

Product Document Web Service Specification Document

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**Document Control**

**Revision History**

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| MuathAlbasheer | 21/11/2018 | 1.01 | Second draft | Rename MStoreProductDocumentsResponseType To UserProductsDocumentsResponseType |

**Approvals**

This document requires the approval of:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Signature** | **Date** |
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# **Introduction**

Product Document Web Service Specification Document is used to get Product Document.

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

# **Functional specifications**

Product Document Web Service will be deployed on E-Traffic system.

|  |  |
| --- | --- |
| **Service name** | ProductDocumentService |
| **Service Description** | Product Document Service used to Get Product Document As base64 format |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/ProductDocumentService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/ProductDocumentService?wsdl |

# **Service Operations**

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

## WSDL File



## Product Document Service Operations:

* getProductDocumentOperation
* getUserProductsDocumentsOperation

## 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.

## Product Document Service

## Get Product DocumentOperation

This method retrieves the base64 representation of the provided document type.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| documentType | int | 2 | No | Document Type |
| transactionNumber | Long | 15 | No | Transaction Id |

### Mapping Document Type To Its Corresponding Name.

|  |  |  |  |
| --- | --- | --- | --- |
| **Document Type** | **Document Type Name** | **Required Parameter** | **Availability** |
| *1* | *Commercial Permit Certificate* | transactionNumber | *Available* |
| *2* | *Driving License* | transactionNumber | *Available Through MStore*  *(Sample request and response for MStore service is included in the Appendix)* |
| *3* | *Interim Driver License* | transactionNumber | *Service Not Available Yet* |
| *4* | *Drivers Experience History Certificate* | transactionNumber | *Available* |
| *5* | *Learners Permit* | transactionNumber | *Available* |
| *6* | *Vehicle License* | transactionNumber | *Available Through MStore*  *(Sample request and response for MStore service is included in the Appendix)* |
| *7* | *Interim Vehicle Registration Notice* | transactionNumber | *Service Not Available Yet* |
| *8* | *Possession Certificate* | transactionNumber | *Available* |
| *9* | *Export Certificate* | transactionNumber | *Available* |
| *10* | *Transfer Certificate* | transactionNumber | *Available* |
| *11* | *Tourism Certificate* | transactionNumber | *Available* |
| *12* | *Clearance Certificate* | transactionNumber | *Available* |
| *13* | *Vehicle Ownership Certificate* | transactionNumber | *Available* |
| *14* | *Non Ownership Certificate* | transactionNumber | *Available* |
| *15* | *Insurance Refund Certificate* | transactionNumber | *Available* |
| *16* | *Fine Receipt And License Services* | transactionNumber | *Available* |
| *17* | *Sales Transaction Certificate* | transactionNumber | *Available* |
| *18* | *Plate Ownership Certificate* | transactionNumber | *Available* |
| *19* | *Eye Test Receipt* | transactionNumber | *Available* |
| *20* | *Vehicle Registration Certificate* | transactionNumber | *Available* |
| *21* | *Replacement Of Vehicle Export Certificate* | transactionNumber | *Available* |
| *22* | *Vehicle Clearance Certificate* | transactionNumber | *Available* |
| *23* | *Special Experience Certificate* | transactionNumber | *Available* |
| *24* | *Unregistered Vehicle Certificate* | transactionNumber | *Available* |

### Documents Input Parameters Validation (Reference only)

|  |  |  |
| --- | --- | --- |
| **Document Type** | **Document Type Name** | **Required Input Field** |
| **1** | **Commercial Permit Certificate** | 1. CertificateRefNo  2. TrafficNumber |
| **2** | **Driving License** | 1. DrivingLicenseNo |
| **3** | **Interim Driver License** | 1. InterimDrivingLicenseNo |
| **4** | **Drivers Experience History Certificate** | 1. CertificateRefNo |
| **5** | **Learners Permit** | 1. RegistrationNumber |
| **6** | **Vehicle License** | 1. PlateNo  2. PlateCategory  3. PlateCode |
| **7** | **Interim Vehicle Registration Notice** | 1. InterimVehicleRegistrationNumber |
| **8** | **Possession Certificate** | 1. CertificateRefNo |
| **9** | **Export Certificate** | 1. CertificateRefNo |
| **10** | **Transfer Certificate** | 1. CertificateRefNo |
| **11** | **Tourism Certificate** | 1. CertificateRefNo |
| **12** | **Clearance Certificate** | 1. CertificateRefNo  2. TrafficNumber |
| **13** | **Vehicle Ownership Certificate** | 1. CertificateRefNo  2. TrafficNumber |
| **14** | **Non Ownership Certificate** | 1. CertificateRefNo  2. TrafficNumber |
| **15** | **Insurance Refund Certificate** | 1. CertificateRefNo  2. TrafficNumber |
| **16** | **Fine Receipt And License Services** | 1. RecieptNumber  2. TrafficNumber |
| **17** | **Sales Transaction Certificate** | 1. CertificateRefNo |
| **18** | **Plate Ownership Certificate** | 1. CertificateRefNo |
| **19** | **Eye Test Receipt** | 1. TransactionNumber |
| **20** | **Vehicle Registration Certificate** | 1. RecieptNumber  2. TrafficNumber |
| **21** | **Replacement Of Vehicle Export Certificate** | 1. RecieptNumber  2. TrafficNumber |
| **22** | **Vehicle Clearance Certificate** | 1. RecieptNumber  2. TrafficNumber |
| **23** | **Special Experience Certificate** | 1. RecieptNumber  2. TrafficNumber |
| **24** | **Unregistered Vehicle Certificate** | 1. RecieptNumber  2. TrafficNumber |
| **25** | **CML DOCUMENT (الترخيص التجاري)** | 1. RecieptNumber  2. TrafficNumber  \*\* Note :  There are special cases of this documant. **-->**[***Table 1***](#_Table_1) |
| **26** | **DOC\_TEMP\_BOOKLET\_CERTIFICATE** | 1. RecieptNumber  2. TrafficNumber |

### CML Application Status

There are three CML application status, and each of these **status** have **Report Name**.

|  |  |  |
| --- | --- | --- |
| **CML Application Status** | **CML Application Status Description** | **Report Name** |
| **2** | **APPLICATION\_STATUS\_UNDER\_PROCESS** | TF\_CML3018A.RDF |
| **3** | **APPLICATION\_STATUS\_ACCEPTED** | TF\_CML3018A.RDF |
| **5** | **APPLICATION\_STATUS\_LETTER** | TF\_SDDI3022.RDF |

### Sample SOAP Request











### Sample SOAP Response











### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | Integer | N/A | No | 0: Succeeded  1: Failed |
| responseDescAr | String | N/A | No | Success or Fail Message In Arabic |
| responseDescEn | String | N/A | No | Success or Fail Message In English |
| productDocumentList | Complex Type | N/A | Yes | Only shows if succeeded, |

### productDocumentList

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| productDocument  (documentDataAsBase64) | String | N/A | No | The base64 representation of the called certificate |

### Sample SOAP Failure Requests:





### Sample SOAP success Response:



### Sample SOAP Failure Responses:





## Get User Products Documents Operation

This method retrieves the base64 representation of the provided document type.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User Name |
| userProductsDocumentsRequest | Complex Type | N/A | No | User Products Documents Request |

### UserProductsDocumentsRequest

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| profileUserId | String | 30 | No | Profile User Id  This is Portal user id, not ETraffic user id.  Ex:  ismail, batosoft, aymannageh1989, abdelrahman000...ETC |

### Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | Integer | N/A | No | 0: Succeeded 1: Failed |
| responseDescAr | String | N/A | No | Success or Fail Message In Arabic |
| responseDescEn | String | N/A | No | Success or Fail Message In English |
| productDocuments | Complex Type | N/A | Yes | Product Documents Type |
| error | Complex Type | N/A | Yes | Error Type |

ProductDocuments Type

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

Document Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| bookletId | Long | 15 | Yes | Document Type |
| productStatusEn | String | 250 | Yes | Product Status En |
| productStatusAr | String | 250 | Yes | Product Status Ar |
| titleEn | String | 250 | Yes | Title En |
| titleAr | String | 250 | Yes | Title Ar |
| documentType | String | 250 | Yes | Document Type |
| alertEn | String | 1024 | Yes | Alert En |
| alertAr | String | 1024 | Yes | Alert Ar |
| actionLabelEn | String | 250 | Yes | Action Label En |
| actionLabelAr | String | 250 | Yes | Action Label Ar |
| actionUrl | String | 1024 | Yes | Action Url |
| actionServiceId | String | 15 | Yes | Action Service Id |
| categoryEn | String | 250 | Yes | Category En |
| categoryAr | String | 250 | Yes | Category Ar |
| descriptionEn | String | 2400 | Yes | Description En |
| descriptionAr | String | 2400 | Yes | Description Ar |
| qRCode | String | 1024 | Yes | Q RCode |
| expiryDate | String | N/A | Yes | Expiry Date |
| images | Complex Type | N/A | Yes | ImageType |

### Image Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| imageInfo | Complex Type | N/A | No | Image Info |

### Image Info Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Image | base64Binary | N/A | No | Image |
| imageOrder | Int | N/A | No | Image Order |

### Error Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| errorCode | String | N/A | No | Error Code |
| errorMessageAr | String | N/A | No | Error Message Arabic |
| errorMessageEn | String | N/A | No | Error Message English |

### Sample SOAP Request





### Sample SOAP Response



### Sample SOAP Failure Response:



# **Appendix**

## MStore Service (getUserProductsDocumentsOperation)

### Sample request



### Sample response

