

Customer Profile 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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# **Introduction**

Customer Profile Service provide the following operations:

1. Update Salik Customers Info Operation.
2. Update UTS Organization Info Operation.
3. Update UTS Person Info Operation.
4. Change User Password Operation.
5. Create EWallet Profile Operation.
6. Update Organization Member Mobile Operation

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

# **Functional specifications**

Customer Profile Web Service will be deployed on E-Traffic system.

|  |  |
| --- | --- |
| **Service name** | CustomerProfileService. |
| **Service Description** | Customer Profile Service. |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/CustomerProfileService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/CustomerProfileService?wsdl |

# **Service Operations**

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

## WSDL File



## 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.

## Customer Profile Service

## Update Salik Customers Info Operation

This method is used to update customer’s information in smart licensing system.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| updateSalikCustomersInfoRequest | Complex Type | N/A | No | The element Contain Customer Information for updated |

### Update Customer Info

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| batchNo | positiveInteger | 15 | No | Batch Number |
| customersInfo | Complex Type | N/A | No | Customer Information |

### Customers Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| trafficNo | positiveInteger | 15 | No | Traffic Number |
| mobileNo | String | 19 | Yes | Mobile Number |
| phoneNo | String | 19 | Yes | Phone Number |
| faxNo | String | 19 | Yes | Fax Number |
| poboxNo | String | 32 | Yes | Post Office Box Number |
| email | String | 128 | Yes | Email Address |
| address | String | 400 | Yes | Address |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| updateSalikCustomersInfoResponse | Complex Type | N/A | No | The element contains the Customer Information Response |

### Update Salik Customers Info Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| batchNo | positiveInteger | 15 | No | Batch Number |
| customersInfo | Complex Type | N/A | No | Customers Information |
| fault | Complex | N/A | Yes | Fault (in case of duplicate patch id error) |

### Customer InfoType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| customerInfo | Complex Type | N/A | No | Customer Information |

### Customer Info Log Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| trafficNo | String | 15 | No | Traffic Number |
| status | Complex Type | N/A | No | Status Values (Info, Warning, Error,Fatal) |
| statusCode | positiveInteger | 32 | No | Status Code |
| remarks | String | 512 | Yes | Remarks |

### Fault Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| faultCode | String | 15 | No | Error Code |
| faultString | String | 1024 | No | Error summary |
| faultDetail | String | 1024 | No | Error details |

### Operation Faults

|  |  |
| --- | --- |
| **Message** | **Description** |
| Rejecting digital radar SOAP request: Invalid time: 12 | There will be a time period on which the web service will not be available (between 07am and 02 pm) |
| Node Name doesn't exists | In case the client didn’t provided node |
| Invalid Salik customer traffic file number | Traffic File Number is Required |
| Mobile Number is Inn Correct | Mobile Number Must be Valid |
| Person id cannot be null | Person Id is Required |
| Other exceptions | Other exceptions |

### Sample SOAP Request



### Sample SOAP Response



## Update UTS Organization Info Operation

1. This method is used to update UTS organization information in smart licensing system

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| updateUTSOrganizationRequest | Complex | N/A | No | Update UTS Organization Request |

### Update UTS Organization Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| E Traffic No | Long | 8 | No | E Traffic No |
| UTS Traffic No | Long | 15 | No | UTS Traffic No |
| Trade License Expiry Date | String | N/A | No | Trade License Expiry Date |
| Mobile | Long | 19 | No | Mobile |
| Email | String | 128 | No | Email |
| Address | String | 128 | No | Address |
| Phone | Long | 15 | No | Phone |
| P O Box | String | 32 | No | P O Box |
| Fax | Long | 19 | No | Fax |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseType | String | N/A | No | General Response |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | N/A | No | Response Code |
| responseDescAr | String | N/A | No | Response Desc Ar |
| responseDescEn | String | N/A | No | Response Desc En |
| errorList | Complex Type | N/A | Yes | ErrorList |

### Error List Type

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

### Error Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | N/A | Yes | errorCode |
| errorMessageAr | String | N/A | Yes | Error Message Ar |
| errorMessageEn | String | N/A | Yes | Error Message En |

### Operation Faults

|  |  |
| --- | --- |
| **Message** | **Description** |
| E Traffic No cannot be null | When E Traffic Number is Null |
| The traffic file number("+eTrafficNo+") doesn't exists | When Traffic File VO is Null |
| The traffic file number("+eTrafficNo+") is not related to organization | When Traffic File VO is Not Instance Of Organization Traffic File VO |
| Other exceptions | Other exceptions |

### Sample SOAP Request



### Sample SOAP Response



## Update UTS Person Info Operation

1. This method is used update UTS person information in smart licensing system.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| updateUTSPersonRequest | Complex Type | N/A | No | Update UTS Person Request |

### Update UTS Person Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| E Traffic No | Long | 8 | No | Traffic File |
| UTS Traffic No | Long | 15 | No | UST Traffic File |
| Unified Id | Long | 15 | No | Unified Id |
| Passport No | String | 30 | No | Passport No |
| Passport Expiry Date | String | N/A | No | Passport Expiry Date |
| Passport Source | String | N/A | No | Passport Source |
| Passport Emirate | String | N/A | No | Passport Emirate |
| Edbara No | String | 30 | No | Edbara No |
| National Id | String | 30 | No | National Id |
| National Id Expiry Date | String | N/A | No | National Id Expiry Date dd/mm/yyyy |
| Residency Visa No | String | 30 | No | Residency Visa No |
| Residency Visa Type | Int | N/A | No | Residency Visa Type |
| Residency Visa Emirate | String | N/A | No | Residency Visa Emirate |
| Residency Expiry Date | String | N/A | No | Residency Expiry Date  dd/mm/yyyy |
| Sponsor Phone | Long | 15 | No | Sponsor Phone |
| Sponsor Name | String | 64 | No | Sponsor Name |
| Sponsor Address | String | 64 | No | Sponsor Address |
| mobile | Long | 19 | No | Mobile |
| email | String | 128 | No | Email |
| address | String | 128 | No | Address |
| phone | Long | 15 | No | phone |
| emirate | String | N/A | No | Emirate |
| P O Box | String | 32 | No | P O Box |
| fax | String | 19 | No | fax |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseType | String | N/A | No | General Response |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | N/A | No | Response Code |
| responseDescAr | String | N/A | No | Response Desc Ar |
| responseDescEn | String | N/A | No | Response Desc En |
| errorList | Complex Type | N/A | Yes | ErrorList |

### ErrorListType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| error | Complex Type | N/A | No | Error |

### ErrorType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | N/A | Yes | errorCode |
| errorMessageAr | String | N/A | Yes | Error Message Ar |
| errorMessageEn | String | N/A | Yes | Error Message En |

### Operation Faults

|  |  |
| --- | --- |
| **Message** | **Description** |
| E Traffic No cannot be null | When E Traffic Number is Null |
| The traffic file number("+eTrafficNo+") doesn't exists | When Traffic File VO is Null |
| The traffic file number("+eTrafficNo+") is not related to organization | When Traffic File VO is Not Instance Of Organization Traffic File VO |
| Other exceptions | Other exceptions |

### Sample SOAP Request



### Sample SOAP Response



## Change User Password Operation

1. This method is used to change user password from smart licensing system.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| changePasswordRequest | Complex Type | N/A | No | Change Password Request |
| externalUsername | String | 30 | Yes | External User Name |

### Change Password Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| username | String | N/A | No | User name |
| oldPassword | string | N/A | No | Old Password |
| newPassword | string | N/A | No | New Password |
| confirmNewPassword | string | N/A | No | Confirm New Password |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseType | String | N/A | No | General Response |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | N/A | No | Response Code |
| responseDescAr | String | N/A | No | Response Desc Ar |
| responseDescEn | String | N/A | No | Response Desc En |
| errorList | Complex Type | N/A | Yes | ErrorList |

### ErrorListType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| error | Complex Type | N/A | No | Error |

### ErrorType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | N/A | Yes | errorCode |
| errorMessageAr | String | N/A | Yes | Error Message Ar |
| errorMessageEn | String | N/A | Yes | Error Message En |

### Sample SOAP Request



### Sample SOAP Response



## Create EWallet Profile Operation

This method is used to create ewallet profile info in E-Traffic System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| createEWalletProfileRequest | Complex Type | N/A | No | CreateEWalletProfileRequest |

### Create EWallet Profile Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| trafficFileNo | Long | N/A | No | TrafficFileNo |
| registeredVehicleCount | Integer | N/A | No | RegisteredVehicleCount |
| traderLicenseNumber | String | N/A | Yes | TraderLicenseNumber |
| birthYear | Integer | N/A | Yes | BirthYear [Format: YYYY] |
| eWalletAccountNo | String | N/A | No | EWalletAccountNo |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | N/A | No | Response Code |
| responseDescAr | String | N/A | No | Response Desc Ar |
| responseDescEn | String | N/A | No | Response Desc En |
| errorList | Complex Type | N/A | Yes | ErrorList |

### ErrorListType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| error | Complex Type | N/A | No | Error |

### ErrorType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | N/A | Yes | errorCode |
| errorMessageAr | String | N/A | Yes | Error Message Ar |
| errorMessageEn | String | N/A | Yes | Error Message En |

### Operation Faults

|  |  |
| --- | --- |
| **Message** | **Description** |
| ملف المرور المطلوب ربطه إلزامي | Arabic message if the traffic file is null message Code 57001 |
| Traffic file number for linked file is mandatory | English message if the traffic file is null message Code 57001 |
| رقم ملف المرسل غير صحيح أو غير موجود | Arabic message if :   * 19999999 cannot be associated to any RTA eWallet account * Should exists in TF\_STP\_TRAFFIC\_FILES table * message Code 57002 |
| Traffic file number is not valid or not exists | English message if :   * 19999999 cannot be associated to any RTA eWallet account * Should exists in TF\_STP\_TRAFFIC\_FILES table * message Code 57002 |
| عدد المركبات المسجلة لملف المرور المطلوب ربطه إلزامي | Arabic message if the count of registered vehicle is not entered message Code 57003 |
| Count of vehicles is mandatory | English message if the count of registered vehicle is not entered message Code 57003 |
| عدد المركبات المرسل لا يطابق عدد المركبات المسجلة للملف المرسل | Arabic if count of vehicles is not matching with count of vehicle registered against the traffic file number message Code 57004 |
| Count of vehicles is not matching with count of vehicle registered against the traffic file number | English if count of vehicles is not matching with count of vehicle registered against the traffic file number message Code 57004 |
| لا يمكن أن يكون عدد أحرف الرخصة التجارية يجب تعريف رقم الرخصة التجارية عند ربط ملف مروري لمنشأة | Arabic message if Trade license for organizations not entered where the organization id is not null message Code 57005 |
| Trade license is mandatory for linking organizations | English message if Trade license for organizations not entered where the organization id is not null message Code 57005 |
| رقم الرخصة التجارية المرسل لا يطابق رقم الرخصة التجارية للملف المرسل | Arabic message if the Trade license number not match the TL number for the provided Traffic file number message Code 57006 |
| Trade license number should match the TL number for the provided Traffic file number | English message if Arabic message if the Trade license number not match the TL number for the provided Traffic file number message Code 57006 |
| سنة الميلاد إلزامية عند ربط ملف مروري لشخص | Arabic message If the birth year not entered where the person id is not null message Code 57007 |
| Birth year is mandatory for persons | English message If the birth year not entered where the person id is not null message Code 57007 |
| تاريخ الميلاد المرسل يجب أن يطابق تاريخ الميلاد المخزن في الملف المروري المرسل | Arabic message if entered birth year not match the birth year for the provided Traffic file number message Code 57008 |

### Sample SOAP Request



### Sample SOAP Response



## Update Organization Member Mobile Operation

1. This method is used to update organization member in smart licensing system.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| changePasswordRequest | Complex Type | N/A | No | Change Password Request |
| externalUsername | String | 30 | Yes | External User Name |

### Update Organization Member Operation Request

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| organizationTrafficNo | Long | N/A | No | Organization Traffic No |
| organizationMemberId | Long | N/A | No | Organization Member Id |
| newMobileNumber | String | N/A | No | New Mobile Number |
| oldMobileNumber | String | N/A | Yes | Old Mobile Number |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseType | String | N/A | No | General Response |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | String | N/A | No | Response Code |
| responseDescAr | String | N/A | No | Response Desc Ar |
| responseDescEn | String | N/A | No | Response Desc En |
| errorList | Complex Type | N/A | Yes | ErrorList |

### ErrorListType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| error | Complex Type | N/A | No | Error |

### ErrorType

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | N/A | Yes | errorCode |
| errorMessageAr | String | N/A | Yes | Error Message Ar |
| errorMessageEn | String | N/A | Yes | Error Message En |

### Sample SOAP Request



### Sample SOAP Response

