

Emirates ID Web Service Specification Document

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**Document Control**

**Revision History**

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**Approvals**

This document requires the approval of:

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

[**Introduction** 4](#_Toc523915070)

[**Functional specifications** 4](#_Toc523915071)

[**Service Operations** 5](#_Toc523915072)

[WSDL File 5](#_Toc523915073)

[Emirates ID Service Operations: 5](#_Toc523915074)

[Contracts Emirates ID Service 6](#_Toc523915075)

[1. Add Person Info Operation 6](#_Toc523915076)

[Operation Parameters 6](#_Toc523915077)

[Sample SOAP Request: 6](#_Toc523915078)

[Sample SOAP Response: 6](#_Toc523915079)

[EID Fields Map 7](#_Toc523915080)

[2. Link EID and Transaction Operation 9](#_Toc523915081)

[Operation Parameters 9](#_Toc523915082)

[Sample SOAP Request: 9](#_Toc523915083)

[Sample SOAP Response: 9](#_Toc523915084)

[3. Update Person Info Operation 10](#_Toc523915085)

[Operation Parameters 10](#_Toc523915086)

[Eid Info 10](#_Toc523915087)

[Sample SOAP Request: 10](#_Toc523915088)

[Sample SOAP Response: 10](#_Toc523915089)

[4. Sync Person Info By EID Operation 11](#_Toc523915090)

[Operation Parameters 11](#_Toc523915091)

[Sample SOAP Request: 11](#_Toc523915092)

[Sample SOAP Response: 11](#_Toc523915093)

[Fault Response: 11](#_Toc523915094)

[Error Response Type 11](#_Toc523915095)

# **Introduction**

Emirates ID Service Web Service Specification Document is used to manage the operations done by read EID card data.

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

# **Functional specifications**

1. Emirates ID Service Web Service will be deployed on E-Traffic system and used by external systems to inquire lookup values from traffic system.

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

# **Service Operations**

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

WSDL File



Emirates ID Service Operations:

1. **addPersonInfoOperation**
2. **linkEIDAndTransactionOperation**
3. **updatePersonInfoOperation**
4. **syncPersonInfoByEIDOperation**

## Contracts Emirates ID Service

## 1. Add Person Info Operation

This method is used to insert EID data in common read module in E-Traffic system to be used in future operations like (update person info, synchronize person data with EID data and verify person info in create transaction … etc.).

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| code | String | 50 | No | The code of the EID Field (see EID field Map) |
| value | String | 25 | No | The value of the EID Field |
| description | String | 120 | No | The description of the EID Field |
| transactionId | Long | 15 | Yes | The transaction id of the related transaction if any |
| centerId | Long | 15 | Yes | The center id of the related center if any |

### Sample SOAP Request:



### Sample SOAP Response:



### EID Fields Map

|  |  |
| --- | --- |
| Field | Code |
| ID\_NUMBER | 001 |
| CARD\_NUMBER | 002 |
| CARDHOLDER\_PHOTO | 003 |
| ISSUE\_DATE | 004 |
| EXPIRY\_DATE | 005 |
| TITLE\_AR | 006 |
| TITLE\_EN | 007 |
| FULL\_NAME\_AR | 008 |
| FULL\_NAME\_EN | 009 |
| GENDER | 010 |
| NATIONALITY\_AR | 011 |
| NATIONALITY\_CODE\_EN | 012 |
| BIRTH\_DATE | 013 |
| PUBLIC\_MOTHER\_FULL\_NAME\_AR | 014 |
| PUBLIC\_MOTHER\_FULL\_NAME\_EN | 015 |
| FINGER\_PRINT\_1 | 016 |
| FINGER\_PRINT\_2 | 017 |
| PUBLIC\_OCCUPATION\_CODE | 018 |
| MARITAL\_STATUS\_CODE | 019 |
| HUSBAND\_IDN | 020 |
| SPONSOR\_TYPE\_CODE | 021 |
| PUBLIC\_SPONSOR\_UNIFIED\_NUMBER | 022 |
| SPONSOR\_NAME | 023 |
| RESIDENCY\_TYPE\_CODE | 024 |
| RESIDENCY\_NUMBER | 025 |
| ID\_TYPE\_OF\_DOCUMENT | 026 |
| FAMILY\_ID | 027 |
| PASSPORT\_NUMBER | 028 |
| PASSPORT\_TYPE\_CODE | 029 |
| PASSPORT\_COUNTRY\_DESC\_AR | 030 |
| PASSPORT\_COUNTRY\_DESC\_EN | 031 |
| PASSPORT\_ISSUE\_DATE | 032 |
| PASSPORT\_EXPIRY\_DATE | 033 |
| PLACE\_OF\_BIRTH\_AR | 034 |
| PLACE\_OF\_BIRTH\_EN | 035 |
| QUALIFICATION\_LEVEL\_CODE | 036 |
| QUALIFICATION\_LEVEL\_DESC\_AR | 037 |
| QUALIFICATION\_LEVEL\_DESC\_EN | 038 |
| DEGREE\_DESC\_AR | 039 |
| DEGREE\_DESC\_EN | 040 |
| FIELD\_OF\_STUDY\_CODE | 041 |
| FIELD\_OF\_STUDY\_AR | 042 |
| OCCUPATION\_CODE | 043 |
| OCCUPATION\_AR | 044 |
| OCCUPATION\_EN | 045 |
| OCCUPATION\_FIELD\_CODE | 046 |
| OCCUPATION\_TYPE\_AR | 047 |
| OCCUPATION\_TYPE\_EN | 048 |
| COMPANY\_NAME\_AR | 049 |
| COMPANY\_NAME\_EN | 050 |
| MOTHER\_FULL\_NAME\_AR | 051 |
| MOTHER\_FULL\_NAME\_EN | 052 |
| HOLDER\_SIGNATURE\_IMAGE | 053 |
| SPONSOR\_UNIFIED\_NUMBER | 054 |
| SPONSOR\_UNIFIED\_NUMBER | 055 |
| EMIRATE\_DESC\_EN | 056 |
| EMIRATE\_CODE | 057 |
| CITY\_CODE | 058 |
| CITY\_DESC\_AR | 059 |
| CITY\_DESC\_EN | 060 |
| STREET\_AR | 061 |
| STREET\_EN | 062 |
| AREA\_DESC\_AR | 063 |
| AREA\_DESC\_EN | 064 |
| BUILDING\_AR | 065 |
| BUILDING\_EN | 066 |
| AREA\_CODE | 067 |
| FLAT\_NO | 068 |
| ADDRESS\_TYPE\_CODE | 069 |
| LOCATION\_CODE | 070 |
| RESIDENT\_PHONE\_NUMBER | 071 |
| MOBILE\_PHONE\_NUMBER | 072 |
| POBOX | 073 |
| E\_MAIL | 074 |
| RESDINCY\_EXPIRY\_DATE | 075 |
| UNKNOWN | XXX |

## 2. Link EID and Transaction Operation

This method is used to link the EID card read with the related transaction to log the read data with the transaction.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| eidNumber | String | 25 | No | The EID number value in this field |
| transactionId | Long | 15 | No | The transaction Id that required this read |

### Sample SOAP Request:



### Sample SOAP Response:



## 3. Update Person Info Operation

This method is used to update person info by last read from EID

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| eidInfo | Complex Type | N / A | No | Eid Info |
| personId | Long | 15 | No | The person Id related to this EID number |

### Eid Info

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| eidNumber | String | 18 | No | Emirate Id Number  NNN-NNNN-NNNNNNN-N |
| eidExpiryDate | String | N / A | No | Eid Expiry date  yyyy-MM-dd'T'HH:mm:ss'Z |
| eidDataSource | Long | N/A | No | Eid Data Source |

### Sample SOAP Request:



### Sample SOAP Response:



## 4. Sync Person Info By EID Operation

This method is used to sync person info by last read from EID

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| eidNumber | String | 25 | No | Field to describe EID Number |
| personId | Long | 15 | No | The person Id related to this EID number |

### Sample SOAP Request:



### Sample SOAP Response:



## Fault Response:

### Error Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| code | String | N/A | Yes |  |
| messageAr | String | N/A | Yes |  |
| messageEn | String | N/A | Yes |  |