The property user field code for Title Owner. Only required when External File Type is 3	No	<BLANK>
Release Date User Field	8RDU	The property user field code for Title Mailed. Only required when External File Type is 3	No	<BLANK>
Recipient User Field	8REU	The property user field code for Title Release Name. Only required when External File Type is 3	No	<BLANK>
Title Release Addr1 User Fld	8RAU	The property user field code for Title Release Address Line 1. Only required when External File Type is 3	No	<BLANK>
Title Release Addr2 User Fld	8RA2	The property user field code for Title Release Address Line 2. Only required when External File Type is 3	No	<BLANK>
Title Release CSZ User Fld	8RA3	The property user field code for Title Release Address City State and Zip. Only required when External File Type is 3	No	<BLANK>

Parameter	Code	Description (how used)	Required	Default
Event Date Prop User Field	8DEU	The property user field code for Event Date. Property user field type should be a date data type. This parameter is only evaluated when External File Type is 2. It is ignored if left blank.	No	<BLANK>

Non-Transaction Updating Application:

This application will update activity, using the following Activity Category and Activity Type

Activity

Activity Category	Code	Activity Type	Code	Activity Subject
Account Maintenance	AMNT	Loan Account	LOAN	Account/Property

Scheduling and re-run information:

- The application does not have a “run back in time” option. All updates are as of the date / time the application is run.
- The application can be scheduled at any time.
- The application can be re-run as needed.

Report:

- The report contains the following data columns in the detail section:
 - Account Number
 - VIN#

The remaining data columns will reflect the data after the update.

For File Type = 1:

 - Title State Number
 - Title State
 - Received Date

For File Type = 2

 - Title Status
 - Event Date

For File Type = 3

 - Recipient
 - Release Date
- The report will list the accounts in the order received from the file.
- A Summary section is provided with the following totals:
 - Total number of records processed from the file

- Total number of records updated
- Total number of exceptions
- An Exception section is provided with the following:
 - Account Number
 - Exception message

File Type 1:

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                                REPORT PARAMETERS

RptOnly_YN: N
External File Name: C:\TEMP\PS_PROPTITLE_IMPORT.TXT
Title State Nbr Prop UserField: CPIP
Reg Owner Prop UserField: CPI
Received Date Prop UserField: PMU
External File Type: 1
User Field Code: CPIR
Borrower User Field:
Release Date User Field:
Recipient User Field:
Title Release Addr1 User Fld:
Title Release Addr2 User Fld:
Title Release CSZ User Fld:
Event Date Prop User Field: CPIE

**
Bank:      Systems Test Credit Union           Vehicle Property Record Title Import           Run Date: 03-22-2021
Report:    PS_PROPTITLE_IMPORT                 Post Date: 07-31-2020
                                                Page: 2 of 3

----- Summary -----
Total Number Of Records In File:      1
Total Number Of Records Updated:      0
Total Number of Record Exceptions:    1

**
Bank:      Systems Test Credit Union           Vehicle Property Record Title Import           Run Date: 03-22-2021
Report:    PS_PROPTITLE_IMPORT                 Post Date: 07-31-2020
                                                Page: 3 of 3

----- Exceptions -----
Account Number      Exception
DE                  100: Account not found
    
```

File Type 2:

If Parameter "Event Date Prop User Field" is not Blank.

REPORT PARAMETERS			
RptOnly_YN: Y External File Name: C:\TEMP\PS_PROPTITLE_IMPORT.TXT Title State Nbr Prop UserField: CPIP Reg Owner Prop UserField: CPI Received Date Prop UserField: PMU External File Type: 2 User Field Code: CPIR Borrower User Field: Release Date User Field: Recipient User Field: Title Release Addr1 User Fld: Title Release Addr2 User Fld: Title Release CSZ User Fld: Event Date Prop User Field: CPIE			
Bank: Systems Test Bank	Vehicle Property Record Title Import	Run Date: 05-10-2022	
Report: PS_PROPTITLE_IMPORT		Post Date: 02-25-2022	
		Page: 1 of 2	
Account Number	VIN#	Title Status	Event Date
600329874	33405976	PT	01-03-2022
600370921	33405999	PT	01-04-2022
Bank: Systems Test Bank	Vehicle Property Record Title Import	Run Date: 05-10-2022	
Report: PS_PROPTITLE_IMPORT		Post Date: 02-25-2022	
		Page: 2 of 2	
----- Summary -----			
Total Number Of Records In File:	2		
Total Number Of Records Updated:	2		
Total Number of Record Exceptions:	0		

If Parameter "Event Date Prop User Field" is set to Blank.

REPORT PARAMETERS			
RptOnly_YN: N External File Name: C:\TEMP\PS_PROPTITLE_IMPORT.TXT Title State Nbr Prop UserField: CPIP Reg Owner Prop UserField: CPI Received Date Prop UserField: PMU External File Type: 2 User Field Code: CPIR Borrower User Field: Release Date User Field: Recipient User Field: Title Release Addr1 User Fld: Title Release Addr2 User Fld: Title Release CSZ User Fld: Event Date Prop User Field:			
Bank: Systems Test Bank	Vehicle Property Record Title Import	Run Date: 05-25-2022	
Report: PS_PROPTITLE_IMPORT		Post Date: 02-25-2022	
		Page: 1 of 2	
Account Number	VIN#	Title Status	
600329874	33405976	PT	
600370921	33405999	PT	
Bank: Systems Test Bank	Vehicle Property Record Title Import	Run Date: 05-25-2022	
Report: PS_PROPTITLE_IMPORT		Post Date: 02-25-2022	
		Page: 2 of 2	
----- Summary -----			
Total Number Of Records In File:	2		
Total Number Of Records Updated:	2		
Total Number of Record Exceptions:	0		

Field	Format	Description
Account No.	NUM	DNA Loan Account Number – Account number in file contains a hyphen (-), hyphen will be dropped. Example 12345-001 will be read as 12345001
Loan No.		Not Used
Loan Suffix		Not Used
Branch		Not Used
ELT		Not Used
Title State	Alphanumeric	Update property record State of Issue
Title State Number	Alphanumeric	Update the property record user field for title state number identified in the 8TSP - Title State Number Prop User Field Cd parameter.
VIN	Alphanumeric	Match input file to property record Property Id
Brand		Not Used
Registered Owner	Alphanumeric	Update the property record user field for registered owner identified in the 8ROP - Registered Owner Prop User Field Cd parameter.
Co-Signer		Not Used
Lessee		Not Used
Owner Address 1	Alphanumeric	Update/Add property record address
Owner Address 2	Alphanumeric	Update/Add property record address
Owner City	Alphanumeric	Update/Add property record address
Owner State	Alphanumeric	Update/Add property record address
Owner ZIP	NUM	Update/Add property record address
Received Date	MM/DD/YYYY	Update the property record user field for received date identified in the 8RVD - Received Date Prop User Field Cd parameter.
Make		Not Used
Model		Not Used
Year		Not Used
Mileage		Not Used
Document Type		Not Used
Original		Not Used
Loan Status		Not Used
Title Status		Not Used
EntryUser		Not Used
Lien Holder		Not Used
EntryDate		Not Used
Archive		Not Used
Loan Officer		Not Used
Note Number		Not Used
Collateral Code		Not Used

External File Type = 2 – Title Status Layout

Only the highlighted field will be imported.

Field	Format	Size	Beginning Position	Ending Position	Description
Collateral Group VIN	CHAR	30	1	30	VIN as recorded on the Account if an Account exists, otherwise the VIN as recorded on the Ownership Document.
Account Number	CHAR	25	31	55	DNA account number
Loan Number	CHAR	25	56	80	
Customer or Owner Name	CHAR	50	81	130	
A/C Status	CHAR	2	131	132	Title Status
Event Date	CHAR	8	133	140	Mapped to Event Date Prop User Field parameter value if provided. Date format of file is YYYYMMDD.
Collateral Group State	CHAR	2	141	142	Titling Jurisdiction on the primary Ownership Document if an Ownership Document exists, otherwise the Expected Titling Jurisdiction from the Account.

Input File 3 Layout – Comma Separated

The first 9 lines of the input file contains header information, these lines will need to be skips. Data to read in begins on line 10.

Field	Description
OrgId	Not Needed
Borrower	Update the property record user field for Borrower identified in the ('TBD') parameter
VIN	Match input file to property record Property Id
Title State	Not Needed
Title Number	Not Needed
Release Date	Update the property record user field for Title Mailed identified in the ('TBD') parameter
Account ID	DNA@ Loan Account Number – Account number in file contains a hyphen (-), hyphen will be dropped.
Loan End Date	Not Needed
Match Date	Not Needed
Loan Status	Not Needed
ELT	Not Needed
Recipient	Update the property record user field for the Title Released Name identified in the '8REU' parameter.
Address 1	Update the property record user field for the Title Release Address Line 1 identified in the '8RAU' parameter
Address 2	Update the property record user field for the Title Release Address Line 2 identified in the '8RA2' parameter

Field	Description
City	Update the property record user field for the Title Release Address City identified in the '8RA3' parameter (concatenated with State, Zip)
State	Update the property record user field for the Title Release Address State identified in the '8RA3' parameter (concatenated with City, Zip)
Country	Not Needed
Zip	Update the property record user field for the Title Release Address Zip identified in the '8RA3' parameter (concatenated with State, City)
Archive	Not Needed
Loan Officer	Not Needed
Note Number	Not Needed
Collateral Code	Not Needed

Configuration Checklist:

Item	Test Environment	Production Environment
Parameters		
Create Property User Fields to match the three that will be updated by this application.		

Installation:

Note: If you obtained this application from the AppMarket, please disregard the installation instructions below. If you did not obtain this application from the AppMarket, please complete the installation instructions below.

- Copy PS_PROPTITLE_IMPORT.SQT to the Batch Process to the PS batch application directory; the location specified in the PS Batch Report Directory 'BATP' Institution Option.
- This application requires the running of the script PS_PROPTITLE_IMPORT.SQL (Setup Script): Copy this file to any directory accessible to the applicable SQL application (SQL Developer, PL/SQL Developer, etc.) You need to run the setup script to register the application.
- This application requires an Authorization Key. After the primary installation instructions have been completed, you must apply the supplied Authorization Key for this application.

To enter the Authorization Key, go to Services >> System >> Institution >> Applications >> Application Manager.

Revisions:

Date	App Version #	Change
05/2022	1.0.0.1	Modified the code to Map the Event Date field data from input file type 2 to Event Date Prop User Field.
09/2021	1.0.0.0	Changed reference to AppMarket
03/2021	1.0.0.0	Changes made for creating the app AppMarket ready.
03/2021	1.0.0.0	Improved CSV parsing. Added support for fields not enclosed by double quotes.
07/2018	1.0.0.0	If existing user field value was null, update did not occur
05/2018	1.0.0.0	Added support for file type 3 – Release Information; Use 3 different user fields to hold release address
02/2018	1.0.0.0	Documentation update - Added Fiserv Confidential Label
08/2017	1.0.0.0	Added support for file type 2 – Title Status
03/2017	1.0.0.0	Added Lessee column to incoming layout
12/2016	1.0.0.0	Updated the incoming date format
12/2016	1.0.0.0	Updated the file layout to exclude the first 9 lines rather than 10
10/2016	1.0.0.0	Application Created