

DEVELOPER MANUAL



DCS Drivers/Criminals Data API – Version 2.7

Introduction –

This documentation provides specifications for DCS' Household Driver Data REST API Service. This is revision 2.7 dated 03/05/2019. The DCS Household Drivers API provides access to driver's license information via the address, driver's license number and name/date of birth. Requests include a Search Address as well as individual drivers that you wish to search. All licensed drivers and id card holders are provided. If the individual driver is not found via the driver's license number or the driver's license number is not provided, then the API searches for the driver using last name/first name/date of birth. Criminal histories can be requested for each individual. All criminal information is searched based on last name/first name/date of birth because criminal profile data does not contain a driver's license number or other key information.

Version Changes

This version contains new features as documented below but also includes the changes for version 2.6 which is included here for consumers bypassing version 2.6. Version 2.7 includes several new data fields related to DL data and Criminal History Profile data along with new search functionality.

Version 2.6 Changes

This version has a single new feature and a single major bug fix. The most **IMPORTANT** thing to remember about this release is that the structure of both the request and the response are the same as the prior version, HouseholdDriversReport v2.3. Except for the version change in the URL, developers should not have to make any changes to their routines that consume this data unless they have created work arounds for the bug. The changes are:

1. **New Feature** – Search Criminal History using Alias Name – The Criminal History Profile or Criminal History does not contain unique ID data that links it to the Driver's License. Therefore, when the DCS logic searches for a Criminal Profile, the name and date of birth are used. This is derived from the name and date of birth found in the Drivers' License if a DL Number is provided in the request or if a DL Record is found using a supplied name and date of birth in the request without a Driver's License number. Included in the Criminal Profile data is a list of Alias Names and Alias Dates of Birth. The two lists of data are not linked to each other. Through research DCS determined that the best way to find criminal information for an individual without adding records that belong to another individual is to allow customers to add searching the criminal history data using alias name along with the date of birth found on the DL or supplied in the request. DCS does NOT search using Alias Date of Birth at this time. This feature is enabled by contacting DCS and requesting that it be turned on.
2. **Bug Fix** – Multiple Criminal History Profiles – When a criminal history search using name and date of birth returns more than one Criminal History Profile, the data for the second and subsequent profiles was previously added to the offense data of the first Criminal History Profile. The offenses from the first profile would be listed then the next offense would be an offense with mostly blank data then the next offense would contain Criminal Profile data in various fields then the offenses from that Criminal Profile would be added to the list of offenses. Therefore, all of the offenses were returned however, there would be some offenses with erroneous data. This has been rectified. Now, a second Criminal History Profile in the response data with the offenses associated with that Criminal Profile found within that Criminal History Profile. Multiple Criminal Profiles occur when two people share the same name and date of birth or in some cases a criminal has more than one criminal profile record.

Version 2.7 Enhancements

1. **Associated Driver's License Numbers** – Other Drivers License numbers that have the same name and date of birth are included in the driver's data.
2. **Prior Names and Addresses** – Names from the DCS historical data from driver's license records that show any prior names and addresses that have been previously associated with this driver's license number.
3. **Alias Names and Date of Births** – List of Alias Names and Date of Births associated with Criminal Profile is now included.

System Requirements

These web services are implemented using REST over HTTPS.

Security and Authentication

Given the protected and sensitive nature of data involved in this service, access is both encrypted and restricted. The encryption of request and response data is protected at the transport layer via the HTTPS protocol. Authentication and authorization is provided through the use of HTTP Basic Authentication. Using this protocol, an authorization header is created with Account Number, User ID and Password separated by colons (":") and encoded into a Base64 string and added into the Post request. The account number is your assigned account number from DCS. The customer determines the username and password.

Transaction Request

Requests are made via a Post verb. The body of the request contains the HouseholdDriversRequest formatted data. URI is supplied below. The site listed is a test site and will change once production transactions begin. Requests are made using XML and responses are returned also using XML.

Contact Information

If you need assistance with Web Services, technical support is available between 8 am and 5 pm CST Monday through Friday, except holidays.

Toll free: 800.299.3647

Email: xmlsupport@dcinfosys.com

Request and Response Examples

Sample Request

Method: POST

Path: <https://ws.dcsinfosys.com:442/apidevV2.7/DcsSearchApi/HouseholdDrivers>

Content Type: application/xml

Body:

```
<HouseholdDriversRequest>
  <TransactionInfo>
    <DepartmentId>4</DepartmentId>
    <UserId>1</UserId>
    <UserName>John Doe</UserName>
  </TransactionInfo>
  <NewDriverCriminalHistoryFlag>Yes</NewDriverCriminalHistoryFlag>
  <SearchAddress>
    <Address>10254 Clear Lake Rd Apt 12</Address>
    <City>Dallas</City>
    <State>Tx</State>
    <ZipCode>75084</ZipCode>
    <ZipPlus4>5848</ZipPlus4>
  </SearchAddress>
  <Drivers>
    <Driver>
      <Id>12345678</Id>
      <FirstName>John</FirstName>
      <LastName>Smith</LastName>
      <BirthDate>02/25/1975</BirthDate>
      <DLState>TX</DLState>
      <DLNumber>12345665</DLNumber>
      <HouseholdFlag>Yes</HouseholdFlag>
      <CriminalHistoryFlag>Yes</CriminalHistoryFlag>
    </Driver>
    <Driver>
      <Id>98745612</Id>
      <FirstName>Jane</FirstName>
      <LastName>Smith</LastName>
      <BirthDate>08/23/1978</BirthDate>
      <HouseholdFlag>No</HouseholdFlag>
      <CriminalHistoryFlag>Yes</CriminalHistoryFlag>
    </Driver>
  </Drivers>
</HouseholdDriversRequest>
```

Sample Response

Status: 200

Body:

```
<HouseholdDriversResponse>
  <AddressSearchStatus>Found</AddressSearchStatus>
  <DriversFound>2</DriversFound>
  <DriversLicenses>
    <DriversLicense>
      <Id>12345678</Id>
      <DLSearchStatus>Found</DLSearchStatus>
      <FullName>Smith, John</FullName>
      <BirthDate>02/25/1975</BirthDate>
      <DLNumber>12345665</DLNumber>
      <DLState>TX</DLState>
      <Address>10254 CLEAR LAKE RD APT 12</Address>
      <City>DALLAS</City>
      <State>TX</State>
      <ZipCode>75084</ZipCode>
      <ZipPlus4>5848</ZipPlus4>
      <IdCard>No</IdCard>
      <IssueDate />
    </DriversLicense>
  </DriversLicenses>
</HouseholdDriversResponse>
```

```
<LastTransactionDate>12/12/2012</LastTransactionDate>
<AssociatedDLs>
  <AssociatedDL>
    <DLNumber>01010101</DLNumber>
    <Address>123 15T ST</Address>
    <City>SUNSHINE</City>
    <State>TX</State>
    <ZipCode>70000</ZipCode>
    <IDCard>No</IDCard>
    <LastTransactionDate>01/01/2019</LastTransactionDate>
  </AssociatedDL>
  <AssociatedDL>
    <DLNumber>12349876</DLNumber>
    <Address>123 1ST ST</Address>
    <City>SUNSHINE</City>
    <State>TX</State>
    <ZipCode>70000</ZipCode>
    <IDCard>Yes</IDCard>
    <LastTransactionDate>01/31/2015</LastTransactionDate>
  </AssociatedDL>
</AssociatedDLs>
<PriorNames>
  <PriorName>
    <Name>JAMES, JOHN RAYMOND</Name>
    <DLNumber>00010002</DLNumber>
    <TransactionDate>01/31/2001</TransactionDate>
    <DateOfBirth>01/01/1900</DateOfBirth>
  </PriorName>
</PriorNames>
<PriorAddresses>
  <PriorAddress>
    <Address>1616 LAST ST #1221 77000</Address>
    <DLNumber>00010002</DLNumber>
    <TransactionDate>12/31/1901</TransactionDate>
  </PriorAddress>
  <PriorAddress>
    <Address>1616 LAST ST #1100 77000</Address>
    <DLNumber>00010002</DLNumber>
    <TransactionDate>01/15/1993</TransactionDate>
  </PriorAddress>
  <PriorAddress>
    <Address>1122 MIDDLE LN #1 75057</Address>
    <DLNumber>00020001</DLNumber>
    <TransactionDate>11/11/1911</TransactionDate>
  </PriorAddress>
</PriorAddresses>
<CriminalHistories>
  <SearchSource>A</SearchSource>
  <TotalOffenses>1</TotalOffenses>
  <CriminalHistory>
    <StateId>00000001</StateId>
    <Name>Smith, John William</Name>
    <BirthDate>02/25/1975</BirthDate>
    <Gender>M</Gender>
    <Race>White</Race>
    <Height>5-09</Height>
    <Weight>215</Weight>
    <EyeColor>BRO</EyeColor>
    <HairColor>BLK</HairColor>
    <AliasNames>
      <AliasName>
        <Name></Name>
      </AliasName>
      <AliasName>
        <Name></Name>
      </AliasName>
    </AliasNames>
    <AliasDobs>
      <AliasDob>
        <Dob>01/01/1901</Dob>
      </AliasDob>
      <AliasDob>
        <Dob>02/02/1902</Dob>
      </AliasDob>
    </AliasDobs>
    <CriminalSearchStatus>Offenses Found</CriminalSearchStatus>
    <SearchSource>P</SearchSource>
    <TotalOffeneses>2</TotalOffeneses>
    <Offenses>
```

```

                                <Offense>
                                <ConvictionDate>12/09/1998</ConvictionDate>
                                <Disposition>DEFERRED</Disposition>
                                <Description>THEFT PROP&#62;&#61;$50 &#60;$500
31.03(e) (2) (AI) P</Description>
                                </Offense>
                                <Offense>
                                <ConvictionDate>07/22/1999</ConvictionDate>
                                <Disposition>CONVICTED</Disposition>
                                <Description>MAN&#47;DEL CS PG 1 &#60; 1 G 481.112(b)
HSC</Description>
                                </Offense>
                                </Offenses>
                                </CriminalHistory>
                                </CriminalHistories>
                                </DriversLicense>
                                <DriversLicense>
                                <Id>98745612</Id>
                                <DLSearchStatus>Found</DLSearchStatus>
                                <FullName>Smith, Jane</FullName>
                                <BirthDate>08/23/1978</BirthDate>
                                <DLState>TX</DLState>
                                <DLNumber>56651234</DLNumber>
                                <Address>10254 CLEAR LAKE RD APT 12</Address>
                                <City>DALLAS</City>
                                <State>TX</State>
                                <ZipCode>75084</ZipCode>
                                <ZipPlus4>5848</ZipPlus4>
                                <IdCard>No</IdCard>
                                <IssueDate />
                                <LastTransactionDate>12/12/2012</LastTransactionDate>
                                <AssociatedDls />
                                <PriorNames />
                                <PrioAddresses />
                                <CriminalHistories>
                                <CriminalHistory>
                                <CriminalSearchStatus>Clear</CriminalSearchStatus>
                                </CriminalHistory>
                                </CriminalHistories>
                                </DriversLicense>
                                </DriversLicenses>
                                <ResponseStatusCode>200</ResponseStatusCode>
                                <ResponseStatusMessage>OK</ResponseStatusMessage>
</HouseholdDriversResponse>

```

HouseholdDriversRequest		
TransactionInfo	<i>TransactionInfo[]</i>	Object containing reference data for search transaction
SearchAddress	<i>SearchAddress</i>	Object of the address of the policy
NewDriverCriminalHistoryFlag	<i>String</i>	This field determines if drivers found in the household but not submitted with the request will have criminal history searches run. Valid values are Yes/No;True/False;1/0. Current criminal History is always searched.
Drivers	<i>Driver[]</i>	Array of Driver objects containing requested Drivers data
TransactionInfo		
DepartmentId	<i>String</i>	Id of the department of the user requesting the Id
UserId	<i>String</i>	Id of the user requesting the data
UserName	<i>String</i>	Name of the user requesting the data
SearchAddress		
Address	<i>String</i>	Street address for the policy
City	<i>String</i>	City for the policy
State	<i>String</i>	State for the policy
ZipCode	<i>String</i>	5 digit Zip Code for the policy
ZipPlus4	<i>String</i>	4 digit Zip Plus 4 code for the policy
Driver		
Id	<i>String</i>	Client assigned Id used to identify the Driver in the request data
FirstName	<i>String</i>	First name of the requested Driver
LastName	<i>String</i>	Last name of the requested Driver
BirthDate	<i>Date</i>	Birth date of the requested Driver
DLState	<i>String</i>	Driver's License issuing state
DLNumber	<i>String</i>	Driver's License Number of the requested Driver
HouseholdFlag	<i>String</i>	Flag that determines whether to run a household for this Driver (Yes/No)
CriminalHistoryFlag	<i>String</i>	Flag that determines whether to run a criminal history report for this Driver (Yes/No)
HouseholdDriversResponse		
AddressSearchStatus	<i>String</i>	Policy Address found during search. Values are Found/Apartment Number Not Found/Apartment Number Not Supplied/House Number Not Found/Street Number Not Found. (see Address Search Status Code table below)
DriversFound	<i>String</i>	The number of drivers license records returned in the response. This is included because the API will return a maximum record of 100 drivers even though the search may many more.
DriversLicenses	<i>DriversLicense[]</i>	Array of DriversLicense objects matching search criteria
DriversLicense		
Id	<i>String</i>	Client assigned Id used to identify the requested DriversLicense for this response

DLSearchStatus	<i>String</i>	Driver's License found during search. Values are Found/Not Found
FullName	<i>String</i>	Full name of the DriversLicense in the format of the provider
BirthDate	<i>Date</i>	Date of birth of the driver
DLState	<i>String</i>	Driver's License issuing state
DLNumber	<i>String</i>	Driver's License Number of the requested Drivers License
Address	<i>String</i>	Address listed on the Driver's License record
City	<i>String</i>	City listed on the Driver's License record
State	<i>String</i>	2 Digit State Code listed on the Driver's License record
ZipCode	<i>String</i>	5 Digit Zip Code listed on the Driver's License record
ZipPlus4	<i>String</i>	4 Digit Zip Plus 4 listed on the Driver's License record
IdCard	<i>String</i>	Id Card Flag (Yes/No)
IssueDate	<i>Date</i>	The date which the Driver's License was issued. Only Drivers Licenses issued after 02/15/2015 have this date. If the date is blank then the Drivers License was issues prior to 02/15/2015.
LastTransactionDate	<i>Date</i>	The date that the Drivers License was updated by the State of Texas. The State of Texas does not provide updates for renewals or some other changes. The primary change that is provided is change of address.
AssociatedDLs	<i>AssociatedDL[]</i>	Array of Associated DL Records
PriorNames	<i>PriorName[]</i>	Array of Prior Names on this Driver's License record
PriorAddresses	<i>PriorAddress[]</i>	Array of Prior Addresses on this Driver's License record
CriminalHistories	<i>CriminalHistory[]</i>	Array of Criminal History objects of criminal records found for the DriversLicense
AssociatedDL		
DLNumber	<i>String</i>	Driver's License Number of the associated Driver's License
Address	<i>String</i>	Address listed on the Driver's License record
City	<i>String</i>	City listed on the Driver's License record
State	<i>String</i>	2 Digit State Code listed on the Driver's License record
ZipCode	<i>String</i>	5 Digit Zip Code listed on the Driver's License record
IDCard	<i>String</i>	Id Card Flag (Yes/No)
LastTransactionDate	<i>Date</i>	The date which the Driver's License was issued. Only Drivers Licenses issued after 02/15/2015 have this date. If the date is blank then the Drivers License was issues prior to 02/15/2015
PriorName		
Name	<i>String</i>	PriorName data represents the data found on the Driver's License prior to the change being effective. The name of the person on the Driver's License before the change
DLNumber	<i>String</i>	The DL Number associated with this record prior to the change
DateOfBirth	<i>Date</i>	The date of birth that was on the Driver's License
TransactionDate	<i>Date</i>	The date this change was effective
PriorAddress		
Address	<i>String</i>	PriorAddress data represents the data found on the Driver's License prior to the change being effective. The address on the Driver's License prior to the change
DLNumber	<i>String</i>	The DL Number associated with the Driver's License prior to the change

TransactionDate	<i>Date</i>	The date this change was effective
CriminalHistory		
SearchSource	<i>String</i>	The source that the criminal history profile was derived from: P = Primary Name and Date of Birth, A = Alias Name and Primary Date of Birth
TotalOffenses	<i>String</i>	The total number of offenses found for this criminal profile
CriminalHistory		
StateId	<i>String</i>	State Id of Criminal Record
Name	<i>String</i>	Name of the criminal
Birthdate	<i>Date</i>	Birth date of the criminal
Gender	<i>String</i>	Gender of the criminal
Race	<i>String</i>	Race of the criminal
Height	<i>String</i>	Height of the criminal
Weight	<i>String</i>	Weight of the criminal
EyeColor	<i>String</i>	Eye color of the criminal
HairColor	<i>String</i>	Hair color of the criminal
AliasNames	<i>AliasName[]</i>	Array of Alias Names – this array is NOT associated with the AliasDobs array
AliasDobs	<i>AliasDob[]</i>	Array of Alias Date of Births – this array is NOT associated with the AliasNames array
CriminalSearchStatus	<i>String</i>	Status of the criminal history search. Values returned are “Clear” or “Offenses Found”.
Offenses	<i>Offense[]</i>	Array of Offense objects for this criminal
AliasName		
Name	<i>String</i>	Alias Name
AliasDob		
Dob	<i>Date</i>	Alias Date of Birth
Offense		
OffenseCode	<i>String</i>	Code provided by the state for this offense
ConvictionDate	<i>Date</i>	Date of the conviction
Disposition	<i>String</i>	Disposition of the offense
Description	<i>String</i>	Description of the offense
FinalPleading	<i>String</i>	The remaining fields in this object vary by court. All fields are provided as strings as formatting as other data types is not guaranteed. Each control controls the data in these fields.
OriginatingAgencyCourt	<i>String</i>	
CauseNumber	<i>String</i>	
GeneralOffenseCharacter	<i>String</i>	
DegreeofCrime	<i>String</i>	
StatueCitationOffense	<i>String</i>	
CourtOffense	<i>String</i>	
SentenceDate	<i>String</i>	
CourtSenteceSuspendedTime	<i>String</i>	
CourtSentenceSuspendedFine	<i>String</i>	
CourtConfinement	<i>String</i>	
CourtProbation	<i>String</i>	

CourtFine	<i>String</i>	
CourtCosts	<i>String</i>	
CourtProvisionDescription	<i>String</i>	
AppealDate	<i>String</i>	
DispositionDuringAppeal	<i>String</i>	
FinalCourtDecisionOnAppeal	<i>String</i>	
AgencyReceivingCustody	<i>String</i>	
MultipleSentence	<i>String</i>	

Address Search Status Codes – Only Description text is sent, not the codes

Code	Text	Description
Found	Found	Address found
ANNF	Apartment Number Not Found	An apartment number was supplied with the request but not found at this address.
ANNS	Apartment Number Not Supplied	Address is known to be an apartment complex but an apartment number was not supplied. Vehicles registered at this address without an apartment number will be supplied.
HNNF	House Number Not Found	The address is a valid street within the zip code but the house number is not on file.
SNNF	Street Name Not Found	The street name was not found in the zip code.

HTTP Response Status Codes

200	Accepted	OK
400	Invalid Request	One or more request parameters are incorrect or missing
401	Unauthorized	Unable to authenticate user
403	Bad Request	Request Data not formatted correctly
500	Service Error	
503	Service Unavailable	
504	Request Timed Out	