DEVELOPER MANUAL

DCS

INFORMATION SYSTEMS

DCS Criminals Data API – Version 1.0

Introduction –

This documentation provides specifications for DCS' Criminal Data REST API Service. This is revision 1.0 dated 10/30/2019. The DCS Criminal API provides access to criminal offense information via the criminal's name/date of birth. All criminal information is searched based on last name/first name/date of birth because criminal profile data does not contain a key data such as a social security number, driver's license number or other key information.

Version Changes

This version is the initial version and leverages logic from the Household Drivers Report Criminal data. At the current time this is a beta release and access is only on a test/development basis. We expect the production release around 11/6/2019.

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 for the interactive website but the username and password are assigned for the API.

Transaction Request

Requests are made via a Post verb. The body of the request contains the CriminalRequest 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 or JSON formatted data and responses are returned also using XML or JSON. This documentation uses XML examples. If you have questions about JSON requests, please contact us but the XML is simply converted to JSON. The same data structures are used for both.

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@dcsinfosys.com

Request and Response Examples

Sample Request

Method: POST
Path: https://ws.dcsinfosys.com:442/apidevV2.8/DcsSearchApi/Criminal
Content Type: application/xml
Body:

```xml
<CriminalRequest>
    <TransactionInfo>
        <DepartmentId>ApiTestDpt</DepartmentId>
        <UserId>API</UserId>
        <UserName>Api User</UserName>
    </TransactionInfo>
    <Persons>
        <Person>
            <Id>1</Id>
            <FirstName>John</FirstName>
            <LastName>Doe</LastName>
            <BirthDate>01/01/1980</BirthDate>
        </Person>
        <Person>
            <Id>2</Id>
            <FirstName>Jane</FirstName>
            <LastName>Smith</LastName>
            <BirthDate>06/30/1990</BirthDate>
        </Person>
    </Persons>
</CriminalRequest>
```

Sample Response

Status: 200
Body:

```xml
<CriminalResponse
  <CriminalProfiles>
    <CriminalProfile>
      <CriminalHistories>
        <CriminalHistory>
          <StateId>02458048</StateId>
          <Name>DOE,JOHN</Name>
          <BirthDate>19800101</BirthDate>
          <Gender>M</Gender>
          <Race>W</Race>
          <Height>509</Height>
          <Weight>178</Weight>
          <EyeColor>BRO</EyeColor>
          <HairColor>GRY</HairColor>
          <AliasNames>
          </AliasNames>
          <AliasDobs>
          </AliasDobs>
          <CriminalSearchStatus>Offenses Found</CriminalSearchStatus>
          <SearchSource>P</SearchSource>
          <TotalOffenses>2</TotalOffenses>
          <Offenses>
            <Offense>
              <OffenseCode>48000000</OffenseCode>
              <ConvictionDate />
              <Disposition>CONVICTED</Disposition>
              <Description>OBSTRUCT POLICE</Description>
              <FinalPleading>UNREPORTED / UNKNOWN</FinalPleading>
              <OriginatingAgencyCourt />
              <CauseNumber />
              <GeneralOffenseCharacter>UNKNOWN</GeneralOffenseCharacter>
              <DegreeofCrime>UNKNOWN</DegreeofCrime>
              <StatuteCitationOffense />
              <CourtOffense>FAIL TO IDENTIFY</CourtOffense>
              <SentenceDate />
```

```xml
          <CourtSentenceSuspendedTime />
          <CourtSentenceSuspendedFine />
          <CourtConfinement />
          <CourtProbation />
          <CourtFine />
          <CourtCosts />
          <CourtProvisionDescription>UNKNOWN</CourtProvisionDescription>
          <AppealDate />
          <DispositionDuringAppeal />
          <FinalCourtDecisionOnAppeal />
          <AgencyReceivingCustody />
          <MultipleSentence />
          <OffenseDate />
        </Offense>
        <Offense>
          <OffenseCode>49010000</OffenseCode>
          <ConvictionDate />
          <Disposition>CONVICTED</Disposition>
          <Description>ESCAPE-(IDENTIFY TYPE INSTITUTION)</Description>
          <FinalPleading>UNREPORTED / UNKNOWN</FinalPleading>
          <OriginatingAgencyCourt />
          <CauseNumber />
          <GeneralOffenseCharacter>UNKNOWN</GeneralOffenseCharacter>
          <DegreeofCrime>UNKNOWN</DegreeofCrime>
          <StatuteCitationOffense />
          <CourtOffense>ESCAPE</CourtOffense>
          <SentenceDate />
          <CourtSentenceSuspendedTime />
          <CourtSentenceSuspendedFine />
          <CourtConfinement>10 YEARS </CourtConfinement>
          <CourtProbation />
          <CourtFine />
          <CourtCosts />
          <CourtProvisionDescription>UNKNOWN</CourtProvisionDescription>
          <AppealDate />
          <DispositionDuringAppeal />
          <FinalCourtDecisionOnAppeal />
          <AgencyReceivingCustody />
          <MultipleSentence />
          <OffenseDate />
        </Offense>
    </CriminalHistory>
    <CriminalHistory>
      <StateId>02785495</StateId>
      <Name>WILLIAMS,JAMES</Name>
      <BirthDate>19800101</BirthDate>
      <Gender>M</Gender>
      <Race>W</Race>
      <Height>500</Height>
      <Weight>130</Weight>
      <EyeColor>BRO</EyeColor>
      <HairColor>BLK</HairColor>
      <AliasNames>
        <AliasName>
          <Name>DOE,JOHN</Name>
        </AliasName>
      </AliasNames>
      <AliasDobs>
        <AliasDob>
          <Dob>01/01/1985</Dob>
        </AliasDob>
      </AliasDobs>
      <CriminalSearchStatus>Offenses Found</CriminalSearchStatus>
      <SearchSource>A</SearchSource>
      <TotalOffenses>1</TotalOffenses>
      <Offenses>
        <Offense>
          <OffenseCode>22000000</OffenseCode>
          <ConvictionDate />
          <Disposition>CONVICTED</Disposition>
          <Description>BURGL</Description>
          <FinalPleading>UNREPORTED / UNKNOWN</FinalPleading>
          <OriginatingAgencyCourt />
          <CauseNumber />
          <GeneralOffenseCharacter>UNKNOWN</GeneralOffenseCharacter>
          <DegreeofCrime>UNKNOWN</DegreeofCrime>
          <StatuteCitationOffense />
          <CourtOffense>BURGLARY BUILDING W-I COMMIT THEFT</CourtOffense>
          <SentenceDate />
```

```xml
                    <CourtSentenceSuspendedTime />
                    <CourtSentenceSuspendedFine />
                    <CourtConfinement>4 YEARS </CourtConfinement>
                    <CourtProbation />
                    <CourtFine />
                    <CourtCosts />
                    <CourtProvisionDescription>UNKNOWN</CourtProvisionDescription>
                    <AppealDate />
                    <DispositionDuringAppeal />
                    <FinalCourtDecisionOnAppeal />
                    <AgencyReceivingCustody />
                    <MultipleSentence />
                    <OffenseDate />
                  </Offense>
                </Offenses>
              </CriminalHistory>
            </CriminalHistories>
            <Id>2</Id>
            <FirstName>JANE</FirstName>
            <LastName>SMITH</LastName>
            <BirthDate>06/30/1990</BirthDate>
            <CriminalStatus>Clear</CriminalStatus>
          </CriminalProfile>
      </CriminalProfiles>
      <ResponseStatusCode>200</ResponseStatusCode>
      <ResponseStatusMessage>OK</ResponseStatusMessage>
</CriminalResponse>
```

CriminalRequest		
TransactionInfo	*TransactionInfo[]*	Object containing reference data for search transaction
Persons	*Person[]*	Array of Person objects containing requested Persons data
TransactionInfo		
DepartmentId	*String*	Id of the department of the user requesting the Id
UserId	*String*	Id of the user requesting the data
UserName	*String*	Name of the user requesting the data
Person		
Id	*String*	Client assigned Id used to identify the Person in the response data
FirstName	*String*	First name of the requested Person
LastName	*String*	Last name of the requested Person
BirthDate	*Date*	Birth date of the requested Person
CriminalResponse		
CriminalProfiles	*CriminalProfile[]*	Array of Criminal Profile objects matching search criteria
ResponseStatusCode	*Number*	Code of the Response Status (200 = OK)
ResponseStatusMessage	*String*	Description of the Response Status
Criminal Profile		
Id	*String*	Client assigned Id used to identify the requested Person/Criminal for this response
FirstName	*String*	First name of the Person/Criminal. This will be the name supplied in the request.
LastName	*String*	Last name of the Person/Criminal. This will be the name supplied in the request.
BirthDate	*Date*	Date of birth of the person supplied in the request.
CriminalStatus	*String*	Criminal Status is either Clear meaning no criminal history data for this name date of birth or Criminal Records Found.
CriminalHistories	*CriminalHistory[]*	Array of Criminal History objects of criminal records found for the Person/Criminal
CriminalHistory		
SearchSource	*String*	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	*String*	The total number of offenses found for this criminal profile
CriminalHistory		
StateId	*String*	State Id of Criminal Record
Name	*String*	Name of the criminal
Birthdate	*Date*	Birth date of the criminal
Gender	*String*	Gender of the criminal
Race	*String*	Race of the criminal
Height	*String*	Height of the criminal
Weight	*String*	Weight of the criminal
EyeColor	*String*	Eye color of the criminal

HairColor	*String*	Hair color of the criminal
AliasNames	*AliasName[]*	Array of Alias Names – this array is NOT associated with the AliasDobs array
AliasDobs	*AliasDob[]*	Array of Alias Date of Births – this array is NOT associated with the AliasNames array
CriminalSearchStatus	*String*	Status of the criminal history search. Values returned are "Clear" or "Offenses Found".
SearchSource	*String*	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	*String*	The total number of offenses found for this criminal profile
Offenses	*Offense[]*	Array of Offense objects for this criminal
AliasName		
Name	*String*	Alias Name
AliasDob		
Dob	*Date*	Alias Date of Birth
Offense		
OffenseCode	*String*	Code provided by the state for this offense
ConvictionDate	*Date*	Date of the conviction
Disposition	*String*	Disposition of the offense
Description	*String*	Description of the offense
FinalPleading	*String*	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	*String*	
CauseNumber	*String*	
GeneralOffenseCharacter	*String*	
DegreeofCrime	*String*	
StatueCitationOffense	*String*	
CourtOffense	*String*	
SentenceDate	*String*	
CourtSenteceSuspendedTime	*String*	
CourtSentenceSuspendedFine	*String*	
CourtConfinement	*String*	
CourtProbation	*String*	
CourtFine	*String*	
CourtCosts	*String*	
CourtProvisionDescription	*String*	
AppealDate	*String*	
DispositionDuringAppeal	*String*	
FinalCourtDecisionOnAppeal	*String*	
AgencyReceivingCustody	*String*	
MultipleSentence	*String*	

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	