

API Documentation

API: LeadScreen

Version: 2.0.0

Date of Deployment: 5/8/2019

Purpose

Used to retrieve a Fenris LeadScreen Score of an individual.

Request

URL: https://api.fenrisdigital.com /api/v1/scoreleads?apiKey=<OBTAIN_KEY_FROM_FENRIS>

Headers: Content-Type: application/json

Request Method: POST

Request Body Parameters

Field	Type	Description	Example	Required
LeadSource	String	Your company name to denote the owner of this lead	Fenris Digital	N
ApplicantID	String	Alphanumeric string created to identify individual	<Client Reference Number>	Y
Driver		Driver details		Y
Address		Address details		Y
Vehicle		Vehicle details		N

Vehicle

Field	Type	Description	Example	Required
Purpose	String	Main use of vehicle	Commuting	N
Ownership	String	Ownership status of vehicle	LIEN	N
Year	Integer	Model year of vehicle	2009	N
Model	String	Model of vehicle	Vue	N
MileagePerYear	Integer	Annual number of miles driven by vehicle	4000	N
MileagePerDay	Integer	Daily number of miles	15	N

		driven by vehicle		
GarageType	String	NoneOrUnkown, Garage	NoneOrUnknown	N (default NoneOrU nkown)
CurrentValue	Decima l	Current estimated dollar value of vehicle	10000.0	N
WeekdaysUsed	Integer	Number of weekdays vehicle is driven in a week	7	N
Trim	String	Trim level of vehicle	XR	N
Vin	String	Vehicle Identification Number	1G1BN53E6NW12849 5	N
Make	String	Vehicle manufacturer	Saturn	N
IsPrimary	Boolea n	True/False, is this vehicle the owner's primary vehicle	true	N

Driver

Name	Type	Description	Example	Required
FirstName	String	Driver's first name	Nicholas	N
LastName	String	Driver's last name	Long	N
LicenseAge	Integer	Number of years since license issuance	10	N
Relationship	String		IN	N
LicenseStatus	String	Other, Active, Expired, Foreign, Permit, Suspended, Temporary	Active	N (default: Other)
EducationLevel	String	Unknown, LessThanHighSchoolDi ploma, GED, HighSchool, SomeCollegeNoDegree , AssociateDegree, BachelorsDegree, MastersDegree, Doctorage, DoctorMedicine, LawDegree, VocationalTechnical	AssociateDegree	N (default: Unkown)
Occupation	String	Driver's occupation	Programmer	N
Gender	String	Female, Male, Unknown	Male	N (default: Unknown)
Age	Integer	Driver's age	24	N

MaritalStatus	String	Divorced, Married, Single, Widowed	Married	N
PhoneNumber	String	Driver's phone number	4326738366	N
DOB	String	Driver's date of birth	10-11-1960 (MM-DD-YYYY)	N

Address

Name	Type	Description	Example	Notes
City	String	Driver's city of residence	Henrico	N
ZipCode	String	Driver's zip code of residence	23233	N
County	String	Driver's country of residence	Henrico	N
State	String	Two-letter abbreviation of state	VA	N
StreetAddress	String	Driver's street address	123 Some Street	N
HomeOwnership	String	Other, Owned, Rented	Rented	N (default: Other)

Request Body Example

```
{
  "LeadSource": "Fenris Digital",
  "ApplicantId": "<Client Reference Number>",
  "Driver":
  {
    "FirstName": "Nicholas",
    "LastName": "Long",
    "LicenseAge": 10,
    "Relationship": "IN",
    "LicenseStatus": "Active",
    "EducationLevel": "AssociateDegree",
    "Occupation": "Programmer",
    "Gender": "Male",
    "Age": 24,
    "MaritalStatus": "Married",
    "PhoneNumber": "4326738366" ,
    "DOB": "10-11-1960"
  },
  "Address":
```

```
{
  "City": "Henrico",
  "ZipCode": "23233",
  "County": "Henrico",
  "State": "VA",
  "StreetAddress": "123 Some Street",
  "HomeOwnership": "Rented"
},
"Vehicle":
{
  "Purpose": "Commuting",
  "Ownership": "LIEN",
  "Year": 2009,
  "Model": "Vue",
  "MileagePerYear": 4000,
  "MileagePerDay": 15,
  "GarageType": "NoneOrUnknown",
  "CurrentValue": 10000.0,
  "WeekdaysUsed": 7,
  "Trim": "XR",
  "Vin": "1G1BN53E6NW128495",
  "Make": "Saturn",
  "IsPrimary": true,
  "InsurancePlan":
  {
    "InsuranceLineItems": [],
    "Credits": []
  }
}
}
```

Response

Response Messages

HTTPS Status Code	Reason	Response Model
200	OK	<pre>{ "applicantId": "<Client Reference Number>", "fenrisScore": 425, "tier": "NonStandard", "fraudFlag": "MODERATE", "contactabilityScore": 200, "propensityToBuy": 400, "lifeTimeValue": 25, "reasonCodeList": ["Telephone number is blank."] }</pre>
400	Bad Request	
401	Unauthorized	
403	Forbidden	
404	Not Found	
409	Conflict	
500	Internal Server Error	

Response Body Parameters

Name	Type	Notes
applicantID	String	Matches applicantID from request
fenrisScore	Integer	Score ranging 0 - 499
tier	String	NonStandard or Standard or Preferred
fraudFlag	String	Low or Moderate or High
contactabilityScore	Integer	0 or 100 or 200 or 300
propensityToBuy	Integer	100 or 200 or 300 or 400
lifeTimeValue	Integer	0 or 25 or 50 or 75
reasonCodeList	List	List of errors with the data. ex: First name is blank

Response Body Example

```
{  
  "applicantId": "<Client Reference Number>",  
  "fenrisScore": 425,  
  "tier": "NonStandard",  
  "fraudFlag": "MODERATE",  
  "contactabilityScore": 200,  
  "propensityToBuy": 400,  
  "lifeTimeValue": 25,  
  "reasonCodeList": [  
    "Telephone number is blank."  
  ]  
}
```

Notice: Invalid responses include fenris score : 0 (phone number, address, and name are all invalid), 999 (street address is empty).