

Trade Contracts Web Service Specification Document

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**Document Control**

**Revision History**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Revised By** | **Revision**  **Date** | **Version**  **Number** | **Summary of Changes** | **Sections Affected** |
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**Approvals**

This document requires the approval of:

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Title** | **Signature** | **Date** |
| Waseem Zawaideh | Technical Team Leader |  | 25/04/2018 |

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# **Introduction**

Trade Contracts Service Web Service Specification Document is used to maintain the contract status and different operations done on contracts.

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

# **Functional specifications**

Trade Contracts Service Web Service will be deployed on E-Traffic system and used by internal systems to in maintain contracts (SDDI).

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

# **Service Operations**

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

WSDL File



Trade Contracts Service Operations:

1. **cancelContractOperation**
2. **createContractOperation**
3. **updateContractOperation**

## 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.

## Trade Contracts Service

## 1. Cancel Contract Operation

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| contractId | long | N/A | No | Contract Id to activate |
| cancellationReason | String | N/A | No | Cancellation reason |

### Sample SOAP Request:



### Sample SOAP Response:



## 2. Create Contract Operation

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| organizationId | long | N/A | No | Contract Id to activate |
| contractNo | String | N/A | No | Contract No |
| contractEndDate | String | N/A | No | Contract End date |
| contractType | long | N/A | No | Contract Type |
| noOfApprovedDrivers | Integer | N/A | No | No of approved drivers |
| allowedPermitType | Integer | N/A | No | Allowed permit type |
| registeredNoOfVehicles | Integer | N/A | Yes | Registered no of vehicles |

### Sample SOAP Request:



### Sample SOAP Response:



## 3. Update Contract Operation

### Operation Parameters

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| externalUsername | String | 30 | No | External User |
| organizationId | long | N/A | No | Contract Id to activate |
| contractId | long | N/A | No | Contract Id to activate |
| contractEndDate | String | N/A | No | Contract End date |
| modificationReason | String | N/A | No | Modification reason |
| contractNumber | String | N/A | No | Contract Number |
| allowedPermitType | Integer | N/A | No | Allowed permit type |
| numberOfApprovedLimousineDrivers | Integer | N/A | Yes | Registered no of vehicles |

### Sample SOAP Request:



### Sample SOAP Response:



## Fault Response:

### Error Response Type

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Name** | **Type** | **Length** | **Optional** | **Description** |
| responseCode | Integer | N/A | Yes |  |
| responseMessageAr | String | N/A | Yes |  |
| responseMessageEn | String | N/A | Yes |  |