

Vehicle Information Database Service

Specification Document

|  |
| --- |
| All information contained in this document is confidential and it is intended only for the use of the staff of RTA in charge with evaluation of the proposed solution. None of the information in this document may be disclosed to a third party without prior approval of l-SOFT Emirates. |

**Document Control**

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revised By** | **Revision**  **Date** | **Version**  **Number** | **Summary of Changes** | **Sections Affected** |
| Ibrahim Hamarneh | 20/06/2018 | 1.0 | First draft |  |
| Ibrahim Hamarneh | 27/09/2018 | 1.0 | Second Version |  |

**Approvals**

This document requires the approval of:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Signature** | **Date** |
| Waseem Zawaideh | Technical Team Leader |  | 29/04/2018 |

Table of Contents

[**Introduction** 4](#_Toc530580849)

[**Functional specifications** 4](#_Toc530580850)

[**Service Operations** 4](#_Toc530580851)

[WSDL File 5](#_Toc530580852)

[Vehicle Inspection Service Operations: 5](#_Toc530580853)

[Notes and issues: 5](#_Toc530580854)

[Vehicle Information Database Service 6](#_Toc530580855)

[1. Add Manufacturer with Model Operation 6](#_Toc530580856)

[Operation Parameters 6](#_Toc530580857)

[Sample SOAP Request: 7](#_Toc530580858)

[Sample SOAP Response: 7](#_Toc530580859)

[2. Add Model Operation 7](#_Toc530580860)

[Operation Parameters 7](#_Toc530580861)

[Sample SOAP Request: 7](#_Toc530580862)

[Sample SOAP Response: 7](#_Toc530580863)

[Fault Response: 8](#_Toc530580864)

[Error Response Type 8](#_Toc530580865)

# **Introduction**

Vehicle Information Database Web Service Specification Document is used to Add Vehicle Model and Add Manufacturer to E-Traffic System.

This document describes Vehicle Information Database Web Service functional specifications which include the service endpoint, operations, input operation parameters, operation response and applications errors.

# **Functional specifications**

Vehicle Information Database Web Service will be deployed on E-Traffic system and used by the CIS system.

|  |  |
| --- | --- |
| **Service name** | VehicleInformationDatabaseService |
| **Service description** | VehicleInformationDatabaseService |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/VehicleInformationDatabaseService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/VehicleInformationDatabaseService?wsdl |

# **Service Operations**

This section describes Vehicle Information Database Web Service operations, input operation parameters, operation response and applications errors.

WSDL File



Vehicle Inspection Service Operations:

1. **addManufacturerWithModelOperation**
2. **addModelOperation**

## Notes and issues:

* Access to this web service is limited to the authorized clients, the web service clients has to authenticate themselves to the service provider, which lead to preventing unauthorized clients from calling the service.

## Vehicle Information Database Service

## 1. Add Manufacturer with Model Operation

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| manufacturerId | Long | 15 | Yes | Manufacture Id |
| manufacturerCode | String | 64 | Yes | Manufacture Code |
| manufacturerNameAr | String | 64 | Yes | Manufacture Name In Arabic |
| manufacturerNameEn | String | 64 | Yes | Manufacture Name In English |
| modelCode | String | 64 | No | Model Code |
| modelNameAr | String | 64 | No | Model Name In Arabic |
| modelnameEn | String | 64 | No | Model Name In English |
| vdsCode | String | 11 | No | Vehicle Descriptor Section Code |
| vehicleClassCode | Long | 3 | Yes | Vehicle Class Code |
| countryId | Long | 15 | Yes | Country Id |
| fuelType | Long | 1 | No | Fuel Type |
| engineNo | Long | 30 | Yes | Engine No |
| cylinderSize | Long | 3 | Yes | Cylinder Size |
| cylinderNo | Long | 30 | Yes | Cylinder No |
| axisNo | Long | 3 | Yes | Axis No |
| enginePower | Decimal | 15 | Yes | Engine Power |
| wheelType | Long | 1 | Yes | Wheel Type |
| vehicleWight | Long | 15 | Yes | Vehicle Wight |
| loadWeight | Long | 8 | Yes | Load Weight |
| noOfSeat | Long | 3 | Yes | No Of Seat |
| noOfDoors | Long | 2 | Yes | No Of Doors |
| Trim | String | 64 | Yes | Trim |
| bodyStyle | String | 64 | Yes | Body Style |

### Sample SOAP Request:



### Sample SOAP Response:

 

## 2. Add Model Operation

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| code | String | 64 | No | Code |
| manufacturerCode | String | 64 | No | Manufacture Code |
| nameAr | String | 64 | No | Name In Arabic |
| nameEn | String | 64 | No | Name In English |

### Sample SOAP Request:

 

### Sample SOAP Response:

 

## Fault Response:

## Error Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| code | Integer | N/A | Yes | Response Code |
| description | String | N/A | Yes | Response Description |