

Traffic File Service Web Service Specification Document

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**Document Control**

**Revision History**

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**Approvals**

This document requires the approval of:

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| **Name** | **Title** | **Signature** | **Date** |
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Table of Contents

[**Introduction** 4](#_Toc522026031)

[**Functional specifications** 4](#_Toc522026032)

[**Service Operations** 4](#_Toc522026033)

[WSDL File 5](#_Toc522026034)

[TrafficFileService Service Operations: 5](#_Toc522026035)

[Notes and issues: 5](#_Toc522026036)

[TrafficFileService 6](#_Toc522026037)

[1. Open Traffic File Operation 6](#_Toc522026038)

[1.1. Operation Parameters 6](#_Toc522026039)

[1.1. Open Traffic File Request 6](#_Toc522026040)

[1.2. Person 7](#_Toc522026041)

[1.3. GenderValues 11](#_Toc522026042)

[1.4. EmirateValues 12](#_Toc522026043)

[1.5. EmiCityCodeValues 12](#_Toc522026044)

[1.6. VisaTypeValies 13](#_Toc522026045)

[1.7. BloodGroupValues 13](#_Toc522026046)

[1.8. EidDataSourceValues 14](#_Toc522026047)

[1.9. Sample SOAP Request 14](#_Toc522026048)

[1.10. Sample SOAP Response 14](#_Toc522026049)

[FaultResponse: 14](#_Toc522026050)

[Error Response Type 14](#_Toc522026051)

[Notes and Issues 15](#_Toc522026052)

# **Introduction**

This document describes Traffic File Service web Service functional specifications which include the service endpoint, operations, input operation parameters, operation response and applications errors.

# **Functional specifications**

TrafficFileService web Service will be deployed on Smart Licensing system and used by external entities to open a traffic file.

|  |  |
| --- | --- |
| **Service name** | TrafficFileService |
| **Service Description** | TrafficFileService used to open a traffic file |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/TrafficFileService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/TrafficFileService?wsdl |

# **Service Operations**

This section describes TrafficFileService Web Service operations, input operation parameters, operation response and applications errors.

## WSDL File



## Traffic File Service Operations:

* openTrafficFileOperation

## 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.

## TrafficFileService

## Open Traffic File Operation

This method is used to open a traffic file info in Smart Licensing System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| openTrafficFileRequest | Complex Type | N/A | No | Open Traffic File Request |

### Open Traffic File Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| person | Complex Type | N/A | No | Person Type |

### Person

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| nameAr | String | 128 | Yes | Person Name in Arabic. |
| nameEn | String | 128 | Yes | Person Name in English. |
| birthDate | String | N/A | Yes | Person Birth Date. |
| gender | GenderValues | N/A | Yes | Person Gender. |
| countryId | long | 15 | Yes | Person Country Id. |
| occupationId | Long | 15 | Yes | Person Occupation Id. |
| passportNo | String | 30 | Yes | Person Passport Number. |
| passportExpiryDate | String | N/A | Yes | Person Passport Expiry Date. |
| passportIssuePlace | String | 30 | Yes | Person Passport Issue Place. |
| emiCode | EmirateValues | N/A | Yes | Person Passport Issue Place ( emirate code). |
| sponsorNameAr | String | 64 | Yes | Sponsor Name in Arabic. |
| sponsorNameEn | String | 64 | Yes | Sponsor Name in English. |
| sponsorPhone | String | 15 | Yes | Sponsor Phone. |
| sponsorAddress | String | 128 | Yes | Sponsor Address. |
| residencyNo | String | 30 | Yes | Person Residency Number. |
| residencyExpiryDate | String | N/A | Yes | Person Residency Expiry Date. |
| visaType | VisaTypeValues | N/A | Yes | Person Visa Type. |
| cityCodeVisa | EmiCityCodeValues | N/A | Yes | Visa Issue Place (City Code.) |
| cityCode | EmiCityCodeValues | N/A | Yes | Address City Code. |
| address | String | 128 | Yes | Address |
| phone | String | 15 | Yes | Person Phone. |
| mobile | String | 15 | Yes | Mobile Number. |
| pOBox | String | 30 | Yes | Postal Box. |
| ctyCodePOBoxIn | EmiCityCodeValues | 3 | Yes | Postal Box City Code. |
| unifiedId | Long | 15 | Yes | Unified Id. |
| lastDNRDUpdateDate | String | N/A | Yes | Last DNRD Update date. |
| edbaraNo | String | 30 | Yes | Edbara Number. |
| lastUpdateDataSource | EidDataSourceValues | N/A | Yes | Last update Data Source. |
| emiratesIdReceiptNo | String | 20 | Yes | Eid Receipt number. |
| emiratesIdReceiptDate | String | N/A | Yes | Eid Receipt Date. |
| printedNameAr | String | 128 | Yes | Printed Name in Arabic. |
| printedNameEn | String | 128 | Yes | Printed Name in English. |
| needReview | Boolean | N/A | Yes | Need Review flag. |
| motherPassportNo | String | 30 | Yes | Mother Passport Number. |
| motherPpExpiryDate | String | N/A | Yes | Mother Passport Expiry Date. |
| motherPpIssuePlace | String | 30 | Yes | Mother Passport Issue Place. |
| motherCityCodeVisa | EmiCityCodeValues | 3 | Yes | Mother Visa City Code. |
| motherEmiratesId | String | 30 | Yes | Mother Cid id. |
| motherEmiratesIdExpiryDate | String | N/A | Yes | Mother Cid Expiry Date. |
| motherUnifiedId | Long | 15 | Yes | Mother Unified Id. |
| motherEdbaraNo | String | 30 | Yes | Mother Edbara number. |
| motherNameAr | String | 128 | Yes | Mother Name in Arabic. |
| motherAddress | String | 128 | Yes | Mother Address. |
| motherAddressCity | EmiCityCodeValues | N/A | Yes | Mother Address City. |
| cardNo | String | 30 | Yes | Card Number. |
| cardExpiryDate | String | N/A | Yes | Card Expiry date. |
| withLenses | Boolean | N/A | Yes | With lenses flag. |
| isVip | Boolean | N/A | Yes | Vip Flag. |
| isDeaf | Boolean | N/A | Yes | Deaf Flag. |
| handicapped | Boolean | N/A | Yes | Handicapped Flag. |
| documentType | String | 30 | Yes | Document type. |
| documentRef | String | 30 | Yes | Document Reference. |
| isPOBoxNotify | Boolean | N/A | Yes | Postal Box Notify flag. |
| isSmsNotify | Boolean | N/A | Yes | SMS Notify Flag. |
| isFaxNotify | Boolean | N/A | Yes | Fax Notify Flag. |
| fax | String | 15 | Yes | Fax Number |
| isEmailNotify | Boolean | N/A | Yes | Email Notify Flag. |
| email | String | 128 | Yes | Email. |
| status | Integer | 1 | Yes | Status |
| statusDate | String | N/A | Yes | Status Date. |
| remarks | String | 1024 | Yes | Remarks. |
| bloodGroup | BloodGroupValues | N/A | Yes | Blood Group. |
| emiratesId | String | 30 | Yes | Person Emirate Card Id. |
| emiratesExpiryDate | String | N/A | Yes | Emirate Card id Expiry Date. |
| salikMobile | String | 19 | Yes | SALIK Mobile. |
| salikPOBox | String | 32 | Yes | SALIK Postal Box. |
| salikFax | String | 19 | Yes | SALIK Fax. |
| salikAddress | String | 400 | Yes | SALIK Address. |
| salikPhone | String | 19 | Yes | SALIK Phone. |
| salikEmail | String | 128 | Yes | SALIK Email. |
| openFileReason | Integer | N/A | Yes | Open file Reason. |
| utsTrafficNo | Long | 15 | Yes | UTS Traffic File Number. |
| personPicture | base64Binary | N/A | Yes | Person Picture. |

### GenderValues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Value** |
| Female | Enumeration | N/A | Yes | Female |
| Male | Enumeration | N/A | Yes | Male |

### EmirateValues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Value** |
| DXB | Enumeration | N/A | Yes | DXB |
| AUH | Enumeration | N/A | Yes | AUH |
| SHJ | Enumeration | N/A | Yes | SHJ |
| FUJ | Enumeration | N/A | Yes | FUJ |
| AJM | Enumeration | N/A | Yes | AJM |
| UMQ | Enumeration | N/A | Yes | UMQ |
| RAK | Enumeration | N/A | Yes | RAK |

### EmiCityCodeValues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Value** |
| ABU DHABI | Enumeration | N/A | Yes | 01 |
| ALAIN | Enumeration | N/A | Yes | 02 |
| DUBAI | Enumeration | N/A | Yes | 03 |
| SHARJAH | Enumeration | N/A | Yes | 04 |
| AJMAN | Enumeration | N/A | Yes | 05 |
| UMM AL QUWAIN | Enumeration | N/A | Yes | 06 |
| RAS AL KHAIMAH | Enumeration | N/A | Yes | 07 |
| FUJAIRAH | Enumeration | N/A | Yes | 08 |

### VisaTypeValues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Value** |
| Residence | Enumeration | N/A | Yes | Residence |
| Visit | Enumeration | N/A | Yes | Visit |
| Transit | Enumeration | N/A | Yes | Transit |

### BloodGroupValues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Value** |
| A+ | Enumeration | N/A | Yes | A+ |
| A- | Enumeration | N/A | Yes | A- |
| B+ | Enumeration | N/A | Yes | B+ |
| B- | Enumeration | N/A | Yes | B- |
| O+ | Enumeration | N/A | Yes | O+ |
| O- | Enumeration | N/A | Yes | O- |
| AB+ | Enumeration | N/A | Yes | AB+ |
| AB- | Enumeration | N/A | Yes | AB- |

### EidDataSourceValues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Value** |
| CARD READER | Enumeration | N/A | Yes | 1 |
| Manaul FTF | Enumeration | N/A | Yes | 2 |
| MANUAL SDDI | Enumeration | N/A | Yes | 3 |
| EXTERNAL INTEGRATION | Enumeration | N/A | Yes | 4 |

### Sample SOAP Request



### Sample SOAP Response



## FaultResponse:

## Error Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | N/A | Yes | ResponseCode, Zero for success, 1 for failure |
| errorAr | String | N/A | No | ResponseDescription In Arabic |
| errorEn | String | N/A | No | ResponseDescription In English |
| logId | Long | N/A | No | Error Log Id |

## 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.
* All Flags take value of 1 for false or 2for true.
* Date will be as the following format “dd-MM-yyyy”.
* Mobile Number must be in the following format: 971551234567.
* Phone Number and Fax must be in the following format: 021234567.
* Emirate Id must be in the following format: (NNN-NNNN-NNNNNNN-N) numbers.
* Emirate Card Expiry Date must be larger than today.
* Passport Expiry date must be larger than today
* Birth date must be less than today.
* (nameAr, nameEn, birthdate, gender, countryId, occupationId, personPicture, address, phone, mobile , pOBox, ctyCodePOBoxIn) are mandatory as business requirements for open traffic file for persons.
* (Passport info or Emirate Card Id) are mandatory.
* Expats :
  + Residency details (residencyNo, residencyExpiryDate, visaType, cityCodeVisa, sponsorNameAr, sponsorNameEn, sponsorPhone) are mandatory.
  + Passport details (passportNo, passportExpiryDate, passportIssuePlace) are mandatory.
  + Address City is mandatory (cityCode).
* Citizen :
  + If Passport details provided, then (emiCode) is mandatory.