Web Service Detail for Tracking App

Action URL: http://althuraya-usa.com/trackApp/

Security Key: a85hkrwm20jj584e@df6!km

Mandatory Parameters : security Key, lang, request

Must send all mandatory parameters to server for connection, server will response with json encoded array. Just like following example

{"response":{"code":"2","message":"Connected Successfully","data":{"youSaid":"info"}}}

First index representing response, further in this index also array having indexes code, message and data. Data is also array which first index is youSaid. Code will contain the response code; each code have some specific meaning. Message will contain information about the request, it can be informational or warning, data will contain actual parameters response value.

Sample Request (echo)

To test connectivity between server and application, you can use this web service,

URL: **http://althuraya-usa.com/trackApp/echo.php**

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, 1=English,2=Arabic,3=spanish
request	Send some text in this parameter, you will receive same text as you write

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language code
2	Success Response
3	Invalid Security Key

- message (text)
  relevant message according to code.
- data (array)
  contain response message, same response that was requested in request parameters, in case of error, it will be empty array

Example Request

http://althuraya-usa.com/trackApp/echo.php?securityKey=a85hkrwm20jj584e@df6!km&lang=1&request=Hello%20world

Example Response

{"response":{"code":"2","message":"Connected Successfully","data":{"youSaid":"Hello world"}}}

Get Company Information

To Get company introductory Text, contact detail and website, you can use this web service,

URL: http://althuraya-usa.com/trackApp/companyInfo.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, 1=English,2=Arabic,3=spanish
request	*Info*

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Success Response
3	Invalid value for Request
4	Invalid Security Key

- message (text)
  relevant message according to code.
- data (array)
  contain response message, contact information will be available inside this array, in case of error, it will be empty array

Example Request

http://althuraya-usa.com/trackApp/companyInfo.php?securityKey=a85hkrwm20jj584e@df6!km&lang=1&request=info

Example Response

{"response":{"code":"2","message":"Success","data":{"appTitle":"Althuraya","info":"Althuraya provides the best tracking devices and software solutions that enable customers to improve productivity by enabling the effective management of a fleet of cars all over the world. We also provide the best e-solutions for personal safety and internal security.","phone":"+971 41122555","email":"info@althuraya.com","mobile":"971564743831","website":"www.dowalthuraya.com"}}}

Login Action
To login into application, you can use this web service,

URL: http://althuraya-usa.com/trackApp/logins.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same

	language, **Send the same language ID which retrieved from language web service**
request	***Login***
UserName	Enter User Name
PasswordHash	Password for the login account

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	User is not subscribed for mobile application, that's why he/she is unable to login into Application,
3	Successfully login,
4	UserName or Password is incorrect
5	Invalid Value for Request
6	Invalid Security Key

- message (text)
  relevant message according to code.
- data (array)
  contain response message, User information after login will be available inside this array, also in this array selected language, selected time zone and selected speed meter available, in case of error, it will be empty array

Example Request

http://althuraya-usa.com/trackApp/logins.php?securityKey=a85hkrwm20jj584e@df6!km&lang=1&request=login&UserName=TestUser&PasswordHash=123456

Example Response

{"response":{"code":"3","message":"Successfully Login","data":{"UserID":3,"UserName":"TestUser","Email":"test@yahoo.com","Mobile1":"971564743831","TotalTrackers": 0,"DisableVehicle":"YES"}}}

Get Vehicles for User

To get all vehicles of the user, you can use this web service,

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URL: http://althuraya-usa.com/trackApp/getAllVehicles.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	***userVehicles***
UserID	UserID of the user for which you want to get the vehicles
speedMeter	Send Speed meter value to be return **1=MILES/Hour , 2=KM/Hour**
timeZone	Send Time Zone in which format, want to show the time **Send the same timeZine ID which retrieved from time zone webservice**

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Successfully get the list of vehicles
3	No vehicle for this user
4	Invalid Value for Request
5	Invalid Security Key

- message (text)
  relevant message according to code.
- data (array)
  contain response message, All vehicles for this user will be inside this array in form of array, in case of error, it will be empty array
- labels (array)
  Labels for Vehicles attributes inside this array,

- totalVehicles (integer)
  this will show total number of vehicles fetched for this user

Example Request

http://althuraya-usa.com/trackApp/getAllVehicles.php?securityKey=a85hkrwm20jj584e@df6!km&request=userVehicles&lang=1&UserID=1&timeZone=ASIA/DUBAI&speedMeter=1

Example Response

{"response":{"code":"2","message":"Vehicle List fetched succesfully","data":[{"TRACKER_GUID":3,"TrackerName":"22222","NumberPlate":"22222","Speed":0.0621371,"Latitute":"28.294870","Langtitute":"-81.471092","Mileage":"2372.302000","Time":"20-09-2015 03:18:41 am","Engine":"Off","AlarmTitle":"Signal","Alert":0,"IMEI":"20150819002","deviceID":9},{"TRACKER_GUID":8,"TrackerName":"testing2","NumberPlate":"testing2","Speed":0,"Latitute":"28.451810","Langtitute":"-81.408280","Mileage":"0.015000","Time":"01-09-2015 12:10:40 am","Engine":"Off","AlarmTitle":"Signal","Alert":0,"IMEI":"11111111111","deviceID":9}],"labels":{"numberPlate":"Number Plate","speed":"Speed","trackertime":"Time","status":"Status","speedUnit":"MILes\/Hour","TimeZone":"ASIA\/DUBAI","ignition":"Ignition","address":"Address","mileage":"Mileage","turnOff":"Switch Off","turnOn":"Switch On","areYouSure":"Are You Sure?","routeReplay":"Route Replay"},"totalvehicles":2}}

Get Detail for Vehicle

To get detail of vehicles, you can use this web service,

URL: http://althuraya-usa.com/trackApp/getVehicleDetail.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language,
request	*vehicleDetail*
trackerID	trackerID of the vehicle for which you want to get the detail
speedMeter	Send Speed meter value to be return **1=for MILES/Hour , 2= for KM/Hour**

timeZone	Send Time Zone in which format, want to show the time **Send the same timeZine ID which retrieved from time zone webservice**

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Successfully get the detail of vehicle
3	No detail found for this this vehicle
4	Invalid Value for Request
5	Invalid Security Key

- message (text)
  relevant message according to code.
- data (array)
  contain response message, Detail about vehicle will be inside this array in form of array, in case of error, it will be empty array
- labels (array)
  Labels for Vehicles attributes inside this array,

Example Request

Example Response

{"response":{"code":"2","message":"Vehicle Detail fetched succesfully","data":[{"TRACKER_GUID":3,"TrackerName":"22222","NumberPlate":"22222","Speed":0,"Latitute":"28.294880","Langtitute":"-81.471042","Mileage":"2372.302000","Time":"20-09-2015 03:48:47 am","speedUnit":"KM\/Hour","TimeZone":"ASIA\/DUBAI","Engine":"Off","AlarmTitle":"Signal","Alert":0,"IMEI":"20150819002","disabled":"NO","deviceID":9}],"labels":{"numberPlate":"Number Plate","speed":"Speed","trackertime":"Time","status":"Status","ignition":"Ignition","address":"Address","mileage":"Mileage","turnOff":"Switch Off","turnOn":"Switch On","areYouSure":"Are You Sure?","routeReplay":"Route Replay"}}}

Switch Off / Switch On Car

To switch off or switch on vehicle remotely, you can use this web service,

URL: http://althuraya-usa.com/trackApp/doAction.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*action*
trackerID	trackerID of the vehicle to whom you want to switch on or switch off
action	*turnOn=* to switch on the car
	turnoff= to switch off the car

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Action performed successfully
3	Action fail due to some reason
4	Invalid Value for action
5	No detail found for this vehicle
6	Invalid value for request
7	Invalid security key

- message (text)

  relevant message according to code.

- data (array)

  contain empty data array, can be used for further reference

Example Request

http://althuraya-usa.com/trackApp/doAction.php?securityKey=a85hkrwm20jj584e@df6!km&request=action&lang=1&trackerID=8&action=turnOn

Example Response

{"response":{"code":"2","message":"Switched On Successfully","data":[]}}

Contact Us Form

To integrate contact us form with database, you can use this web service,

URL: http://althuraya-usa.com/trackApp/contactUS.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*contactUs*
name	Name of the customer
phone	Phone number of the customer, it must be in numeric form and more than 7 digits
email	Valid email address
subject	Subject of the message
message	Message from the user
device	Send device plateform *IOS=* for apple device *Android=*for android device
ipAddress	Send valid IP Address of the User

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Information Saved Successfully
3	Invalid Value for Request
4	Form have validation issue, kindly check data array, Non Null values have some validation issue.
5	Invalid security key

- message (text)
  relevant message according to code.
- data (array)
  contain data array for validation, each index contains field name, if index value is NULL , it means that it do not have any validation problem, any non NULL value have validation issue, check value for detail.

Example Request

http://althuraya-usa.com/trackApp/contactUS.php?securityKey=a85hkrwm20jj584e@df6!km&request=contactUs&lang=1&name=Kashif%20Ali&phone=97156477355&email=kashif@dowalthuraya.net&subject=test&message=it%20is%20test%20message&device=ios&ipAddress=192.168.1.1

Example Response

{"response":{"code":"2","message":"Thank You for contacting Us. We will contact you shortly","data":[]}}

Get Lebels

To Get the label for different pages in required language, you can use this web service,

URL: http://althuraya-usa.com/trackApp/ getLabels.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*label*
labelFor	Provide name of the page, for whom you need label Dashboard= to get the label for dashboard (note remaining values for all pages will be share with you time by time)

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Label Retrieved Successfully
3	Invalid Value for labelFor
4	Invalid Value for request
5	Invalid security key

- message (text)
  relevant message according to code.
- data (array)
  contain data array for Labels, each index contains labelValue in requested language

Example Request

http://althuraya-usa.com/trackApp/getLabels.php?securityKey=a85hkrwm20jj584e@df6!km&lang=1&request=label&labelFor=dashboard

Example Response

{"response":{"code":"2","message":"labels retrieved successfully","data":{"coreTracking":"Core Tracking","monitorVechiles":"Monitor Vehicles","routeReplay":"Route Replay","alerts":"Alerts","poi":"Point of Interest","followUp":"Follow Up","geoFencing":"Geo Fence","maintenance":"Maintenance","pushNotification":"Push Notification","setting":"Settings"}}}

Get Alarms

To get total alarms listing, you can use this service

URL: http://althuraya-usa.com/trackApp/getAlarms.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*alarmList*

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Alarm List Retrieved Successfully
3	No Alarm list Found
4	Invalid Value for request
5	Invalid security key

- message (text)
  relevant message according to code.
- data (array)
  contain data array for list of Alarms, each array contains Alarm ID and Alarm Name,
  Alarm ID to be used in application for further working
  Alarm Name to be used in application to show the user

Example Request

http://althuraya-usa.com/trackApp/getAlarms.php?securityKey=a85hkrwm20jj584e@df6!km&lang=1&request=alarmList

Example Response

{"response":{"code":"2","message":"Alarm List retrieved successfully","data":[{"alarmID":1,"alarmName":"SOS"},{"alarmID":2,"alarmName":"No Battery"},{"alarmID":3,"alarmName":"Auto Shutdown"},{"alarmID":4,"alarmName":"Low Battery"},{"alarmID":5,"alarmName":"OverSpeed"},{"alarmID":6,"alarmName":"Recover OverSpeed"},{"alarmID":7,"alarmName":"Signal"},{"alarmID":8,"alarmName":"Out Fence"},{"alarmID":9,"alarmName":"Into Fence"},{"alarmID":10,"alarmName":"Engine ON"},{"alarmID":11,"alarmName":"Engine Off"},{"alarmID":12,"alarmName":"Charging Start"},{"alarmID":13,"alarmName":"Heart Beat"},{"alarmID":14,"alarmName":"Sleep"},{"alarmID":15,"alarmName":"Wake Up"},{"alarmID":16,"alarmName":"Forward Accelaration "},{"alarmID":17,"alarmName":"Reverse Accelaration"},{"alarmID":18,"alarmName":"Turn"},{"alarmID":19,"alarmName":"Parking Alarm"},{"alarmID":20,"alarmName":"On Recovery"},{"alarmID":21,"alarmName":"Low Battery Alarm"},{"alarmID":22,"alarmName":"Door Open"},{"alarmID":23,"alarmName":"Door Close"},{"alarmID":30,"alarmName":"Accident Alarm"},{"alarmID":31,"alarmName":"AntiTheft Alarm"},{"alarmID":32,"alarmName":"LowerSpeed"}]}}

Get Time Zone List

To get Time Zone list, you can use this service

URL: http://althuraya-usa.com/trackApp/getTimeZone.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*timeZoneList*

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Time Zone List retrieved successfully
3	Invalid Value for request
4	Invalid security Key

- message (text)

  relevant message according to code.
- data (array)

  contain data array for Time Zones, each index contains one Time Zone in this format
  ASIA/DUBAI, you will also send timezone parameter in same format to server.

Example Request

http://althuraya-usa.com/trackApp/getTimeZone.php?securityKey=a85hkrwm20jj584e@df6!km&request=timeZoneList&lang=1

Example Response

{"response":{"code":"2","message":"Alarm List retrieved successfully","data":["Africa\/Abidjan","Africa\/Accra","Africa\/Addis_Ababa","Africa\/Algiers"]}}

Get Language List

To get Language list, you can use this service

URL: http://althuraya-usa.com/trackApp/getLanguages.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*langList*

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Language List retrieved successfully
3	No Language List Found
4	Invalid Value for request
5	Invalid Security Key

- message (text)
  relevant message according to code.
- data (array)
  contain data array for languages list, each index contains language id and language name.

Example Request

http://althuraya-usa.com/trackApp/getLanguages.php?securityKey=a85hkrwm20jj584e@df6!km&request=langList&lang=1

Example Response

{"response":{"code":"2","message":"Language List retrieved successfully","data":[{"languageID":1,"langName":"English"},{"languageID":2,"langName":"Arabic"},{"languageID":3,"langName":"Spanish"}]}}

Get Speed Meter Values

To get Speed Meter Unit List, you can use this service

URL: http://althuraya-usa.com/trackApp/getSpeedMeter.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*getSpeedUnits*

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Speed Unit List retrieved successfully
3	Invalid Value for request
4	Invalid security Key

- message (text)

  relevant message according to code.
- data (array)

  contain data array for Speed Units.

Example Request

http://althuraya-usa.com/trackApp/getSpeedMeter.php?securityKey=a85hkrwm20jj584e@df6!km&request=getSpeedUnits&lang=1

Example Response

{"response":{"code":"2","message":"TimeZone List retrieved successfully","data":{"MILES\/Hour":"MILES\/Hour","KM\/Hour":"KM\/Hour"}}}

Get Vehicle History or Trip Report

To get Vehicle History for particular time of period, or to get Trip Report for some particular time of period, you can use this service

URL: http://althuraya-usa.com/trackApp/getVehicleTrips.php

HTTP Request

Find below list of parameters when issuing a HTTP Request

Parameter	Description
securityKey	Enter security Key for the Application
lang	Send current language selected by the user, you will get response in the same language, **Send the same language ID which retrieved from language web service**
request	*routeReplay*
trackerID	Tracker ID of the vehicle which you need to find history/route replay
startDate	Start date of the history/route, date should be in this format Y-m-d H:M:S.000 i.e. 2015-09-18 15:10:01.000
endDate	End date of the history/route, date should be in this format Y-m-d H:M:S.000 i.e. **2015-09-18 15:10:01.000**
alarmType	Send alarm code against which user want to get the history/route replay, you will send the same alarm id that you received from the web service of get alarms
replayType	Send replay type, user will select continues or Trip Report **For continues = 1** **For trip report = 2**
timeZone	Send the time zone value in which you want to get date time, you will send the same time Zone id that you received from the web service of get time zones
speedMeter	Send speed Meter unit value, note that you will receive speed and mileage value in same unit that you passed in request **1= for MILES/Hour , 2= for KM/Hour**

HTTP Response

HTTP Response from the server will contain the following

- code (integer)

Code	Description
1	Incomplete Parameters or Invalid Parameters or invalid language
2	Vehicle History retrieved successful, this is against replaytype 1 (continues)
3	Vehicle Trip Report retrieved successfully , this is against replaytype 2 (trip report)

4	No record found for the given parameters
5	Invalid value for request
6	Invalid Security Key

- message (text)
  relevant message according to code.
- data (array)
  contain data array for history/trips. If response code is 2 then this is continues data, if response code is 3 then it is trip report data,

Example Request Continues data

http://althuraya-usa.com/trackApp/getVehicleTrips.php?securityKey=a85hkrwm20jj584e@df6!km&request=routeReplay&lang=1&trackerID=3&startDate=2015-09-18%2015:10:01.000&endDate=2015-09-19%2009:45:00.000&alarmType=0&replayType=1&timeZone=America/New_York&speedMeter=2

Example Response Continues Data

"response":{"code":"2","message":"Vehicle Detail fetched succesfully","data":[{"trackerID":3,"NumberPlate":"22222","Speed":29,"Latitute":"29.197243","Langtitute":"-81.060502","Mileage":2228.194,"Time":"18-09-2015 03:10:23 pm","Engine":"On","AlarmTitle":"Signal"},{"trackerID":3,"NumberPlate":"22222","Speed":43.7,"Latitute":"29.200158","Langtitute":"-81.061565","Mileage":2228.528,"Time":"18-09-2015 03:10:52 pm","Engine":"On","AlarmTitle":"Signal"}],"labels":{"numberPlate":"Number Plate","speed":"Speed","speedUnit":"KM\/Hour","mileageUnit":"KM\/Hour","TimeZone":"America\/New_York","trackertime":"Time","status":"Status","ignition":"Ignition","address":"Address","mileage":"Mileage"}}}

Example Request Trip Report

http://althuraya-usa.com/trackApp/getVehicleTrips.php?securityKey=a85hkrwm20jj584e@df6!km&request=routeReplay&lang=1&trackerID=3&startDate=2015-09-18%2015:10:01.000&endDate=2015-09-19%2009:45:00.000&alarmType=0&replayType=2&timeZone=America/New_York&speedMeter=2

Example Response Trip Report

{"response":{"code":"3","message":"Vehicle Trip fetched succesfully","data":[{"Trip1":{"startTime":"18-09-2015 03:24:36 pm","endTime":"18-09-2015 03:38:22 pm","startLatitude":"29.211825","startLongitude":"-81.073312","endLatitude":"29.203357","endLongitude":"-81.068267","distanceTravel":1.813,"driveTime":" 13 Minutes 46 Seconds ","minimumSpeed":0,"maximumSpeed":71.3,"averageSpeed":6.14333333333,"tripSignal":[{"tripNumber":1,"trackerID":3,"NumberPlate":"22222","Speed":0,"Latitute":"29.211825","Langtitute":"-81.073312","Mileage":2230.828,"Time":"18-09-2015 03:24:36 pm","Engine":"On","AlarmTitle":"Signal"},{"tripNumber":1,"trackerID":3,"NumberPlate":"22222","Speed":0,"Latitute":"29.211830","Langtitute":"-81.073310","Mileage":2230.828,"Time":"18-09-2015 03:25:13 pm","Engine":"On","AlarmTitle":"Signal"},

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