

**Customs**  
Information Management

Date: 21 August 2018

# **Changes to the XML schemas of the web service for direct message exchange**

v1.18

Revised on 03 March 2018

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## 1 INTRODUCTION

This document describes the changes implemented in XML schema version 1.18 for direct message exchange. These XML schemas are used by customers who use the web service of direct message exchange.

The implemented changes concern the sending of attachments to Customs through the attachment file message service.

## 2 SCHEDULE AND COMPATIBILITY

The changes made to the services offered by Customs relating to version 1.18 of the XML schemas for direct message exchange were placed in production on 3 March 2018.

If a customer wishes to use the attachment file message service, they should start using the new schema and make the necessary changes in their message software.

Customers who do not use the attachment file message service do not need to take the new schemas into use, apart from the change in the Reference data element referred to in chapter 4.1

## 3 DISTRIBUTION PACKAGE

The XML schemas for direct message exchange are delivered to customers as distribution packages that can be retrieved from the Customs website at <https://tulli.fi/en/e-services/services/direct-message-exchange>.

The distribution package contains the following files:

- ApplicationMessageTypes.xsd
- ApplicationRequest.xsd
- ApplicationResponse.xsd
- AttachmentRequest.xsd
- CustomsCorporateService\_soap1\_1.wsdl
- CustomsCorporateService\_soap1\_2.wsdl
- EchoContent.xsd
- NotificationService.wsdl
- NotificationTypes.xsd
- WsdTypes.xsd

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- LiituResponseMessage.xsd
- xmldsig-core-schema.xsd

This distribution package replaces all files in previous distribution packages. The changes are described in the following chapter.

For reasons of uniformity, all files in the distribution package bear the updated minor version attribute *version="v1\_18"*. The files in the previous package had the minor version attribute *version="v1\_8"*. All names and major versions of namespace definitions remain unchanged. The major version of namespace definitions is still "v1".

## 4 INTRODUCTION OF NEW AND CHANGED SCHEMA FILES

### 4.1 ApplicationMessageTypes.xsd

The selection of valid characters in the "Reference" data element has been restricted.

Image file mime types have been added as valid values in the "ContentFormat" data element.

The following new data elements have been added: Title, Description, DocumentType, CustomsRequest, RelationIdentifier ja LanguageCode.

### 4.2 AttachmentRequest.xsd

Definition of the new data element used in the UploadAttachment operation.

### 4.3 CustomsCorporateService\_soap1\_\*.wsdl

Interface definitions for the new UploadAttachment operation have been added.

### 4.4 WsdlTypes.xsd

Definitions of data elements AttachmentResponse, UploadAttachmentRequest and UploadAttachmentResponse have been added. The said data elements are used in SOAP messages involving the new UploadAttachment operation.

### 4.5 LiituResponseMessage.xsd

Schema file describing the structure of a reply message generated in checking the attachment sent by the customer.