

Licensing Product Blocking Web Service Specification Document

|  |
| --- |
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**Document Control**

**Revision History**

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**Approvals**

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

Licensing Product Blocking Web Service is used to:

1. Block Traffic File Operation
2. Block Vehicle Operation
3. Un Block Traffic File Operation
4. Un Block Vehicle Operation
5. Add Circular Note Operation
6. Cancel Circular Note Operation

# **Functional specifications**

Licensing Product Blocking web service will be deployed on E-Traffic system.

|  |  |
| --- | --- |
| **Service name** | LicensingProductBlockingService |
| **Service description** | Licensing Product Blocking Service |
| **End Point** | http://localhost:7101/traffic/ws/resources/soap/LicensingProductBlockingService |
| **WSDL** | http://localhost:7101/traffic/ws/resources/soap/LicensingProductBlockingService?wsdl |

# **Service Operations**

This document describes Licensing Product Blocking Web Service functional specifications which include the service endpoint, operations, input operation parameters, operation response.

## WSDL File



## Licensing Product Blocking Service

## Block Traffic File Operation

This method is used to Do Block Traffic File Number in E-Traffic System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| Block Traffic No | Complex Type | N/A | No | Block Traffic Number |

### Block Traffic File Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Traffic File No | Long | 8 | No | Traffic File Number |
| Block Source | String | 30 | No | Block Source, beneficiary code |
| Blocks | Complex Type | N/A | No | Blocks Type |

### Blocks Type

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

### Block Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Services | Complex Type | N/A | No | Services Type |
| Reason AR | String | 128 | No | Reason Arabic |
| Reason EN | String | 128 | No | Reason English |
| Block Date | String | N/A | No | Block Date  yyyy-MM-dd'T'HH:mm:ss.SSS'Z' |
| Reference No | String | 15 | No | Reference Number |

### Services Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Service | INT | 1 | No | Service Type, VSD service code to be denied, to be retrieved using lookup service |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Block Traffic File Return | Complex Type | N/A | No | Block Traffic File Return Type |

### Block Traffic File Return Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Block Result | Complex type | 30 | No | Block Result Type |

### Block Result Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Response Code | String | 30 | No | Response Code |
| Response Description Ar | String | 128 | No | Response Description Ar |
| Response Description En | String | 128 | No | Response Description En |
| Reference No | String | 15 | No | Reference Number |

### Sample SOAP Request:



### Sample SOAP Response:



### Sample SOAP Failed Request:



### Sample SOAP Failed Response:



## Block Vehicle

This method is used to Do Block Vehicle in E-Traffic System.

### Operation Parameters

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

### Block Vehicle Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Traffic File No | Long | 8 | No | Traffic File Number |
| Plate | Complex Type | N/a | No | Plate Type |
| Chassis No | String | 17 | No | Chassis Number |
| Block Source | String | 30 | No | Block Source, beneficiary code |
| Blocks | Complex Type | N/a | No | PLT Blocks Type |

### Plate Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Plate No | String | 30 | No | Plate Number |
| Plate Category | String | 30 | No | Plate Category |
| Plate Code | String | 15 | No | Plate Code |
| Plate Source | String | 30 | No | Plate Source |

### Plate Blocks Type

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

### Plate Block Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Note Code | INT | 8 | No | Note Code  - Only work with these codes:   |  |  | | --- | --- | | **REGISTER NEW VEHICLE** | 1201 | | **CHANGE ONWERSHIP** | 1202 | | **EXPORT CERTIFICATE** | 1206 | | **TRANSFER CERTIFICATE** | 1207 | |
| Reason AR | String | 128 | No | Reason In Arabic |
| Reason En | String | 128 | No | Reason In English |
| Error Date | String | N/A | No | Error Date  yyyy-MM-dd'T'HH:mm:ss.SSS'Z' |
| Reference No | String | 15 | No | Reference Number |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Block Vehicle Return | Complex Type | N/A | No | Block Vehicle Return Type |

### Block Vehicle Return Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Block Result | Complex type | 30 | No | Block Result Type |

### Block Result Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Response Code | String | 30 | No | Response Code |
| Response Description Ar | String | 128 | No | Response Description Ar |
| Response Description En | String | 128 | No | Response Description En |
| Reference No | String | 15 | No | Reference Number |

### Sample SOAP Request:



### Sample SOAP Response:



### Sample SOAP Failed Request:



### Sample SOAP Failed Response:



## Unblock Traffic File Operation

This method is used to Do Unblock Traffic File in E-Traffic System.

### Operation Parameters

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

### Unblock Traffic File Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Traffic File No | Long | 8 | No | Traffic File Number |
| Blocks | Complex Type | N/A | No | Blocks Type |

### Blocks Type

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

### Block Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Reference No | String | N/A | No | Reference Number |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Un Block Traffic File Return | Complex Type | N/A | No | Un Block Traffic File Return Type |

### Unblock Traffic File Return Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Block Result | Complex type | 30 | No | Unblock Result Type |

### Unblock Result Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Response Code | String | 30 | No | Response Code |
| Response Description Ar | String | 128 | No | Response Description Ar |
| Response Description En | String | 128 | No | Response Description En |
| Reference No | String | 15 | No | Reference Number |

### Sample SOAP Request:



### Sample SOAP Response:



### Sample SOAP Failed Request:



### Sample SOAP Failed Response:

## Unblock Vehicle

This method is used Un Block Vehicle in E-Traffic System.



### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| Un Block Vehicle Request | Complex Type | N/A | No | Un Block Vehicle Request Type |

### Unblock Vehicle Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Traffic File No | Long | 8 | No | Traffic File Number |
| Plate | Complex Type | N/a | Yes | Plate Type |
| Chassis No | String | 17 | Yes | Chassis Number |
| Blocks | Complex Type | N/A | No | Blocks Type |

### Plate Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Plate No | String | 30 | No | Plate Number |
| Plate Category | String | 30 | No | Plate Category |
| Plate Code | String | 15 | No | Plate Code |
| Plate Source | String | 30 | No | Plate Source |

### Blocks Type

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

### Block Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Reference No | String | N/A | No | Reference Number |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Un Block Vehicle Return | Complex Type | N/A | No | Un Block Vehicle Return Type |

### Unblock Vehicle Services Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| block Result | Complex type | 30 | No | block Result Type |

### Block Result Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Response Code | String | 30 | No | Response Code |
| Response Description Ar | String | 128 | No | Response Description Ar |
| Response Description En | String | 128 | No | Response Description En |
| Reference No | String | 15 | No | Reference Number |

### Sample SOAP Request:



### Sample SOAP Response:



### Sample SOAP Response:



### Sample SOAP Response:



## Add Circular Note Operation

This method is used to Add Circular Note to specific vehicle in the Smart Licensing System.

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| External Username | String | 30 | No | External Username |
| External User Password | String | 30 | No | External User Password |
| Add Circular Note | Complex Type | N/A | No | Add Circular Note Request Type |

### Add Circular Note Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Center Id | Long | 15 | No | Center Id |
| Circular Category | Integer | 2 | No | An element that distinguishes the circular category (under domain TF\_CIRCULAR\_CATEGORY):   |  |  | | --- | --- | | Value | Category Desc. | | 1 | Person | | 2 | Organization | | 3 | Stolen Plate | | 4 | License | | 5 | Registered Vehicle | | 6 | Chassis | |
| Traffic File No. | Long | 8 | Yes | An element that uniquely identifies the traffic file for a person or an organization |
| Plate No | String | 15 | Yes | An element that describes the plate |
| Plate Category | String | N/A | Yes | In-case of Dubai plates this field will be numeric and the length will be 3 digits, an excel sheet is needed in order to know how to pass this value, or else it will be a String with 64 characters. |
| Plate Code | String | N/A | Yes | In-case of Dubai plates this field will be numeric and the length will be 15 digits, an excel sheet is needed in order to know how to pass this value, or else it will be a String with 64 characters. |
| License No | Long | 8 | Yes | An element that defines the license the driver has |
| Plate Source | String | 3 | Yes | An element that defines the source of the plate, **i.e.: DXB**  **Note:** use *Others EMI Map* column values in plate\_codes\_V12 excel sheet for successful mapping |
| Chassis No | String | 17 | Yes | An element that uniquely defines the chassis of the vehicle |
| Vehicle Required | Integer | 1 | Yes | An element that specify if the vehicle is required or not:   1. Not required ليست مطلوبة للحجز 2. Required مطلوبة للحجز |
| Reference No. | String | 30 | No | An element that uniquely identifies a circular note |
| Reason | String | 128 | No | A circular note reason that explains the reason behind adding the circular note |
| Note Date | String | N/A | No | The date of entering the circular note as per the following format:  DD/MM/YYYY HH:MM:SS |
| Circular Source | String | 64 | Yes | The circular note source that has initiated the circular note |
| Remarks | String | 1024 | Yes | Notes added along with the circular note |
| Circular type | Integer | 1 | No | The type of the circular note:   1. Against the circulated ضد المعمم عليه 2. With the circulated لصالح المعمم عليه |
| Expiry date | String | N/A | Yes | The expiry date of the circular note as per the following format:  DD/MM/YYYY HH:MM:SS |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Add Circular Notes Return | Complex Type | N/A | No | Add Circular Notes Return Type |

### Add Circular Note Return Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Circular Note Id | Long | 15 | Yes | Circular Note Id |
| Response Code | Integer | 1 | No | It will represent the error code as in the following:  **0**: if cancel status is successful  **1**: if cancel status is Failed because there is a business error sent or warning exists  **2**: if it has unhandled exception when cancelling circular note |
| Response Description Ar | String | 128 | No | Response Description Ar |
| Response Description En | String | 128 | No | Response Description En |
| Error Messages | Complex Type | N/A | Yes | Error Messages Type |

### Error Messages type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Error Message | String | 1024 | No | Error Message That Descript The Failure |

### Operation Faults

|  |  |
| --- | --- |
| **Message** | **Rule Code** |
| The note date should be less or equal the current date (Old Rule)  تاريخ الملاحظة يجب ان يكون اقل من او يساوي تاريخ اليوم | **BR\_CIN001\_ATT** |
| Add a circular note should be on traffic file no. or stolen plate or registered vehicle or license or chassis (Old Rule)  يجب التعميم على ملف مروري او لوحة مسروقة او مركبة مسجلة او رخصة او شاصي | **BR\_CIN002TPL** |
| The expiry date must be greater or equal note date (Old Rule)  تاريخ انتهاء التعميم يجب ان يكون اكبر او يساوي تاريخ التعميم | **BR\_CIN007\_ATT** |
| The Reference No. is Mandatory  يجب ادخال رقم المرجع | **BR\_CIN008\_ATT** |
| The Note Date is Mandatory  يجب ادخال تاريخ التعميم | **BR\_CIN009\_ATT** |
| The Circular type is Mandatory  يجب ادخال وضع التعميم | **BR\_CIN010\_ATT** |
| The Reason is Mandatory  يجب ادخال سبب التعميم | **BR\_CIN011\_ATT** |
| The Traffic File No. is Mandatory  يجب ادخال الملف المروري للشخص | **BR\_CIN012\_ATT** |
| The Traffic File No. is Mandatory  يجب ادخال الملف المروري للمنشأة | **BR\_CIN013\_ATT** |
| Plate No does not exist  رقم اللوحة غير موجود | **BR\_CIN014\_ATT** |
| Plate code does not exist  رمز اللوحة غير موجود | **BR\_CIN015\_ATT** |
| Plate category does not exist  صنف اللوحة غير موجود | **BR\_CIN016\_ATT** |
| Plate No is Mandatory  رقم اللوحة اجباري | **BR\_CIN017\_ATT** |
| Plate category is Mandatory  رمز اللوحة اجباري | **BR\_CIN018\_ATT** |
| Plate code is Mandatory  صنف اللوحة اجباري | **BR\_CIN019\_ATT** |
| License does not exist  رقم الرخصة غير موجود | **BR\_CIN021\_ATT** |
| Plate source does not exist  مصدر اللوحة غير موجود | **BR\_CIN022\_ATT** |
| Plate source is Mandatory  مصدر اللوحة اجباري | **BR\_CIN023\_ATT** |
| Chassis No is Mandatory  رقم الشاصي اجباري | **BR\_CIN024\_ATT** |
| Circular Source is Mandatory  جهة التعميم اجباري | **BR\_CIN025\_ATT** |
| Invalid Data Error | Used to inform a service consumer that submitted circular note data is not valid and service in unable to process the circular note. |
| Other exceptions | Other exceptions |

### Sample SOAP Request:



### Sample SOAP Response:



### Sample SOAP Failed Request:



### Sample SOAP Failed Response:



## Cancel Circular Notes Operation

This method is used to Cancel Circular Note in Smart Licensing System.



### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| username | String | 30 | No | User Name |
| password | String | 30 | No | Password |
| External Username | String | 30 | No | External Username |
| External User Password | String | 30 | No | External User Password |
| Cancel Circular Note | Complex Type | N/A | No | Cancel Circular Note Request Type |

### Cancel Circular Note Request Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Circular ID | Long | 15 | No | Circular ID |

### Operation Response

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Cancel Circular Note Return | Complex Type | N/A | No | Cancel Circular Note Return Type |

### Add Circular Note Return Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Response Code | Integer | 1 | No | It will represent the error code as in the following:  **0**: if cancel status is successful  **1**: if cancel status is Failed because there is a business error sent or warning exists  **2**: if it has unhandled exception when cancelling circular note |
| Response Description Ar | String | 128 | No | Response Description Ar |
| Response Description En | String | 128 | No | Response Description En |
| Error Messages | Complex Type | N/A | Yes | Error Messages Type |

### Type Error Messages type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| Error Message | String | 1024 | No | Error Message That Descript The Failure |

### Operation Faults

|  |  |
| --- | --- |
| **Message** | **Description** |
| Invalid Data Error | Used to inform a service consumer that submitted circular note data is not valid and service in unable to process the circular note. |
| Other exceptions | Other exceptions |

### Sample SOAP Request:



### Sample SOAP Response:



### Sample SOAP Failed Request:



### Sample SOAP Failed Response:

