

Driver Test Transaction Service

Specification Document

# Document Control

Revision History

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Revised By | Revision  Date | Version  Number | Summary of Changes | Sections Affected |
| Ahmad M. Adawi | 13/09/2018 | 0.1 | First draft |  |
| Muath Albasheer | 18/11/2018 | 0.2 | Second draft | Rename submitOpticalResultsOperation to submitUTSOpticalResultOperation |
| Oday Qasem | 16/12/2018 | 0.3 | third draft | Add new operation presentEmployeOperation related on TRF-71940 |
| Mohammad Qasim | 17/12/2018 | 0.4 | 4rd draft | Update Present Examinee Operation Request related to TRF-71942 |
| Ahmad Abo AlShamat | 10/02/2019 | 0.5 |  | Clarifying the description of attendedBy parameter in Present Examinee operation.  The change is highlighted in Yellow |

Approvals

This document requires the approval of:

|  |  |  |  |
| --- | --- | --- | --- |
| Name | Title | Signature | Date |
| Wassem zawaideh | Technical Lead |  | 13/09/2018 |

# Table of Contents

[Document Control 2](#_Toc2602632)

[Table of Contents 3](#_Toc2602633)

[Introduction 4](#_Toc2602634)

[Functional specifications 4](#_Toc2602635)

[WSDL 5](#_Toc2602636)

[Service Operations 5](#_Toc2602637)

[Present Examinee Operation 5](#_Toc2602638)

[Operation Parameters 5](#_Toc2602639)

[Present Examinee Request Type 5](#_Toc2602640)

[Sample Request 6](#_Toc2602641)

[Sample Response 6](#_Toc2602642)

[Submit Payment Clearance Operation 6](#_Toc2602643)

[Operation Parameters 6](#_Toc2602644)

[Submit Payment Clearance Request Type 7](#_Toc2602645)

[Submit Payment Clearance Response Type 7](#_Toc2602646)

[Sample Request 9](#_Toc2602647)

[Sample Response 9](#_Toc2602648)

[Submit UTS Optical Result Operation 10](#_Toc2602649)

[Operation Parameters 10](#_Toc2602650)

[Submit UTS Optical Result Request Type 10](#_Toc2602651)

[Test\_Result\_Table 11](#_Toc2602652)

[Submit UTS Optical Result Response Type 11](#_Toc2602653)

[Sample Request 12](#_Toc2602654)

[Sample Response 12](#_Toc2602655)

[Submit Examinee Training Info Operation 13](#_Toc2602656)

[Operation Parameters 13](#_Toc2602657)

[Submit Examinee Training Info Request 13](#_Toc2602658)

[Submit Examinee Training Info Response Type 13](#_Toc2602659)

[Response Type 14](#_Toc2602660)

[Sample Request 14](#_Toc2602661)

[Sample Response 14](#_Toc2602662)

[Update Yard Device Status Operation 15](#_Toc2602663)

[Operation Parameters 15](#_Toc2602664)

[Update Yard Device Status Request 15](#_Toc2602665)

[Vehicle Status List Type 15](#_Toc2602666)

[Vehicle Status Type 15](#_Toc2602667)

[Update Yard Device Status Response Type 15](#_Toc2602668)

[Sample Request 17](#_Toc2602669)

[Sample Response 17](#_Toc2602671)

[Present Employee Operation 17](#_Toc2602672)

[Operation Parameters 17](#_Toc2602673)

[Present Employee Request 17](#_Toc2602674)

[Sample Request 18](#_Toc2602675)

[Sample Response 18](#_Toc2602677)

# Introduction

This document describes Driver Test Transaction Service functional specifications which include the service endpoint, operations, input operation parameters, operation response and applications errors.

# Functional specifications

|  |  |
| --- | --- |
| Service name | DriverTestTransactionService |
| Service description | DriverTestTransactionService |
| End Point | http://localhost:7101/traffic/ws/resources/soap/DriverTestTransactionService |
| WSDL | [http://localhost:7101/traffic/ws/resources/soap/DriverTestTransactionService?wsdl](http://localhost:7101/traffic/ws/resources/soap/ExamineeService?wsdl) |

# WSDL



# Service Operations

## Present Examinee Operation

This operation will confirm the presence of the examinee in the exam

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| presentExamineeRequest | Complex Type | N/A | No | PresentExamineeRequestRequest Type |

### Present Examinee Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| trialId | Long | 15 | No | Trail Id |
| attendanceStatus | Integer | 1 | No | Attendance Status  1: Absent  2: Attended |
| attendanceTime | DateTime | N/A | Yes | Attendance Date Time ("yyyy-MM-dd'T'HH:mm:ss'") |
| attendedBy | String | 128 | No | The examiner number whom present the examinee.  EX: rta4166 |

**Present** **Examinee Response Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| presentExamineeReturn | Complex Type | N/A | No | The element contains the Response information. |

**Response** **Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| responseCode | String | 10 | No | Response Code,0 : Success.  1 : Failed (in case there is a violation).999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |
| violationsList | Complex Type | N/A | Yes | Violations List |

**Violations List Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| violation | Complex Type | N/A | No | List of the violations. |

**Violation Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| descriptionEn | String | N/A | No | Description En |
| descriptionAr | String | N/A | No | Description Ar |
| code | String | N/A | No | Code |

### Sample Request



### Sample Response



## Submit Payment Clearance Operation

Submit payment clearance to E-traffic system

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| submitPaymentClearanceRequest | Complex Type | N/A | No | SubmitPaymentClearanceRequest Type |

### Submit Payment Clearance Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| centerCode | Integer | 4 | No | Center Code |
| trafficFileNo | Long | 8 | No | Traffic File Number |
| allowedServiceCode | Integer | 3 | No | Allowed Service Code  7 : Booking Exam Appointment  8 : Update Exam Appointment  25 : Translation service |
| paymentDateTime | String | N/A | No | Exam Date ("yyyy-MM-dd'T'HH:mm:ss.SSS'Z'") |
| paymentClearanceExamCode | Integer | 4 | Conditional | Pay Clearance Exam Code mandatory with the following cases: if the service is 7 : Booking Exam Appointment  Value Options :  3 : Road, طريق  8 : VIP, فحصالخدمةالمميزة  2: Theory : فحصالاشارات  if the service is 8 : Update Exam Appointment  Value Options :  3 : Road, طريق  8 : VIP, فحصالخدمةالمميزة  2: Theory : فحصالاشارات  if the service is 25 : Translation service  Value Options :  2: Theory : فحصالاشارات |

### Submit Payment Clearance Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| paymentClearanceId | Long | N/A | No | Payment Clearance Id |
| responseType | Complex Type | N/A | No | The element contains the Response information. |

**Response Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| responseCode | String | 10 | No | Response Code,  0 : Success.  1 : Failed (in case there is a violation).  999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |
| violationsList | Complex Type | N/A | Yes | Violations List |

**Violations List Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| violation | Complex Type | N/A | No | List of the violations. |

**Violation Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| descriptionEn | String | N/A | No | Description En |
| descriptionAr | String | N/A | No | Description Ar |
| code | String | N/A | No | Code |

### Sample Request



### Sample Response



## Submit UTS Optical Result Operation

This method is used to submit UTS Optical Result in E-Traffic System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| submitUTSOpticalResultRequest | Complex Type | N/A | No | submitUTSOpticalResultRequest |

### Submit UTS Optical Result Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| Right Eye | Integer | N/A | No | Right Eye  [Test\_Result\_Table](#_Table_1Test_Result_Table) |
| Left Eye | Integer | N/A | No | Left Eye  [Test\_Result\_Table](#_Table_1Test_Result_Table) |
| With Glasses | Boolean | N/A | No | With Glasses |
| Photo Base 64 | base64Binary | N/A | No | Photo Base 64 |
| PersonId | Long | 15 | No | PRT Id |
| OpticalId | Long | 15 | No | OPT Id |
| First Attachment | base64Binary | N/A | Yes | First Attachment |
| Second Attachment | base64Binary | N/A | Yes | Second Attachment |
| Third Attachment | base64Binary | N/A | Yes | Third Attachment |
| User Name | String | N/A | No | User Name |
| Has Valid Data | Boolean | N/A | No | Has Valid Data |

### Test\_Result\_Table

|  |  |
| --- | --- |
| OPTICAL\_RESULT [Right/Lift] Eye Test | Meaning |
| 1 | 6/6 |
| 2 | 6/9 |
| 3 | 6/12 |
| 4 | 6/18 |
| 5 | 6/24 |
| 6 | 6/36 |
| 7 | 6/60 |
| 8 | Blind  فاقد البصر أو مستأصلة |
| 9 | 6/4 |
| 10 | 6/5 |
| 11 | 6/32 |

### Submit UTS Optical Result Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| submitUTSOpticalResultReturn | Complex Type | N/A | No | The element contains the Response information. |

**Response Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| responseCode | String | 10 | No | Response Code,  0 : Success.  1 : Failed (in case there is a violation).  999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |
| violationsList | Complex Type | N/A | Yes | Violations List |

**Violations List Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| violation | Complex Type | N/A | No | List of the violations. |

**Violation Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| descriptionEn | String | N/A | No | Description En |
| descriptionAr | String | N/A | No | Description Ar |
| code | String | N/A | No | Code |

### Sample Request



### Sample Response



## 

## Submit Examinee Training Info Operation

This method is used submit training info by driving institutes.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| submitExamineeTrainingInfoRequest | Complex Type | N/A | No | SubmitExamineeTrainingInfoRequest type |

### Submit Examinee Training Info Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| trafficFileNo | Number | 8 | No | Trainee Traffic File Number |
| centerId | Number | 15 | Yes | Trainee Center Id |
| trainingTypeCode | Number | 4 | No | Training Type Code. |
| startDate | Date | N/A | Yes | Training Start Date |
| endDate | Date | N/A | Yes | Training End Date |
| totalLessonsNo | Number | 5 | Yes | Training Total Lessons Number |
| examResult | Number | 1 | Yes | Training Exam Result If Training Type Is Exam |
| employeeNo | String | 15 | yes | Employee No |
| userName | String | N/A | No | User Name Who Use This Service |
| transactionType | Number | 1 | No | Transaction Type :  Insert : 1  Update : 2  Cancel :3 |
| cancelationReason | String | 1024 | Yes | Cancelation Reason In Case Of Cancelling Training Info |
| permitNo | number | 15 | No | Trainer permit Number |
| PermitType | String | 15 | No | Trainer permit Type |
| permitCategory | String | 15 | No | Trainer permit category |

### Submit Examinee Training Info Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| submitExamineeTrainingInfoReturn | Complex Type | N/A | No | The element contains the Response information. |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| responseCode | String | 10 | No | Response Code,  0 : Success.  1 : Failed (in case there is a violation).  999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |
| violationsList | Complex Type | N/A | Yes | Violations List |

**Violations List Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| violation | Complex Type | N/A | No | List of the violations. |

**Violation Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| descriptionEn | String | N/A | No | Description En |
| descriptionAr | String | N/A | No | Description Ar |
| code | String | N/A | No | Code |

### Sample Request



### Sample Response



## Update Yard Device Status Operation

This method is used update yard device status into E-Traffic System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| externalUsername | String | N/A | No | External Username |
| updateYardDeviceStatusRequest | Complex Type | N/A | No | Update Yard Status Request Type |

### Update Yard Device Status Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| centerId | Long | N/A | No | Center Id |
| vehicleStatusList | Comlex Type | N/A | No | Vehicle Status List |

### Vehicle Status List Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| vehicleStatusDetail | Complex Type | N/A | No | Vehicle Status Detail |

### Vehicle Status Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| vehicleId | Long | N/A | No | Vehicle Id |
| status | String | N/A | No | Status |

### Update Yard Device Status Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| acknowledgment | Complex Type | N/A | No | acknowledgment |

**Update Yard Device Status Acknowledgment Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| vehicleId | Long | N/A | No | Vehicle Id |
| acknowledgment | Complex Type | N/A | No | Acknowledgment |
| violationsList | Complex Type | N/A | No | Violations List |

**Violations List Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| violation | Complex Type | N/A | No | List of the violations. |

**Violation Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| descriptionEn | String | N/A | No | Description En |
| descriptionAr | String | N/A | No | Description Ar |
| code | String | N/A | No | Code |

### Sample Request

### 

### Sample Response



## Present Employee Operation

This method is used to Present Employee in E-Traffic System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| externalUsername | String | N/A | No | External Username |
| presentEmployeeRequest | Complex Type | N/A | No | Present Employee Request |

### Present Employee Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| employeeNo | String | N/A | No | Employee No |
| attendanceDateTime | DateTime | N/A | No | Attendance Date Time ("yyyy-MM-dd'T'HH:mm:ss'") |
| centerId | Long | N/A | Yes | Center Id |
| attendanceAction | Integer | N/A | No | Attendance Action |
| sourceDeviceKey | String | N/A | Yes | Source Device Key |

**Present** **Employee Response Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| presentEmployeeResponse | Complex Type | N/A | No | The element contains the Response information. |

**Response** **Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| responseCode | String | 10 | No | Response Code,0 : Success.  1 : Failed (in case there is a violation).999: Error |
| responseDescAr | String | 1024 | No | Response Arabic Description |
| responseDescEn | String | 1024 | No | Response English Description |
| violationsList | Complex Type | N/A | Yes | Violations List |

**Violations List Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| violation | Complex Type | N/A | No | List of the violations. |

**Violation Type**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Type | Length | Optional | Description |
| descriptionEn | String | N/A | No | Description En |
| descriptionAr | String | N/A | No | Description Ar |
| code | String | N/A | No | Code |

### Sample Request

### 

### Sample Response

## 