

Mail.XML Version 25.4

System Messages Specification

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Abstract

This document describes the messaging protocol for use by mailers and their consignees. The Mail.XML™ Transaction Protocol defines the roles and responsibilities of Shippers and Consignees and defines the format and method for message exchange. This messaging protocol is designed to be XML and Web-Services compliant.

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About Mail.XML™

Mail.XML™ is bringing a paradigm change to the industry by increasing business function specific B2B (Business to Business) communication within the industry that supports automation and in the end enables cost avoidance and higher profits through improved competence and effectiveness of communication. Mail.XML is designed to increase efficiency and lower costs by removing many manual data entry processes and enabling quick near real time communication between business partners. Mail.XML currently supports container-based scheduling, pick up and drop off business processes, as well as identifying different business entities responsible for performing different services such as quality of mailing, address correction, and delivery confirmation on a mailing. The core focus of Mail.XML is communication between industry members and from industry to the final mail processing and delivery organization that delivers the mail to the end consumer, e.g., USPS. In the next few versions of Mail.XML the focus moves across mailing supply chain channels, and includes advanced functions such as payment; automated verification; enabling first, second, and third-party communication and incorporating presort planning, printing, and distribution processes.

What's New in Mail.XML Version 25.4?

With this release, the Mail.XML Messaging Protocol moves to Version 25.4. This release supports structure changes required by mailing industry and Postal Service.

Changes supported by Mail.XML 25.4 include:

- CR 2525 - Update characteristicIncentiveType, add FG for First-Class Growth Incentive Credit Redemption
- CR 2526 - Update characteristicIncentiveType, add MG for USPS Marketing Mail Growth Incentive Credit Redemption
- CR 2527 - Update containerLevelType, add AU for Protected Mixed ADC and AV for Protected Mixed NDC

About Mail.XML Schema Modularization

Today Mail.XML messages are grouped into 8 message types.

- Transportation Messages (TM)
- Mailing Messages (MM)
- Data Distribution Messages (DD)
- Dynamic Payment Template Messages
- Identification Messages (ID)
- Supply Chain Messages (SC)
- Informed Visibility (IV)
- System Messages
- Base: Shared simple types
- Definitions: Shared complex types and elements

The simple types shared across 2 or more modules are found in the Base schema. Likewise, the shared definitions module contains complex type definitions and elements that are shared across 2 or more modules.

Mail.XML Module Versioning Rules

The following versioning rules will be followed:

The Mail.XML wrapper schema**(.xsd) will always be given the next higher version number (or Errata designation) when any update is made to base, defs or any module. The name of the .xsd file will indicate the new version and the new version number will be used in the namespace and target declarations:
`xmlns:mailxml="http://delivery-tech.org/Specs/mailxml25.4/mailxml"`
`targetNamespace="http://delivery-tech.org/Specs/mailxml25.4/mailxml"`

- When updates are made, only those modules that are updated will be given the next higher version number (or Errata letter designation).
- If updates are made to the base or defs, then the base and defs xsds will be given the next higher version number (or Errata designation) and all modules that call to them will also be given the next higher version number (or Errata designation).

For example:

- If the wrapper version is labeled as `xmlns:mailxml="http://deliverytech.org/Specs/mailxml25.4A/mailxml"` then at least one of the XSDs is at same version such as `filename='Mail.XML_25.4A.xsd'` <- Errata A
- If the wrapper version is labeled as `xmlns:mailxml="http://deliverytech.org/Specs/mailxml25.4B/mailxml"` then at least one of the XSDs is at same version such as `filename='Mail.XML_25.4B.xsd'` <- Errata B
- If the wrapper version is labeled as `xmlns:mailxml="http://deliverytech.org/Specs/mailxml25.4/mailxml"` then at least one of the XSDs is at same version such as `filename='Mail.XML_25.4.xsd'` <- Errata C

org/Specs/mailxml25.4/mailxml" then at least one of the XSDs is at same version such as
filename ='Mail.XML_25.4.xsd' <- Major Version

Mail.XML 25.4 XSD Modules

The following Mail.XML XSD modules/namespaces are used:

- Mail.XML_tm.xsd: This module contains all the transportation (or FAST) messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_tm:
- Mail.XML_mm.xsd: This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_mm:
- Mail.XML_iv.xsd: This module contains informed visibility messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_iv:
- Mail.XML_dd.xsd: This module contains all the data distribution messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_dd:
- Mail.XML_id.xsd: This module contains all the identification messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_id:
- Mail.XML_sc.xsd: This module contains all the supply chain messages and the attributes, elements and complex types that are unique to these messages. Namespace=Mail.XML_sc:
- Mail.XML_defs.xsd: This module contains all the common definitions of attributes, elements and complex types that are used across two or more message types. Namespace=Mail.XML_defs:
- Mail.XML_base.xsd: This module contains simple types that are shared across two or more modules that make up Mail.XML. These can be considered a building block for any message group. Namespace=Mail.XML_base:
- Mail.XML.xsd: This module contains the system messages of Mail.XML and is used to build custom profiles for Mail.XML. Namespace=Mail.XML:

The Mail.XML™ 25.4 Messaging Documentation Set

The Mail.XML Messaging Specification has been organized into a set of documents. This *Schemas Specification* is one document in a set of documents that make up the Mail.XML Specification 25.4. Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- Mail.XML™ 25.4: Transportation Messaging Specification documents all transportation messages
- Mail.XML™ 25.4: Mailing Messaging Specification documents all mailing messages
- Mail.XML™ 25.4: Informed Visibility Specification documents all informed visibility messages
- Mail.XML™ 25.4: Data Distribution Messaging Specification documents all data distribution messages
- Mail.XML™ 25.4: Identification Messaging Specification documents all identification messages
- Mail.XML™ 25.4: Supply Chain Messaging Specification documents all supply chain messages
- Mail.XML™ 25.4: System Messaging Specification documents all systems and fault messages
- Mail.XML™ 25.4: Simple Types Specification documents all simple types used across Mail.XML messages
- Mail.XML™ 25.4: Common Definitions Specification documents all shared elements and complex

- types.
- Mail.XML™ 25.4: Schemas contains the .XSDs that make up the Mail.XML Messaging Specification

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Schema mailxml_tm_25.4.xsd	8

Schema mailxml_tm_25.4.xsd

schema location: [..\XSDs\mailxml_tm_25.4.xsd](#)
attribute form default: **qualified**
element form default: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm**

Elements

[ActualConsigneeFacility](#)

[ActualEndUnload](#)
[ActualStartUnload](#)
[ActualTruckArrival](#)
[AllApptCloseoutDelivery](#)
[AllApptCloseoutNotification](#)
[AllApptCloseoutResponse](#)
[AllDeliveryApptCloseoutRequest](#)
[AllPickupApptCloseoutRequest](#)
[ApptInductionCloseoutRequest](#)
[ApptInductionCloseoutResponse](#)
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[CustomerSupplierAgreementQueryRequest](#)
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[DeliveryApptCancelCreateRequest](#)
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[DeliveryApptCreateResponse](#)
[DeliveryApptMultiStopUpdateRequest](#)
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[DeliveryApptQueryResponse](#)
[DeliveryApptShellCancelRequest](#)
[DeliveryApptShellCancelResponse](#)
[DeliveryApptShellCreateRequest](#)
[DeliveryApptShellCreateResponse](#)
[DeliveryApptShellUpdateRequest](#)
[DeliveryApptShellUpdateResponse](#)
[DeliveryApptStatusQueryRequest](#)
[DeliveryApptStatusQueryResponse](#)

[DeliveryApptTransportationUpdateRequest](#)
[DeliveryApptTransportationUpdateResponse](#)
[DeliveryApptUpdate](#)
[DeliveryApptUpdateRequest](#)

Complex types

[actualBedloadType](#)

[actualPalletType](#)
[allDeliveryApptCloseoutAcceptType](#)
[AppointmentInfoType](#)
[apptBlockGoodsType](#)
[apptBlockRequestType](#)
[apptBlockUnscheduledGoodsType](#)
[apptBlockUpdateType](#)
[apptCloseoutDetailType](#)
[apptCloseoutNotAvailableResponseType](#)
[apptCloseoutResponseType](#)
[apptInfoType](#)
[availableApptType](#)
[availableHourType](#)
[availableSlotType](#)

[bedloadHandlingUnitType](#)
[bedloadUnitType](#)
[carrierType](#)
[containerInductionInfoType](#)
[contentCancelType](#)
[contentDetailInfoType](#)
[contentDetailInfoUpdateType](#)
[contentUspsSummaryType](#)
[contentUspsSummaryUpdateType](#)
[csaDispatchType](#)
[csaInfoType](#)
[deliveryApptAcceptType](#)
[deliveryApptContentRemoveAcceptType](#)
[deliveryApptContentRemoveRejectType](#)
[deliveryApptRejectType](#)
[deliveryApptShellAcceptType](#)
[deliveryApptShellCancelRequestType](#)
[deliveryApptShellCancelResponseType](#)
[deliveryApptShellRejectType](#)
[deliveryApptTransportationUpdateRequestType](#)
[deliveryApptTransportationUpdateResponseType](#)
[deliveryApptUpdateAcceptType](#)
[deliveryApptUpdateRejectType](#)
[deliveryContentAcceptType](#)
[deliveryContentCancelRequestType](#)

Simple types

[appointmentNumberIdentifierType](#)
[contentsBarcodeStatusType](#)
[contentsBarcodeTypeType](#)
[csaStatusType](#)
[csaTemplateType](#)
[IMcbInfoType](#)
[locationStatusType](#)
[packageServicesType](#)
[processingCodeType](#)
[scanEventType](#)
[stopStatusType](#)
[valueAddedServiceType](#)
[verificationLocationType](#)

<u>DeliveryApptUpdateResponse</u>	<u>deliveryContentCancelResponseType</u>
<u>DeliveryContentCancelRequest</u>	<u>deliveryContentRejectType</u>
<u>DeliveryContentCancelResponse</u>	<u>deliveryContentUpdateAcceptType</u>
<u>DeliveryContentCreateRequest</u>	<u>deliveryContentUpdatedType</u>
<u>DeliveryContentCreateResponse</u>	<u>deliveryContentUpdateRejectType</u>
<u>DeliveryContentQueryRequest</u>	<u>deliverySummaryType</u>
<u>DeliveryContentQueryResponse</u>	<u>detailInfoType</u>
<u>DeliveryContentUpdateRequest</u>	<u>eFileSamplingTimeType</u>
<u>DeliveryContentUpdateResponse</u>	<u>maildatSummaryType</u>
<u>DeliveryReApptRequest</u>	<u>oneTimeApptType</u>
<u>DispatchContainerInfoNotification</u>	<u>optionalApptType</u>
<u>DispatchContainerInfoResponse</u>	<u>optReturnInfoType</u>
<u>GoodsReceiptResponse</u>	<u>palletPresortType</u>
<u>OpenApptQueryRequest</u>	<u>palletUnitType</u>
<u>OpenApptQueryResponse</u>	<u>PartnerApptBlockType</u>
<u>PartnerApptQueryRequest</u>	<u>partnerContentAssignmentType</u>
<u>PartnerApptQueryResponse</u>	<u>pickupApptBlockRequestType</u>
<u>PartnerContentAssignmentRequest</u>	<u>presortType</u>
<u>PartnerContentAssignmentResponse</u>	<u>recurringApptBlockType</u>
<u>PickupApptCancelRequest</u>	<u>recurringApptType</u>
<u>PickupApptCancelResponse</u>	<u>slotAvailabilityType</u>
<u>PickupApptCreateRequest</u>	<u>staleContentNotificationElementType</u>
<u>PickupApptCreateResponse</u>	<u>trailerInfoType</u>
<u>PickupApptUpdateRequest</u>	<u>trailerType</u>
<u>PickupApptUpdateResponse</u>	<u>transportationContainerBlockType</u>
<u>RecurringApptQueryRequest</u>	<u>transportationContainerStatusBlockType</u>
<u>RecurringApptQueryResponse</u>	<u>transportationDetailBlockType</u>
<u>ScheduledAppt</u>	<u>transportationGeoDataBlockType</u>
<u>StaleContentDelivery</u>	<u>transportationSummaryBlockType</u>
<u>StaleContentNotification</u>	<u>trayHandlingUnitType</u>
<u>StaleContentQueryRequest</u>	<u>uspsClosedBySVType</u>
<u>StaleContentQueryResponse</u>	<u>uspsContainerInfoType</u>
<u>UnscheduledConsigneeGoodsReceipt</u>	<u>uspsDetailType</u>
<u>UnscheduledConsigneeGoodsReceiptDelivery</u>	<u>uspsSummaryType</u>
<u>UnscheduledConsigneeGoodsReceiptNotification</u>	
<u>USPSDeliveryContentUpdatedDelivery</u>	
<u>USPSDeliveryContentUpdatedNotification</u>	
<u>USPSDeliveryContentUpdatedQueryRequest</u>	
<u>USPSDeliveryContentUpdatedQueryResponse</u>	

element **ActualConsigneeFacility**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	mailxml_defs:consigneeFacilityType

element **ActualEndUnload**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	xs:dateTime
annotation	documentation Actual date/time when unload is complete

element **ActualStartUnload**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	xs:dateTime

element **ActualTruckArrival**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

type	xs:dateTime
------	-------------

element AllApptCloseoutDelivery

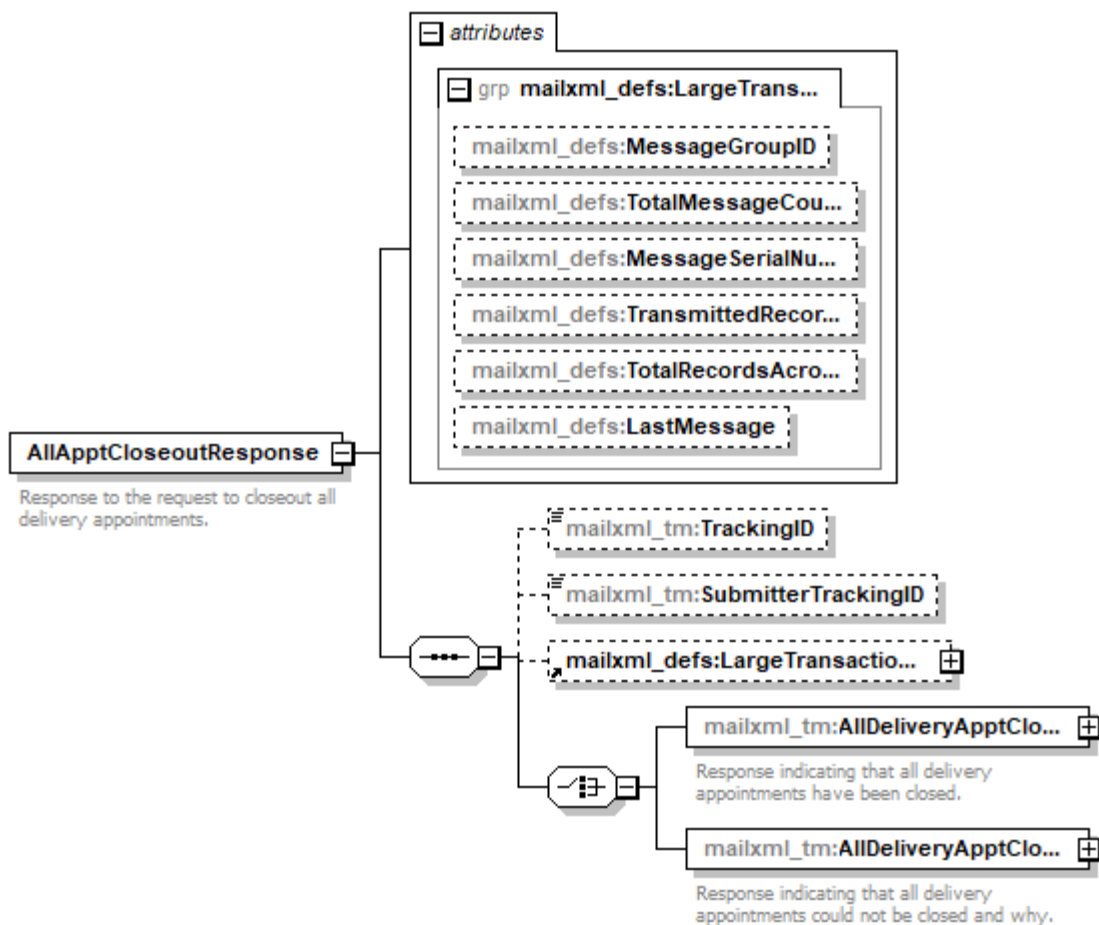
<div> <div>diagram</div> </div>	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<div>documentation</div> <div>Delivery of full service closeout data of appointments from USPS.</div>

element **AllApptCloseoutNotification**

<p>diagram</p>	<pre> graph LR Root[AllApptCloseoutNotification Notification from UPSP that full service closeout data is ready to be picked up.] Root --- Branch1(()) Branch1 --- SubmittingParty[mailxml_tm:SubmittingParty] Branch1 --- SubmittingSoftware[mailxml_tm:SubmittingSoftware] Branch1 --- CRID[mailxml_tm:CRID] Branch1 --- PushMessageID[mailxml_tm:PushMessageID] Branch1 --- Branch2(()) Branch2 --- Branch3(()) Branch2 --- NotificationDate[mailxml_tm:NotificationDate] Branch3 --- UserLicenseCode[mailxml_tm:UserLicenseCode] Branch3 --- MaidatJobID[mailxml_tm:MaidatJobID] Branch3 --- Branch4(()) Branch4 --- CustomerGroupID[mailxml_tm:CustomerGroupID] Branch4 --- MailingGroupID[mailxml_tm:MailingGroupID] </pre>
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm</p>
<p>annotation</p>	<p>documentation Notification from UPSP that full service closeout data is ready to be picked up.</p>

element **AllApptCloseoutResponse**

diagram



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Response to the request to closeout all delivery appointments.

element AllDeliveryApptCloseoutRequest

diagram	<p>The diagram shows the structure of the AllDeliveryApptCloseoutRequest element. It is a container for a group of attributes and three optional elements. The attributes group, labeled grp mailxml_tm:StatusReques..., includes: mailxml_tm:SchedulerID, mailxml_tm:SchedulerCRID, mailxml_tm:SchedulerCorpID, mailxml_tm:CreatorSchedulerC..., mailxml_tm:CreatorSchedulerID, mailxml_tm:CreatorSchedulerC..., mailxml_tm:Start, and mailxml_tm:End. The optional elements are mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_tm:SubmitterTrackingID. The element is represented by a box with a small square icon on the right.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Request to closeout all delivery appointments.</p>

element AllPickupApptCloseoutRequest

diagram	<p>The diagram shows the structure of the AllPickupApptCloseoutRequest element. It is a container for a group of attributes and three optional elements. The attributes group, labeled attributes, includes: mailxml_tm:ShipperID, mailxml_tm:ShipperCorpID, mailxml_tm:Start, and mailxml_tm:End. The optional elements are mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_tm:SubmitterTrackingID. The element is represented by a box with a small square icon on the right.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Message sent from the Shipper to the Consignee to check the closeout status of all pickup appointments--scheduled and unscheduled.</p>

element **ApptInductionCloseoutRequest**


diagram	<p>The diagram shows the structure of the ApptInductionCloseoutRequest element. It is a container for several attributes and a group of elements. The attributes include:</p> <ul style="list-style-type: none"> mailxml_tm:InductionClos... (group): <ul style="list-style-type: none"> mailxml_tm:ConsigneeApptID (solid box) mailxml_tm:SchedulerID (dashed box) mailxml_tm:SchedulerCorpID (solid box) mailxml_tm:SubmittingParty (solid box) mailxml_tm:SubmittingSoftware (solid box) mailxml_tm:SubmitterTrackingID (dashed box) mailxml_tm:ApptCloseout (solid box, with a 1..∞ cardinality) <p>The description text reads: "Message sent by the Consignee to the Shipper to request induction closeouts."</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Message sent by the Consignee to the Shipper to request induction closeouts.</p>

element **ApptInductionCloseoutResponse**

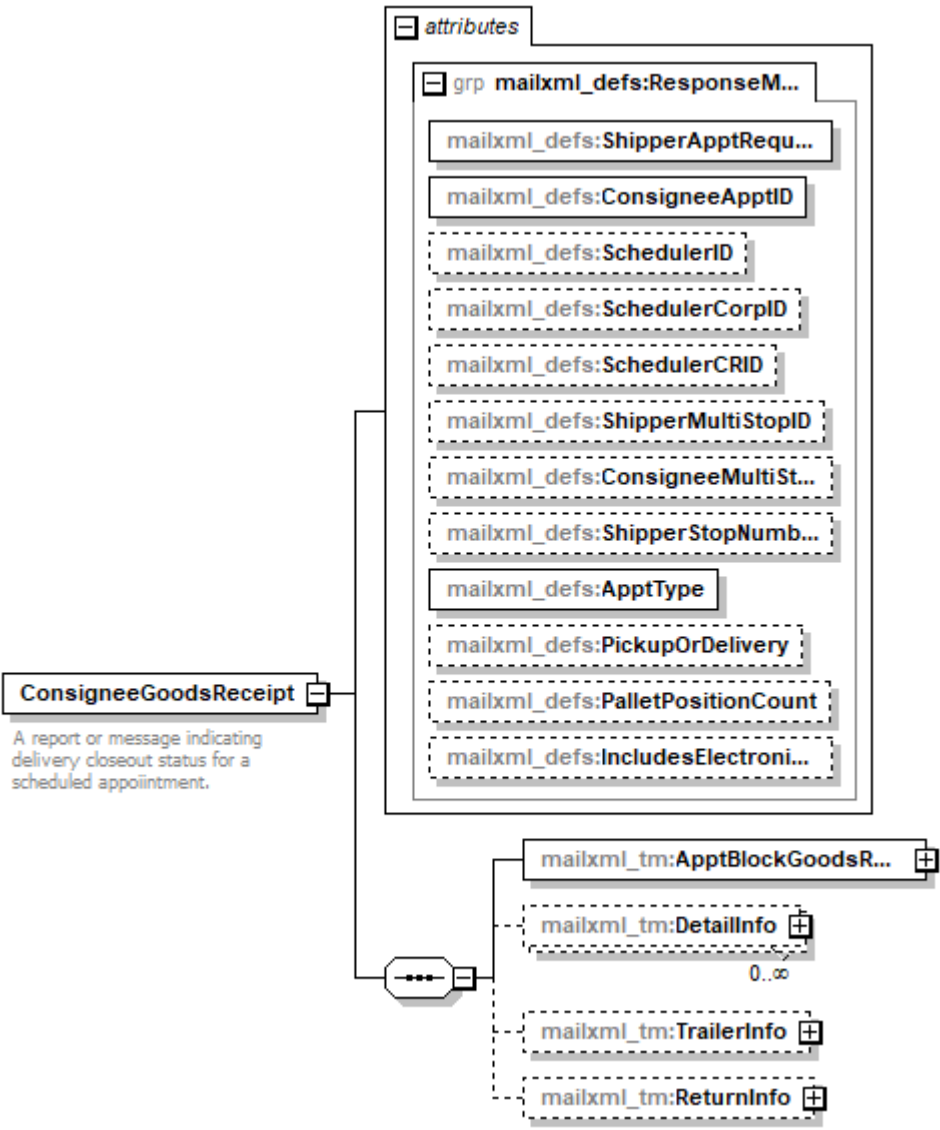
diagram	<p>The diagram shows the structure of the ApptInductionCloseoutResponse element. It is a container for several attributes and a group of elements. The attributes include:</p> <ul style="list-style-type: none"> mailxml_defs:LargeTrans... (group): <ul style="list-style-type: none"> mailxml_defs:MessageGroupID (dashed box) mailxml_defs:TotalMessageCou... (dashed box) mailxml_defs:MessageSerialNu... (dashed box) mailxml_defs:TransmittedRecor... (dashed box) mailxml_defs:TotalRecordsAcro... (dashed box) mailxml_defs:LastMessage (solid box) mailxml_tm:TrackingID (dashed box) mailxml_tm:SubmitterTrackingID (dashed box) mailxml_tm:ApptInductionClos... (solid box) mailxml_tm:ApptInductionClos... (solid box) <p>The description text reads: "Response from the Shipper providing induction closeout information."</p>
---------	--

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response from the Shipper providing induction closeout information.

element **ApptStatus**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	mailxml_base:apptStatusType

element **ConsigneeGoodsReceipt**

diagram	 <p>The diagram shows the structure of the ConsigneeGoodsReceipt element. It is a container element with a description: "A report or message indicating delivery closeout status for a scheduled appointment." The element contains an attributes group and a complex content model. The attributes group includes a grp mailxml_defs:ResponseM... group, which contains several attributes: mailxml_defs:ShipperApptRequ..., mailxml_defs:ConsigneeApptID, mailxml_defs:SchedulerID, mailxml_defs:SchedulerCorplD, mailxml_defs:SchedulerCRID, mailxml_defs:ShipperMultiStopID, mailxml_defs:ConsigneeMultiSt..., mailxml_defs:ShipperStopNumb..., mailxml_defs:ApptType, mailxml_defs:PickupOrDelivery, mailxml_defs:PalletPositionCount, and mailxml_defs:IncludesElectroni.... The content model consists of a sequence of elements: mailxml_tm:ApptBlockGoodsR..., mailxml_tm:DetailInfo (with a cardinality of 0..∞), mailxml_tm:TrailerInfo, and mailxml_tm:ReturnInfo.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation	documentation A report or message indicating delivery closeout status for a scheduled appointment.
------------	---

element **ConsigneeGoodsReceiptDelivery**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Delivery of a consignee goods receipt from the USPS

element **ConsigneeGoodsReceiptNotification**

diagram	
---------	--

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Notification that a consignee goods receipt is ready for pickup from the USPS.

element **CustomerSupplierAgreementQueryRequest**

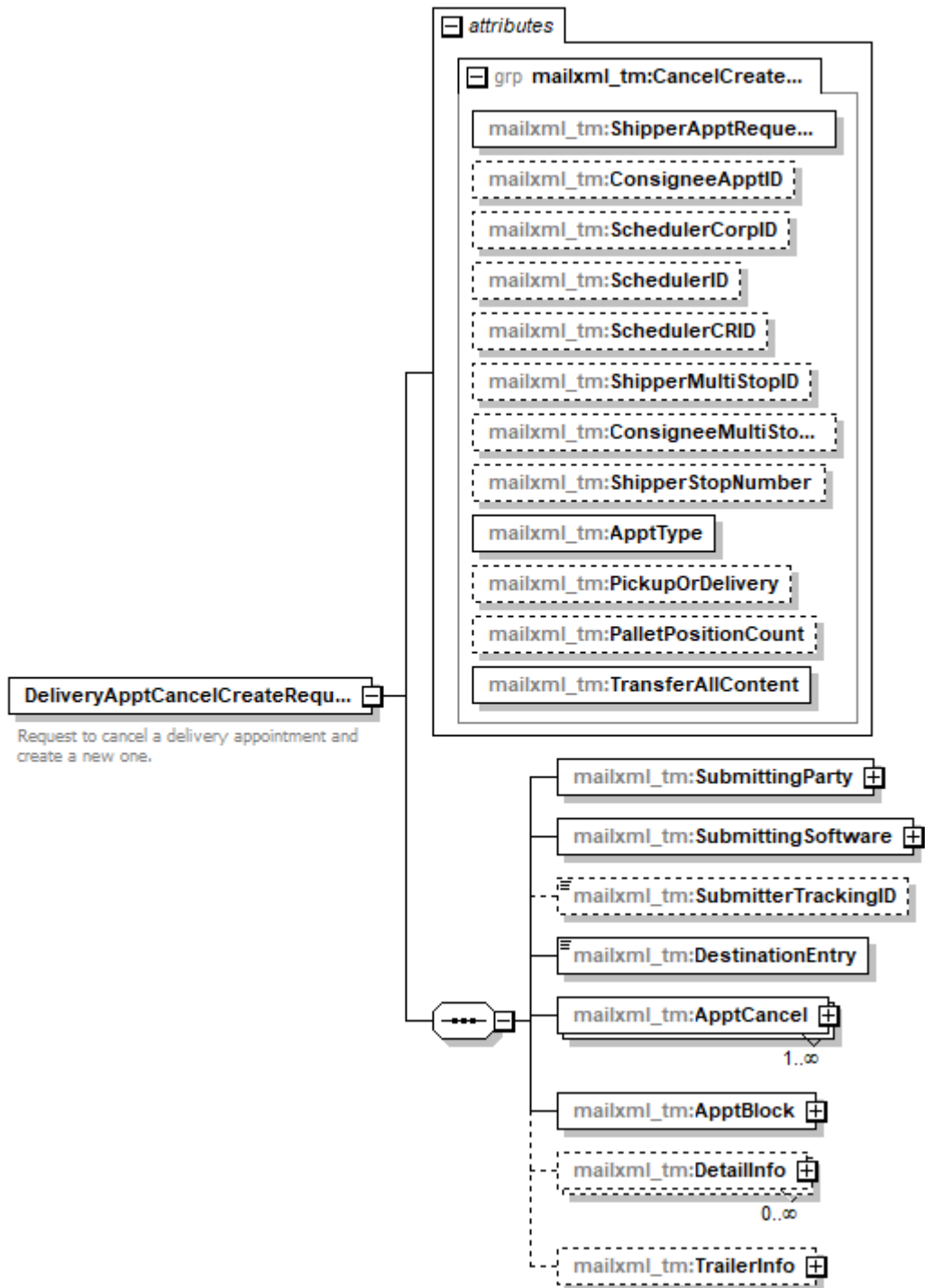
diagram	<p>The diagram illustrates the structure of the CustomerSupplierAgreementQueryRequest element. It features a main box labeled CustomerSupplierAgreement... with the description "Query request for for a Customer Supplier Agreement (CSA)". To the right, an attributes container holds a group grp mailxml_tm:CustomerSup... which includes mailxml_tm:OwnerCRID and mailxml_tm:CSAID. Below the main box, a sequence container (indicated by a circle with three dots) contains three elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_tm:SubmitterTrackingID. The first two are solid boxes with a plus sign, while the last is a dashed box.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Query request for for a Customer Supplier Agreement (CSA).

element **CustomerSupplierAgreementQueryResponse**

diagram	<p>The diagram illustrates the structure of the CustomerSupplierAgreementQueryResponse element. It features a main box labeled CustomerSupplierAgreement... with the description "Response to the Query request for for a Customer Supplier Agreement (CSA)". To the right, an attributes container holds a group grp mailxml_tm:CustomerSup... which includes mailxml_tm:OwnerCRID and mailxml_tm:CSAID. Below the main box, a sequence container (indicated by a circle with three dots) contains two elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID, both shown as dashed boxes. Following these, another sequence container (indicated by a circle with a slash and three dots) contains two elements: mailxml_tm:QueryResults and mailxml_tm:QueryError, both shown as solid boxes with a plus sign.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the Query request for for a Customer Supplier Agreement (CSA).

element **DeliveryApptCancelCreateRequest**

diagram



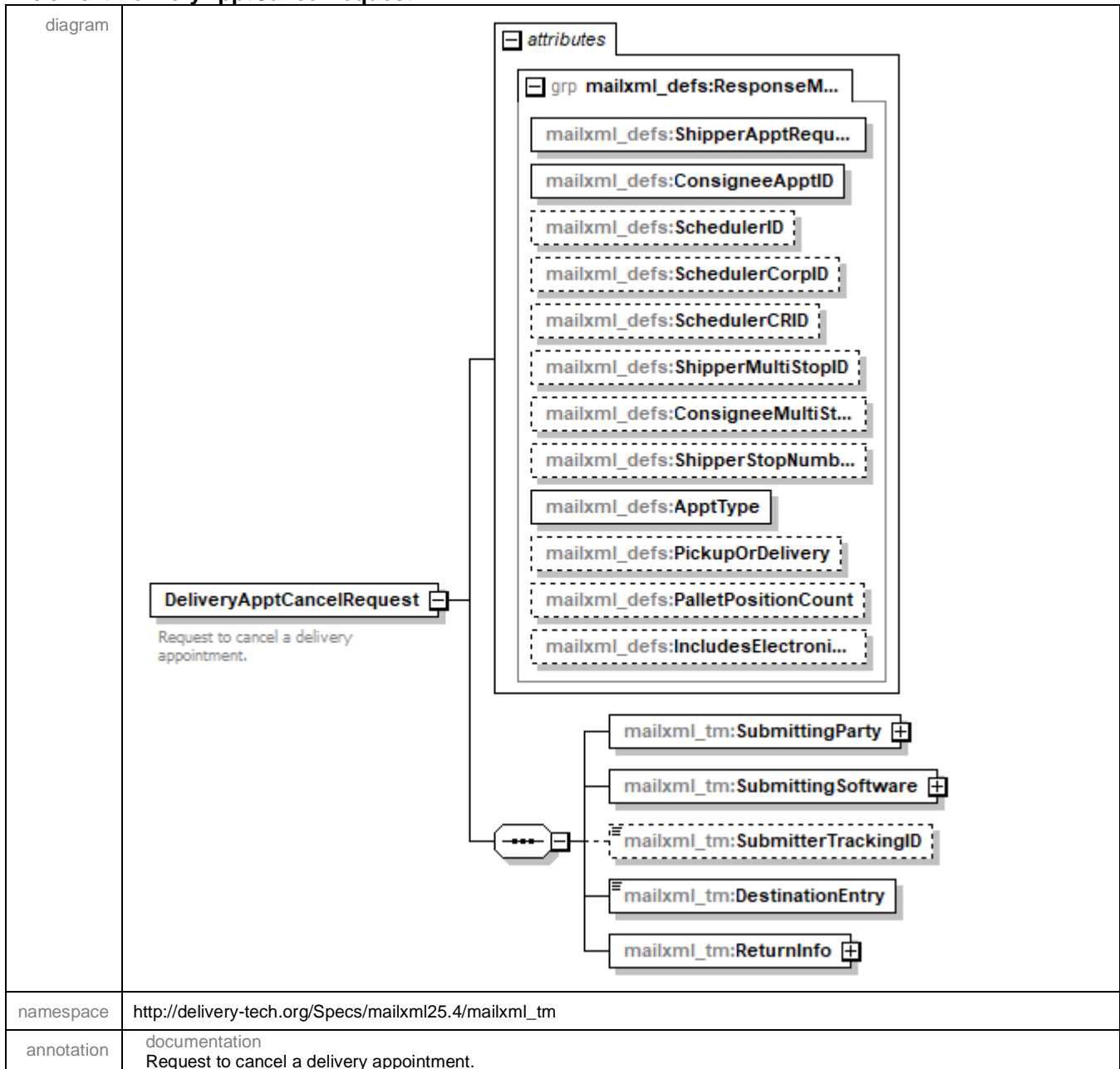
namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Request to cancel a delivery appointment and create a new one.

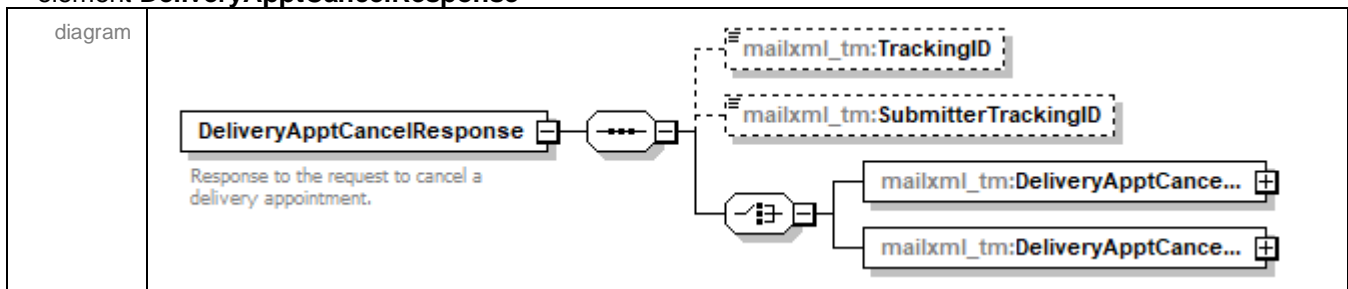
element **DeliveryApptCancelCreateResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Response to the request to cancel a delivery appointment and create a new one.</p>

element **DeliveryApptCancelRequest**



element **DeliveryApptCancelResponse**



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the request to cancel a delivery appointment.

element **DeliveryApptContentRemoveRequest**

diagram	<p>The diagram shows the structure of the DeliveryApptContentRemoveRequest element. It is a container element with a description: "Request to remove content from a delivery appointment." The structure includes:</p> <ul style="list-style-type: none"> An attributes group containing: <ul style="list-style-type: none"> mailxml_tm:ContentRemo... group containing: <ul style="list-style-type: none"> mailxml_tm:ConsigneeApptID mailxml_tm:SchedulerID mailxml_tm:SchedulerCorplD A sequence of four child elements: <ul style="list-style-type: none"> mailxml_tm:SubmittingParty (required, 1 occurrence) mailxml_tm:SubmittingSoftware (required, 1 occurrence) mailxml_tm:SubmitterTrackingID (optional, 1 occurrence, shown with a dashed border) mailxml_tm:ContentID (required, 1..∞ occurrences)
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Request to remove content from a delivery appointment.

element **DeliveryApptContentRemoveResponse**

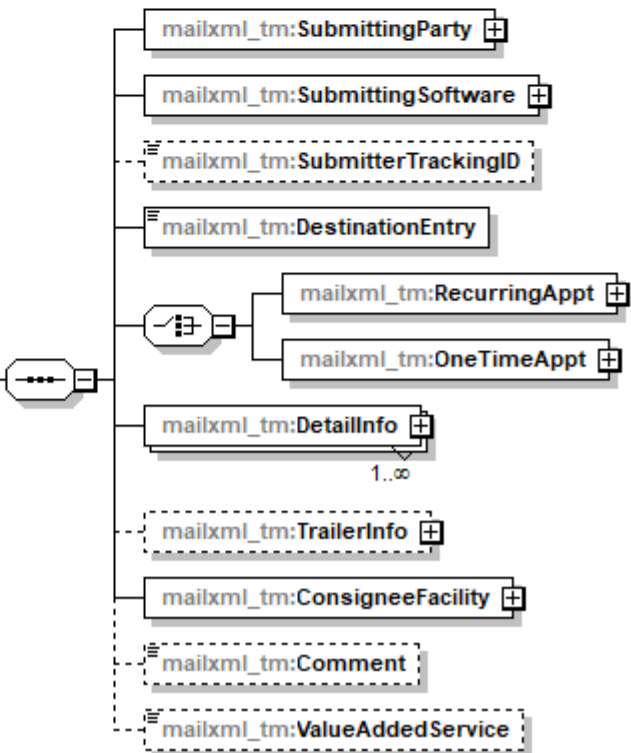
diagram	<p>The diagram shows the structure of the DeliveryApptContentRemoveResponse element. It is a container element with a description: "Response to the request to remove content from a delivery appointment." The structure includes:</p> <ul style="list-style-type: none"> A sequence of two optional child elements (shown with dashed borders): <ul style="list-style-type: none"> mailxml_tm:TrackingID mailxml_tm:SubmitterTrackingID A choice of two child elements: <ul style="list-style-type: none"> mailxml_tm:DeliveryApptConte... (required, 1 occurrence) mailxml_tm:DeliveryApptConte... (required, 1 occurrence)
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the request to remove content from a delivery appointment.

element **DeliveryApptCreateRequest**

diagram

DeliveryApptCreateRequest

Request to create a delivery appointment.



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation	documentation Request to create a delivery appointment.
------------	--

element **DeliveryApptCreateResponse**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the request to create a delivery appointment.

element **DeliveryApptMultiStopUpdateRequest**

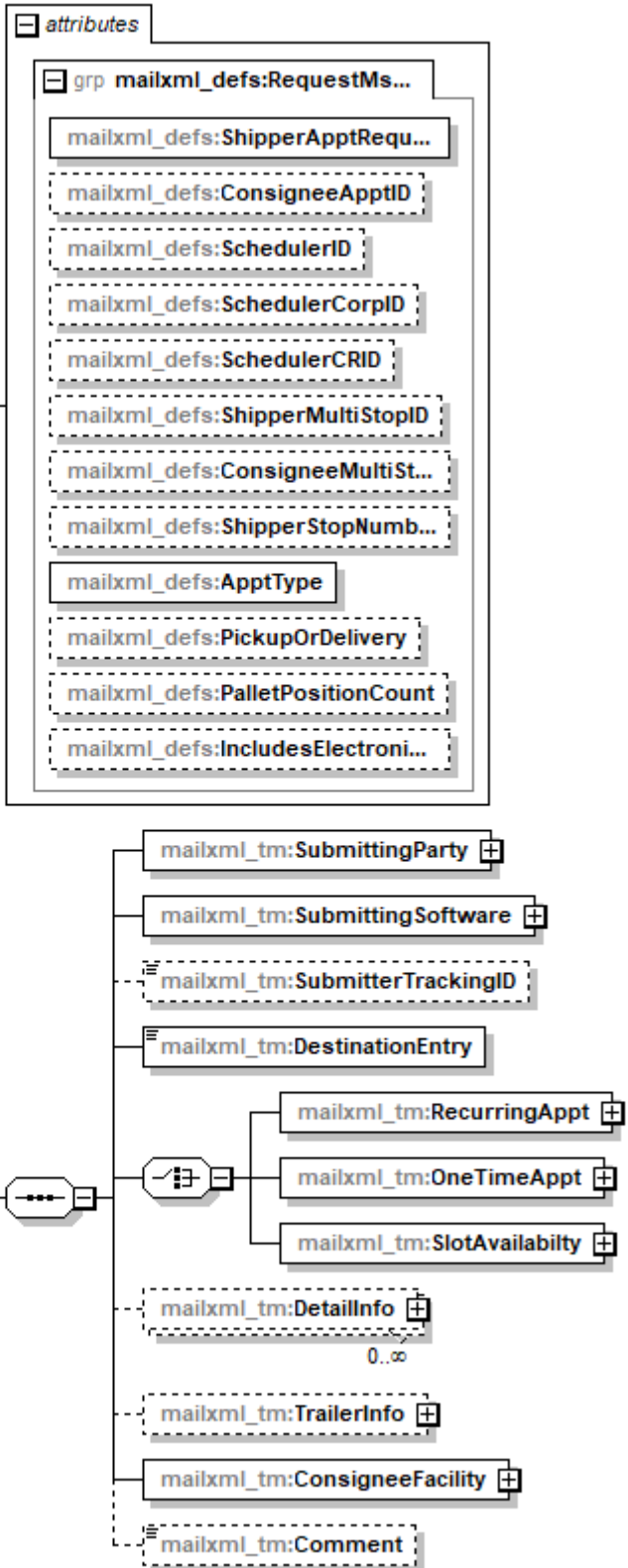
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Request to update a multistop delivery appointment.

element **DeliveryApptQueryRequest**

diagram

DeliveryApptQueryRequest

Query request for for availability of a particular appointment.



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

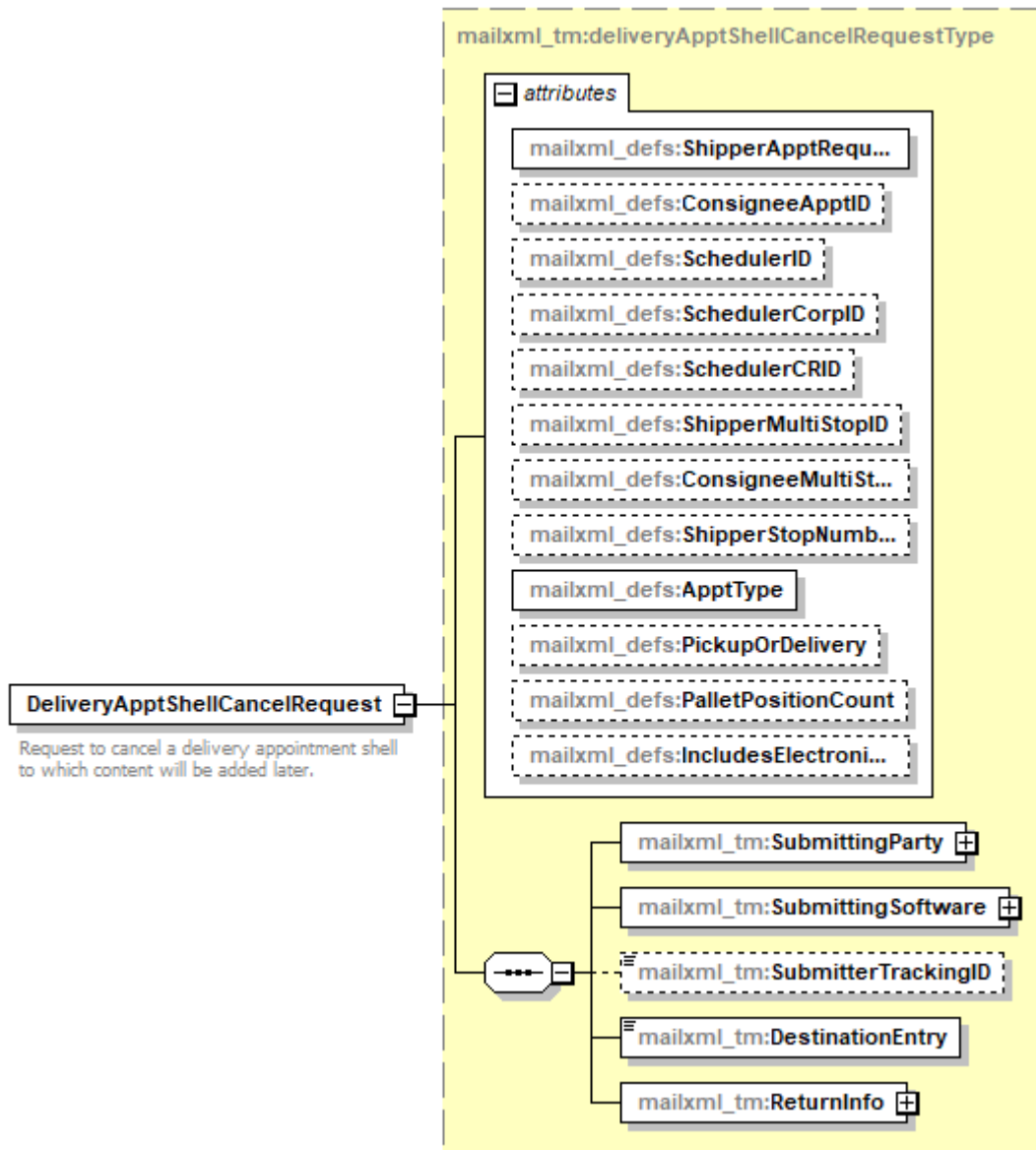
annotation	documentation Query request for for availability of a particular appointment.
------------	--

element
 DeliveryApptQueryResponse

<div> <div>diagram</div> <p>The diagram illustrates the structure of the DeliveryApptQueryResponse element. It is a container element with a title bar and a description: "Response to the Query request for for availability of a particular appointment." The structure is as follows:</p> <ul style="list-style-type: none"> attributes (group): <ul style="list-style-type: none"> grp mailxml_defs:RequestMs... (group): <ul style="list-style-type: none"> mailxml_defs:ShipperApptRequ... (solid box) mailxml_defs:ConsigneeApptID (dashed box) mailxml_defs:SchedulerID (dashed box) mailxml_defs:SchedulerCorpID (dashed box) mailxml_defs:SchedulerCRID (dashed box) mailxml_defs:ShipperMultiStopID (dashed box) mailxml_defs:ConsigneeMultiSt... (dashed box) mailxml_defs:ShipperStopNumb... (dashed box) mailxml_defs:ApptType (solid box) mailxml_defs:PickupOrDelivery (dashed box) mailxml_defs:PalletPositionCount (dashed box) mailxml_defs:IncludesElectroni... (dashed box) mailxml_tm:TrackingID (dashed box) mailxml_tm:SubmitterTrackingID (dashed box) mailxml_tm:QueryResults (solid box with a plus icon) mailxml_tm:QueryError (solid box with a plus icon) <p>Relationships are shown with lines and connectors: a solid line connects the main element to the attributes group; dashed lines connect the main element to mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID; and a solid line connects the main element to a choice connector (octagon with a vertical bar) that branches into mailxml_tm:QueryResults and mailxml_tm:QueryError.</p> </div>	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the Query request for for availability of a particular appointment.

element **DeliveryApptShellCancelRequest**

diagram



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

type [mailxml_tm:deliveryApptShellCancelRequestType](#)

annotation
documentation
Request to cancel a delivery appointment shell to which content will be added later.

element **DeliveryApptShellCancelResponse**

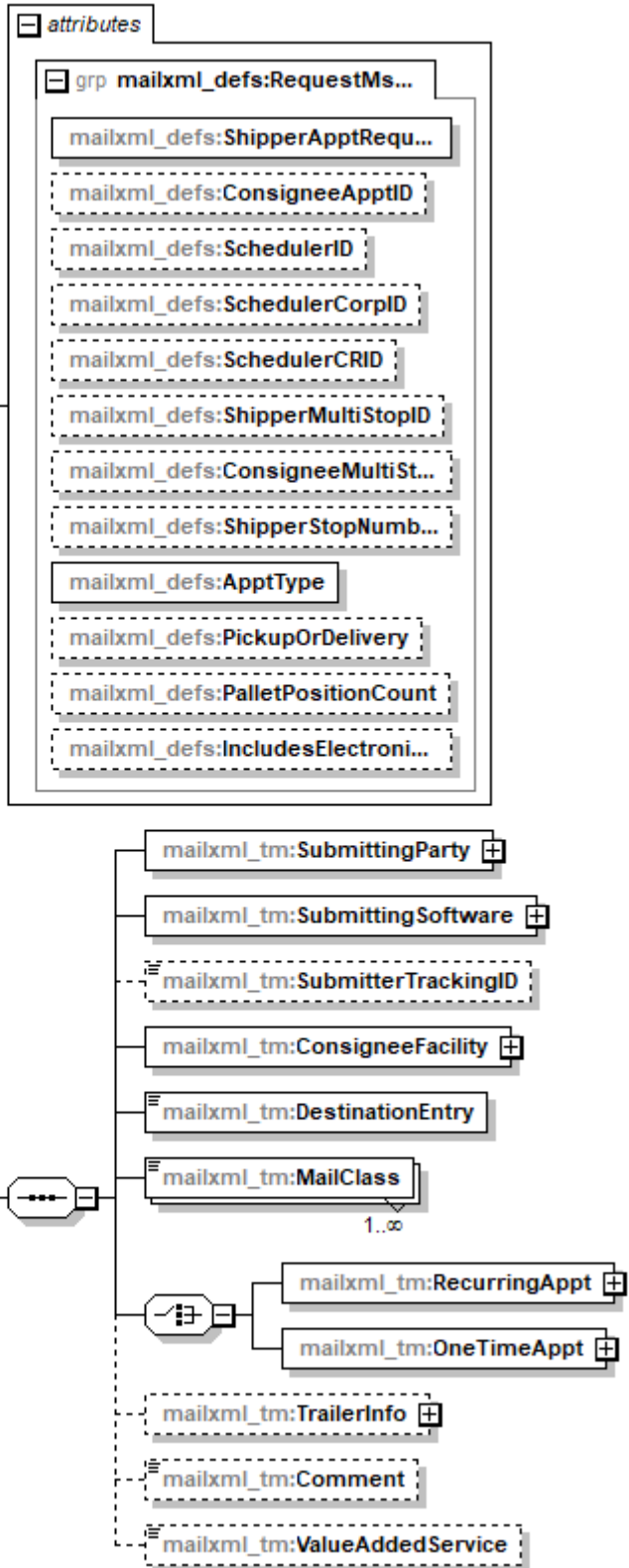
diagram	<p>The diagram illustrates the structure of the <code>mailxml_tm:deliveryApptShellCancelResponseType</code>. It features a main element box labeled <code>DeliveryApptShellCancelRespo...</code> with a description: "Response to a request to cancel a delivery appointment shell to which content will be added later." This element is connected via a sequence container (a box with three dots) to a choice container (a box with a plus sign and a vertical bar). The choice container has two branches: one leading to a sequence container (three dots) which contains two optional elements (<code>mailxml_tm:SubmitterTrackingID</code> and <code>mailxml_tm:TrackingID</code>), and another leading to a choice container (plus sign and vertical bar) which contains two optional elements (<code>mailxml_tm:DeliveryApptCance...</code> and <code>mailxml_tm:DeliveryApptCance...</code>).</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	mailxml_tm:deliveryApptShellCancelResponseType
annotation	<p>documentation</p> <p>Response to a request to cancel a delivery appointment shell to which content will be added later.</p>

element **DeliveryApptShellCreateRequest**

diagram

DeliveryApptShellCreateRequest

Request to create a delivery appointment shell to which content will be added later.



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation	documentation Request to create a delivery appointment shell to which content will be added later.
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element **DeliveryApptShellCreateResponse**

diagram	<p>The diagram illustrates the structure of the DeliveryApptShellCreateResponse element. It is a container element (rectangle with a small square on the right) that contains a sequence of three elements:</p> <ul style="list-style-type: none">A DeliveryApptShellCreateRespo... element (rectangle with a small square on the right).A sequence container (octagon with three dots) containing two elements:<ul style="list-style-type: none">A mailxml_tm:TrackingID element (dashed rectangle).A mailxml_tm:SubmitterTrackingID element (dashed rectangle).A choice container (octagon with a vertical line and a small square) containing two elements:<ul style="list-style-type: none">A mailxml_tm:DeliveryApptShellIC... element (rectangle with a small square on the right).A mailxml_tm:DeliveryApptShellIC... element (rectangle with a small square on the right).
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the request to create a delivery appointment shell to which content will be added later.

element **DeliveryApptShellUpdateRequest**

diagram

DeliveryApptShellUpdateRequest

Request to update a delivery appointment shell to which content will be added later.

attributes

grp mailxml_defs:RequestMs...

mailxml_defs:ShipperApptRequ...

mailxml_defs:ConsigneeApptID

mailxml_defs:SchedulerID

mailxml_defs:SchedulerCorpID

mailxml_defs:SchedulerCRID

mailxml_defs:ShipperMultiStopID

mailxml_defs:ConsigneeMultiSt...

mailxml_defs:ShipperStopNumb...

mailxml_defs:ApptType

mailxml_defs:PickupOrDelivery

mailxml_defs:PalletPositionCount

mailxml_defs:IncludesElectroni...

mailxml_tm:SubmittingParty

mailxml_tm:SubmittingSoftware

mailxml_tm:SubmitterTrackingID

mailxml_tm:ConsigneeFacility

mailxml_tm:DestinationEntry

mailxml_tm:MailClass

1..∞

mailxml_tm:RecurringAppt

mailxml_tm:OneTimeAppt

mailxml_tm:TrailerInfo

mailxml_tm:Comment

mailxml_tm:ValueAddedService

namespace

http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation	documentation Response to the Query request for the status of a delivery appointment.
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element **DeliveryApptTransportationUpdateRequest**

diagram	<p>DeliveryApptTransportationUpd... Request to update the transportation for a delivery appointment.</p> <p>mailxml_tm:deliveryApptTransportationUpdateRequestType</p> <ul style="list-style-type: none"> attributes <ul style="list-style-type: none"> mailxml_tm:ShipperApptReque... mailxml_tm:ConsigneeApptID mailxml_tm:SchedulerContentID mailxml_tm:SchedulerID choice <ul style="list-style-type: none"> mailxml_tm:SubmittingParty mailxml_tm:SubmittingSoftware mailxml_tm:SubmitterTrackingID mailxml_tm:TrailerInfo
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	mailxml_tm:deliveryApptTransportationUpdateRequestType
annotation	documentation Request to update the transportation for a delivery appointment.

element **DeliveryApptTransportationUpdateResponse**

diagram	<p>DeliveryApptTransportationUpd... Response to the request to update the transportation for a delivery appointment.</p> <p>mailxml_tm:deliveryApptTransportationUpdateResponseType</p> <ul style="list-style-type: none"> choice <ul style="list-style-type: none"> mailxml_tm:SubmitterTrackingID mailxml_tm:TrackingID mailxml_tm:DeliveryApptTrans... mailxml_tm:DeliveryApptTrans...
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	mailxml_tm:deliveryApptTransportationUpdateResponseType
annotation	documentation Response to the request to update the transportation for a delivery appointment.

element **DeliveryApptUpdate**

diagram



namespace

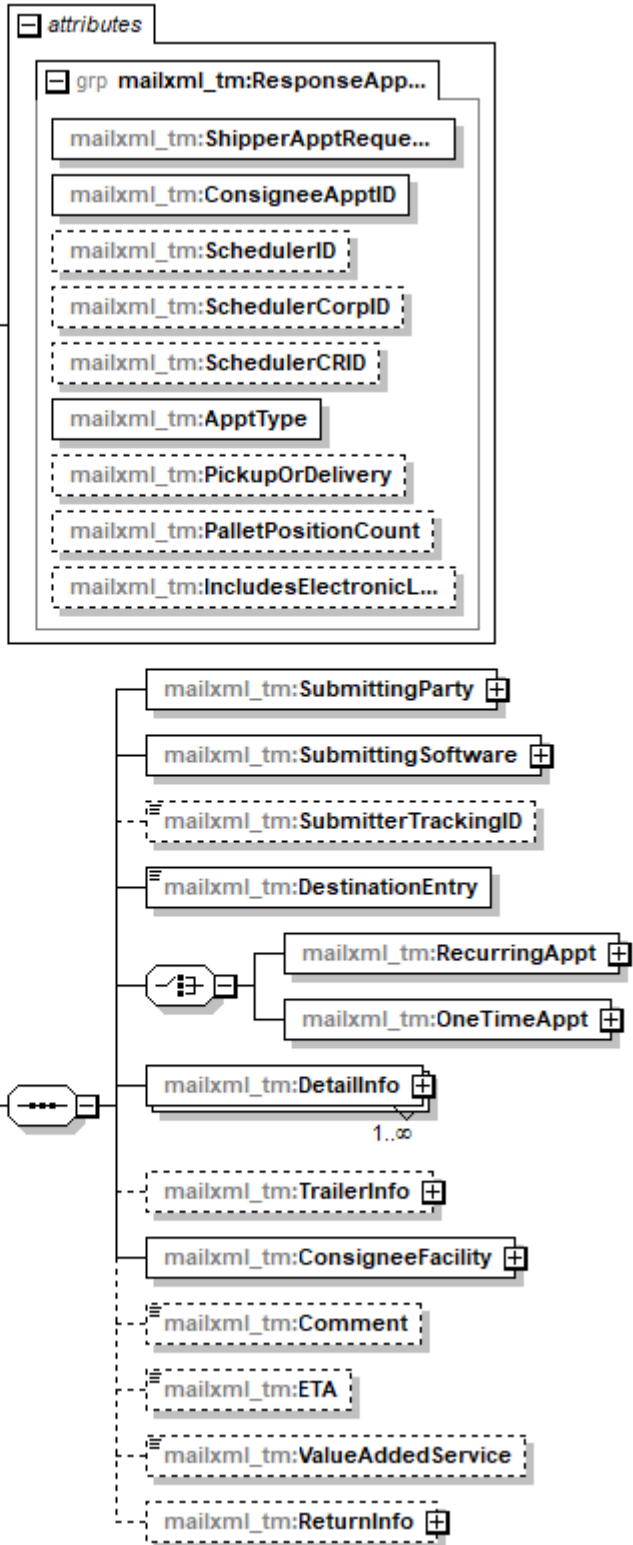
http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

element **DeliveryApptUpdateRequest**

diagram

DeliveryApptUpdateRequest

Request to update a deliver appointment.



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Request to update a deliver appointment.

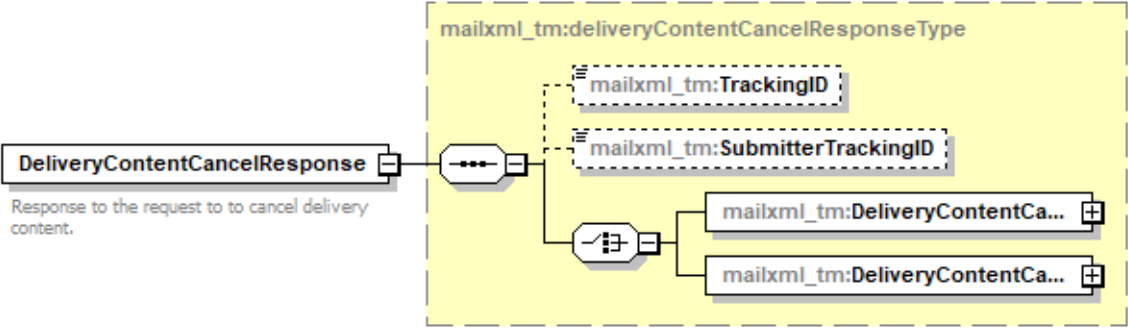
element DeliveryApptUpdateResponse

diagram	<p>The diagram shows the structure of the DeliveryApptUpdateResponse element. It is a container element with a description: "Response to the request to update a deliver appointment." The structure is as follows:</p> <ul style="list-style-type: none"> A sequence container (rectangle with three dots) containing: <ul style="list-style-type: none"> A choice container (octagon with a vertical line) containing: <ul style="list-style-type: none"> mailxml_tm:TrackingID (dashed box) mailxml_tm:SubmitterTrackingID (dashed box) A choice container (octagon with a vertical line) containing: <ul style="list-style-type: none"> mailxml_tm:DeliveryApptUpdat... (solid box) mailxml_tm:DeliveryApptUpdat... (solid box)
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the request to update a deliver appointment.

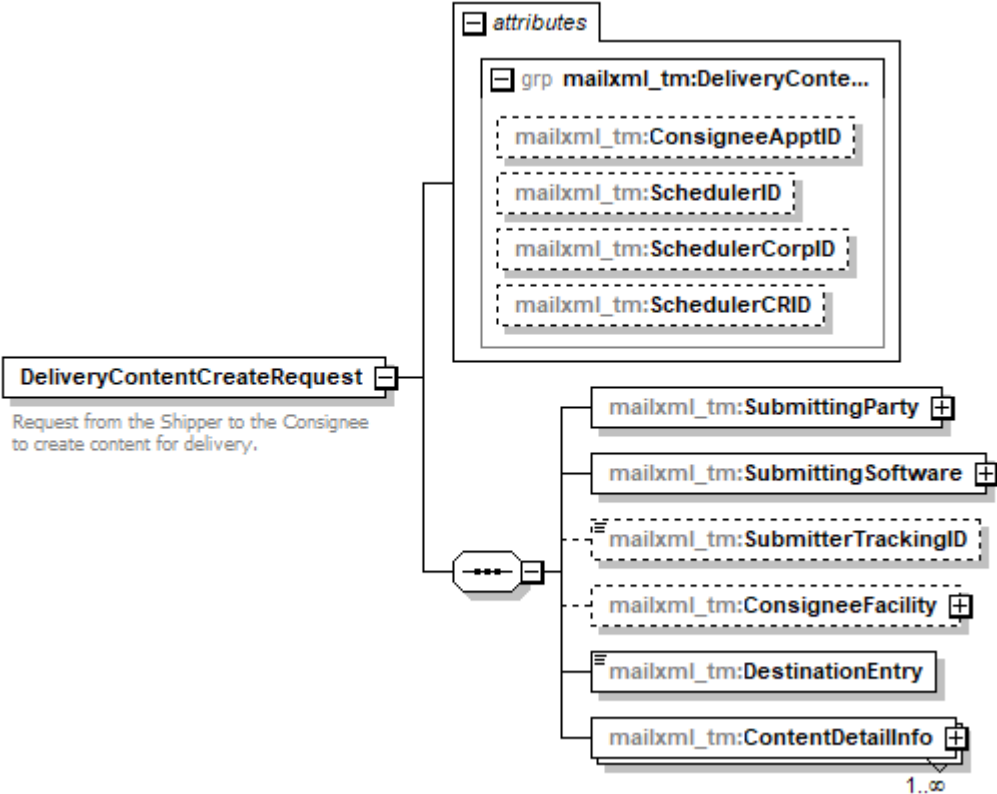
element DeliveryContentCancelRequest

diagram	<p>The diagram shows the structure of the DeliveryContentCancelRequest element. It is a container element with a description: "Request to cancel delivery content." The structure is as follows:</p> <ul style="list-style-type: none"> A sequence container (rectangle with three dots) containing: <ul style="list-style-type: none"> An attributes container (rectangle with a minus sign) containing: <ul style="list-style-type: none"> mailxml_tm:SchedulerID (dashed box) mailxml_tm:SchedulerCorpID (dashed box) mailxml_tm:SchedulerCRID (dashed box) A choice container (octagon with a vertical line) containing: <ul style="list-style-type: none"> mailxml_tm:SubmittingParty (solid box) mailxml_tm:SubmittingSoftware (solid box) mailxml_tm:SubmitterTrackingID (dashed box) mailxml_tm:DestinationEntry (solid box) mailxml_tm:ContentCancel (solid box) with a cardinality of 1..∞. <p>The entire structure is enclosed in a dashed box labeled mailxml_tm:deliveryContentCancelRequestType.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	mailxml_tm:deliveryContentCancelRequestType
annotation	documentation Request to cancel delivery content.

element **DeliveryContentCancelResponse**

diagram	 <p>The diagram shows the structure of the DeliveryContentCancelResponse element. It is a container element with a description: "Response to the request to to cancel delivery content." The element is part of the mailxml_tm:deliveryContentCancelResponseType. It contains a sequence of two optional elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. These are followed by a choice of two optional elements: mailxml_tm:DeliveryContentCa... and mailxml_tm:DeliveryContentCa....</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	mailxml_tm:deliveryContentCancelResponseType
annotation	<p>documentation</p> <p>Response to the request to to cancel delivery content.</p>

element **DeliveryContentCreateRequest**

diagram	 <p>The diagram shows the structure of the DeliveryContentCreateRequest element. It is a container element with a description: "Request from the Shipper to the Consignee to create content for delivery." The element is part of the mailxml_tm:DeliveryContentCreateRequestType. It contains a sequence of two optional elements: mailxml_tm:SubmittingParty and mailxml_tm:SubmittingSoftware. These are followed by a choice of two optional elements: mailxml_tm:SubmitterTrackingID and mailxml_tm:ConsigneeFacility. The choice is followed by a sequence of two optional elements: mailxml_tm:DestinationEntry and mailxml_tm:ContentDetailInfo. The ContentDetailInfo element has a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Request from the Shipper to the Consignee to create content for delivery.</p>

element **DeliveryContentCreateResponse**

diagram	<p>The diagram shows the structure of the DeliveryContentCreateResponse element. It is a container element with a description: "Response to the request to create content for delivery." The element contains a sequence of two optional elements (indicated by dashed lines and a circle with a dot): mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. Following these is a choice element (indicated by a circle with a vertical line) containing two optional elements: mailxml_tm:DeliveryContentAc... and mailxml_tm:DeliveryContentRej....</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the request to create content for delivery.

element **DeliveryContentQueryRequest**

diagram	<p>The diagram shows the structure of the DeliveryContentQueryRequest element. It is a container element with a description: "Query request for delivery content." The element contains a sequence of two optional elements (indicated by dashed lines and a circle with a dot): a group of attributes and a choice element. The attributes group contains a grp mailxml_tm:DeliveryConte... group, which includes several optional elements: mailxml_tm:ConsigneeApptID, mailxml_tm:SchedulerID, mailxml_tm:SchedulerCorpID, mailxml_tm:SchedulerCRID, mailxml_tm:SchedulerContentID, mailxml_tm:ConsigneeContentID, mailxml_tm:RetrieveContentUp..., and mailxml_tm:RetrieveContentUp.... The choice element contains four optional elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_tm:SubmitterTrackingID, mailxml_tm:ConsigneeFacility, and mailxml_tm:DestinationEntry.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Query request for delivery content.

element **DeliveryContentQueryResponse**

<p>diagram</p>	
<p>namespace</p>	<p>http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm</p>
<p>annotation</p>	<p>documentation Response to the Query request for delivery content.</p>

element **DeliveryContentUpdateRequest**

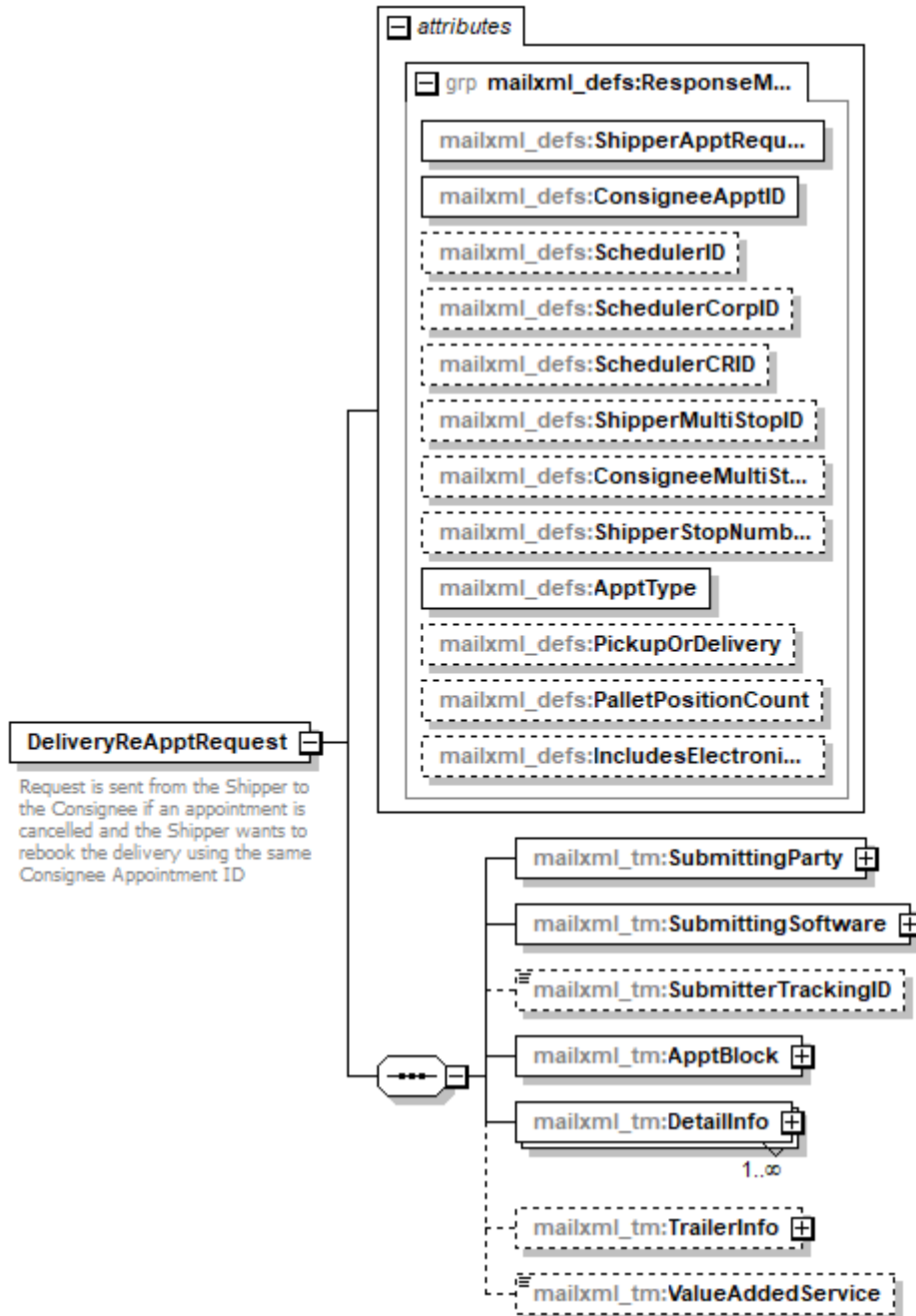
diagram	<p>The diagram shows the structure of the DeliveryContentUpdateRequest element. It is a container element with a description: "Request from the Shipper to the Consignee to update the content for delivery." The structure includes:</p> <ul style="list-style-type: none"> An attributes group containing a sub-group mailxml_tm:DeliveryConte... which lists several attributes: mailxml_tm:ConsigneeApptID, mailxml_tm:SchedulerID, mailxml_tm:SchedulerCorplD, mailxml_tm:SchedulerCRID, and mailxml_tm:FullContentReplace.... A sequence of child elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_tm:SubmitterTrackingID, mailxml_tm:ConsigneeFacility, mailxml_tm:DestinationEntry, and mailxml_tm:ContentDetailInfoU.... The last element has a cardinality of 1..∞.
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Request from the Shipper to the Consignee to update the content for delivery.</p>

element **DeliveryContentUpdateResponse**

diagram	<p>The diagram shows the structure of the DeliveryContentUpdateResponse element. It is a container element with a description: "Response to the request from the Shipper to the Consignee to update the content for delivery." The structure includes:</p> <ul style="list-style-type: none"> A sequence of child elements: mailxml_tm:TrackingID, mailxml_tm:SubmitterTrackingID, and a choice of two mailxml_tm:DeliveryContentUp... elements.
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Response to the request from the Shipper to the Consignee to update the content for delivery.</p>

element **DeliveryReApptRequest**

diagram



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Request is sent from the Shipper to the Consignee if an appointment is cancelled and the Shipper wants to rebook the delivery using the same Consignee Appointment ID

element DispatchContainerInfoNotification

diagram	<p>The diagram shows the structure of the DispatchContainerInfoNotification element. It is a container element with a title bar and a description "Transportation mesaging". It contains an attributes group with two sub-elements: mailxml_tm:DispatchCont... (which is a group containing mailxml_tm:CustomerGroupID and mailxml_tm:MailingGroupID) and a sequence of five optional elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_tm:SubmitterTrackingID, mailxml_tm:TransportationSu..., mailxml_tm:TransportationGeo..., and mailxml_tm:TransportationCon....</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Transportation mesaging

element DispatchContainerInfoResponse

diagram	<p>The diagram shows the structure of the DispatchContainerInfoResponse element. It is a container element with a title bar and a description "Response to the notification for dispatch container information.". It contains a sequence of two optional elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. This is followed by a choice element with two options: mailxml_tm:DispatchContainerl... and mailxml_tm:DispatchContainerl....</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the notification for dispatch container information.

element GoodsReceiptResponse

diagram	<p>The diagram shows the structure of the GoodsReceiptResponse element. It is a container element with a title bar and a description "Response to the consignee goods response message.". It contains a sequence of two optional elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. This is followed by a choice element with two options: mailxml_tm:OK and mailxml_tm:ReturnInfo.</p>
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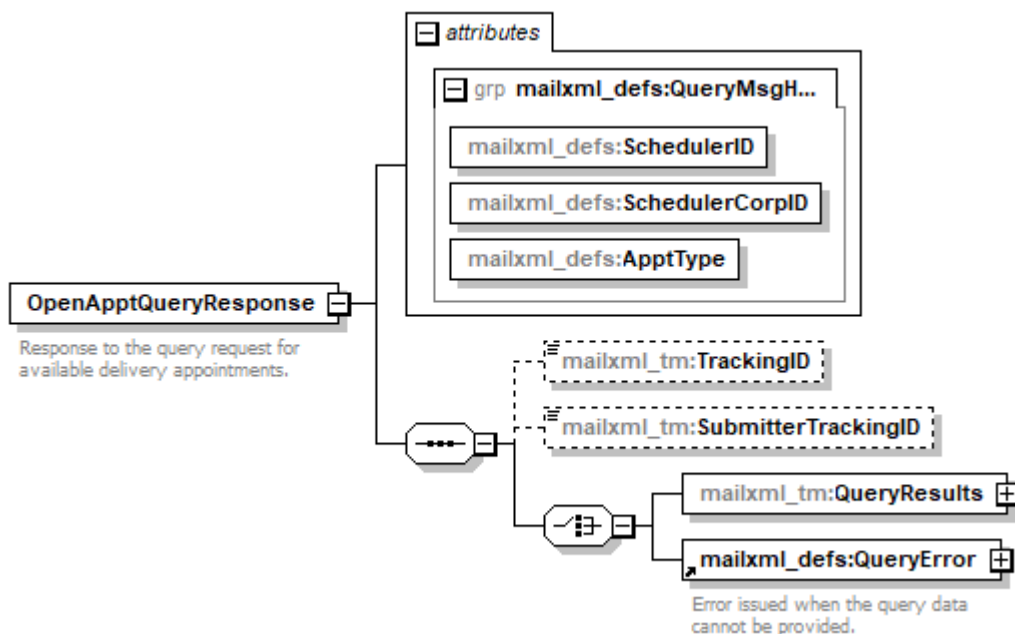
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the consignee goods response message.

element **OpenApptQueryRequest**

diagram	<p>The diagram illustrates the structure of the OpenApptQueryRequest element. It is a container element with a description: "Query request for available delivery appointments." The structure is as follows:</p> <ul style="list-style-type: none">attributes (group):<ul style="list-style-type: none">grp mailxml_defs:QueryMsgH... (group):<ul style="list-style-type: none">mailxml_defs:SchedulerIDmailxml_defs:SchedulerCorplDmailxml_defs:ApptTypemailxml_tm:SubmittingParty (optional, 1..∞)mailxml_tm:SubmittingSoftware (optional, 1..∞)mailxml_tm:SubmitterTrackingID (optional, 1..∞)mailxml_tm:ConsigneeFacility (optional, 1..∞)mailxml_tm:OptionalAppt (optional, 1..∞) <p>The diagram uses a tree structure to show the nesting of these elements. The attributes group is shown as a separate box connected to the main element. The other elements are shown as boxes connected to the main element, with a dashed line indicating optional participation. The cardinality 1..∞ is shown at the bottom right of the diagram.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Query request for available delivery appointments.

element **OpenApptQueryResponse**

diagram

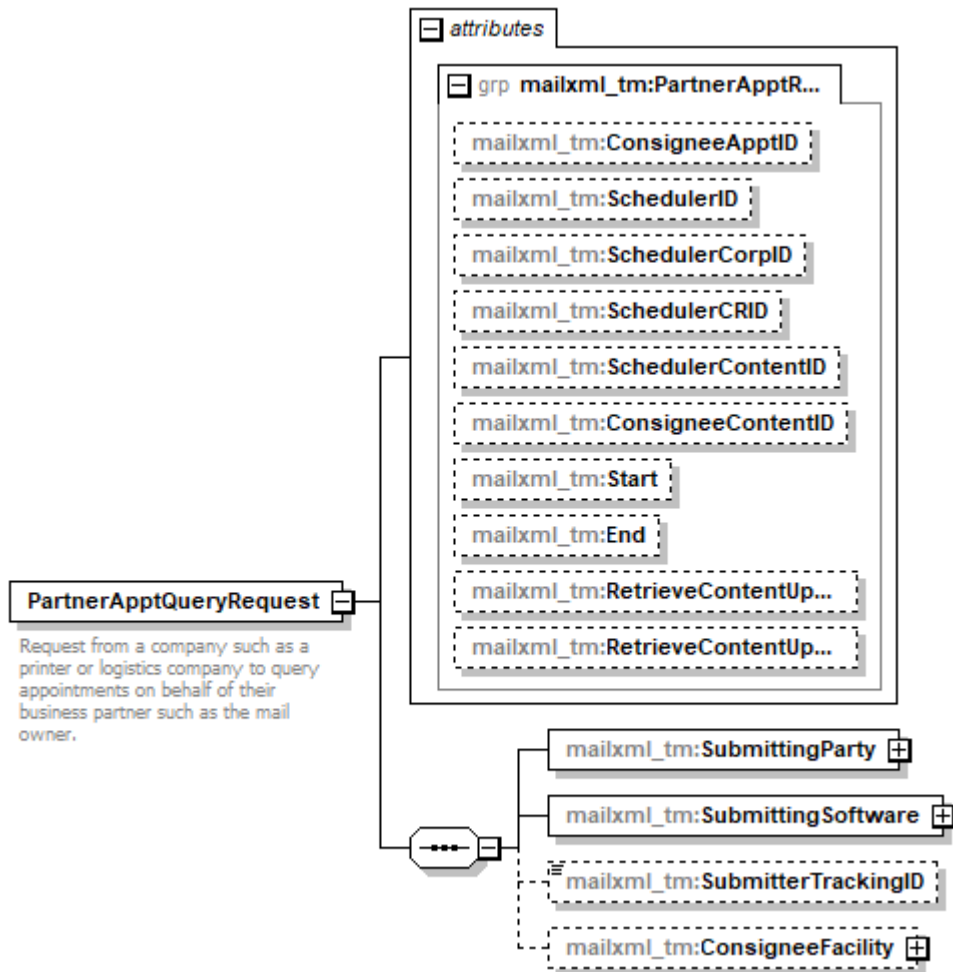


namespace `http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm`

annotation
documentation
Response to the query request for available delivery appointments.

element **PartnerApptQueryRequest**

diagram

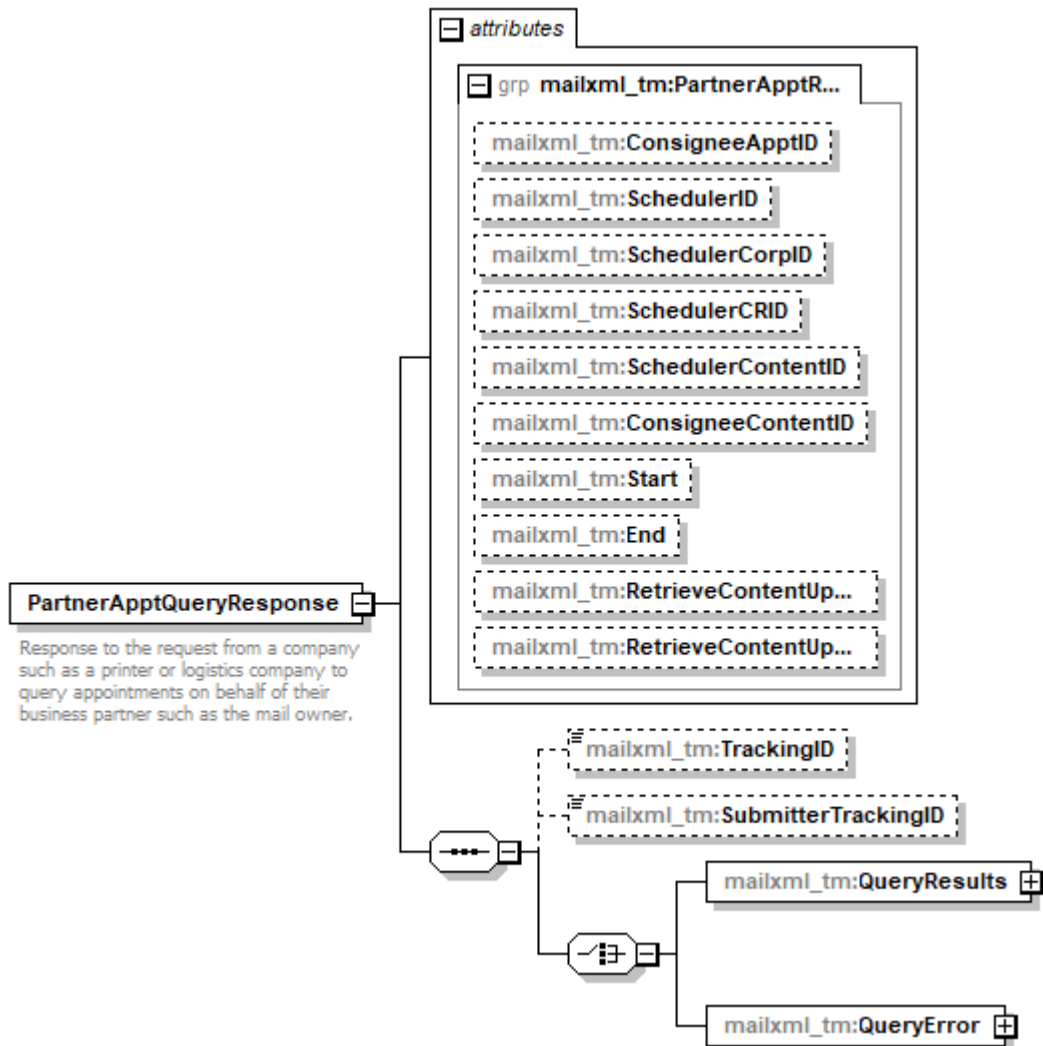


namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Request from a company such as a printer or logistics company to query appointments on behalf of their business partner such as the mail owner.

element **PartnerApptQueryResponse**

diagram



namespace `http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm`

annotation
documentation
Response to the request from a company such as a printer or logistics company to query appointments on behalf of their business partner such as the mail owner.

element **PartnerContentAssignmentRequest**

diagram	<p>The diagram shows the structure of the PartnerContentAssignmentRequest element. It is a container element with a description: "Request from a users such as owner, preparer, consolidator, scheduler to assign the content to another user". The structure includes:</p> <ul style="list-style-type: none"> An attributes group containing a grp mailxml_tm:ContentAssig... group, which contains five attributes: mailxml_tm:SchedulerID, mailxml_tm:SchedulerCorplD, mailxml_tm:SchedulerCRID, mailxml_tm:MailerID6, and mailxml_tm:MailerID9. A sequence of five child elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, mailxml_tm:SubmitterTrackingID, mailxml_tm:CurrentPartnerOw..., and mailxml_tm:PartnerContentAs.... The last element has a cardinality of 1..∞.
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Request from a users such as owner, preparer, consolidator, scheduler to assign the content to another user</p>

element **PartnerContentAssignmentResponse**

diagram	<p>The diagram shows the structure of the PartnerContentAssignmentResponse element. It is a container element with a description: "Response to the request from a user for assignment of content to other user". The structure includes:</p> <ul style="list-style-type: none"> A sequence of two child elements: mailxml_tm:TrackingID and mailxml_tm:SubmitterTrackingID. A sequence of two child elements: mailxml_tm:PartnerContentAs... and mailxml_tm:PartnerContentAs.... The first element has a cardinality of 1..∞.
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Response to the request from a user for assignment of content to other user</p>

element PickupApptCancelRequest

diagram	<p>The diagram shows the structure of the PickupApptCancelRequest element. It is a container element with a description: "Request to cancel a pickup delivery appointment." The structure includes:</p> <ul style="list-style-type: none"> An attributes group containing: <ul style="list-style-type: none"> A grp mailxml_tm:PickupRespo... group containing: <ul style="list-style-type: none"> mailxml_tm:ShipperApptReque... mailxml_tm:ConsigneeApptID mailxml_tm:SchedulerCorpID mailxml_tm:SchedulerID mailxml_tm:ApptType (indicated as optional with a dashed border) A sequence of three elements: <ul style="list-style-type: none"> mailxml_tm:SubmittingParty (required, indicated by a solid border and a plus sign) mailxml_tm:SubmittingSoftware (required, indicated by a solid border and a plus sign) mailxml_tm:SubmitterTrackingID (optional, indicated by a dashed border) A choice of two elements: <ul style="list-style-type: none"> mailxml_tm:ReturnInfo (optional, indicated by a dashed border and a plus sign)
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Request to cancel a pickup delivery appointment.

element PickupApptCancelResponse

diagram	<p>The diagram shows the structure of the PickupApptCancelResponse element. It is a container element with a description: "Response to a request to cancel a pickup delivery appointment." The structure includes:</p> <ul style="list-style-type: none"> A choice of two elements: <ul style="list-style-type: none"> mailxml_tm:TrackingID (optional, indicated by a dashed border) mailxml_tm:SubmitterTrackingID (optional, indicated by a dashed border) A choice of two elements: <ul style="list-style-type: none"> mailxml_tm:DeliveryApptCance... (required, indicated by a solid border and a plus sign) mailxml_tm:DeliveryApptCance... (required, indicated by a solid border and a plus sign)
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to a request to cancel a pickup delivery appointment.

element PickupApptCreateRequest

diagram	<p>The diagram shows the structure of the PickupApptCreateRequest element. It is a container for several components:</p> <ul style="list-style-type: none"> attributes: A group containing a grp mailxml_tm:PickupReque... group. This group contains: <ul style="list-style-type: none"> mailxml_tm:ShipperApptReque... (solid box) mailxml_tm:ConsigneeApptID (dashed box) mailxml_tm:SchedulerCorpID (solid box) mailxml_tm:SchedulerID (solid box) mailxml_tm:ApptType (dashed box) mailxml_tm:IncludesElectronicL... (dashed box) mailxml_tm:SubmittingParty (solid box) mailxml_tm:SubmittingSoftware (solid box) mailxml_tm:SubmitterTrackingID (dashed box) mailxml_tm:ApptBlock (solid box) mailxml_tm:DetailInfo (solid box, with a 1..∞ cardinality indicator) <p>The element is described as: PickupApptCreateRequest Request to create a pickup delivery appointment.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Request to create a pickup delivery appointment.

element PickupApptCreateResponse

diagram	<p>The diagram shows the structure of the PickupApptCreateResponse element. It is a container for several components:</p> <ul style="list-style-type: none"> mailxml_tm:TrackingID (dashed box) mailxml_tm:SubmitterTrackingID (dashed box) mailxml_tm:PickupApptCreate... (solid box) mailxml_tm:PickupApptCreate... (solid box) <p>The element is described as: PickupApptCreateResponse Response to a request to create a pickup delivery appointment.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to a request to create a pickup delivery appointment.

element PickupApptUpdateRequest

diagram	<p>The diagram shows the structure of the PickupApptUpdateRequest element. It is a container for several components:</p> <ul style="list-style-type: none"> An attributes group containing: <ul style="list-style-type: none"> A group named mailxml_tm:PickupRespo... which contains: <ul style="list-style-type: none"> mailxml_tm:ShipperApptReque... mailxml_tm:ConsigneeApptID mailxml_tm:SchedulerCorplD mailxml_tm:SchedulerID mailxml_tm:ApptType (indicated as optional with a dashed border) A sequence of five elements: <ul style="list-style-type: none"> mailxml_tm:SubmittingParty (required, indicated by a solid border and a plus icon) mailxml_tm:SubmittingSoftware (required, indicated by a solid border and a plus icon) mailxml_tm:SubmitterTrackingID (optional, indicated by a dashed border and a plus icon) mailxml_tm:ApptBlock (required, indicated by a solid border and a plus icon) mailxml_tm:DetailInfo (required, indicated by a solid border and a plus icon) <p>The sequence of elements is enclosed in a box with a plus icon, and the cardinality 1..∞ is shown at the bottom right.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Request to update a pickup delivery appointment.</p>

element PickupApptUpdateResponse

diagram	<p>The diagram shows the structure of the PickupApptUpdateResponse element. It is a container for several components:</p> <ul style="list-style-type: none"> A sequence of two optional elements: <ul style="list-style-type: none"> mailxml_tm:TrackingID (optional, indicated by a dashed border and a plus icon) mailxml_tm:SubmitterTrackingID (optional, indicated by a dashed border and a plus icon) A choice of two elements: <ul style="list-style-type: none"> mailxml_tm:PickupApptUpdate... (required, indicated by a solid border and a plus icon) mailxml_tm:PickupApptUpdate... (required, indicated by a solid border and a plus icon)
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Response to a request to update a pickup delivery appointment.</p>

element **RecurringApptQueryRequest**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Query request for recurring appointment information.

element **RecurringApptQueryResponse**

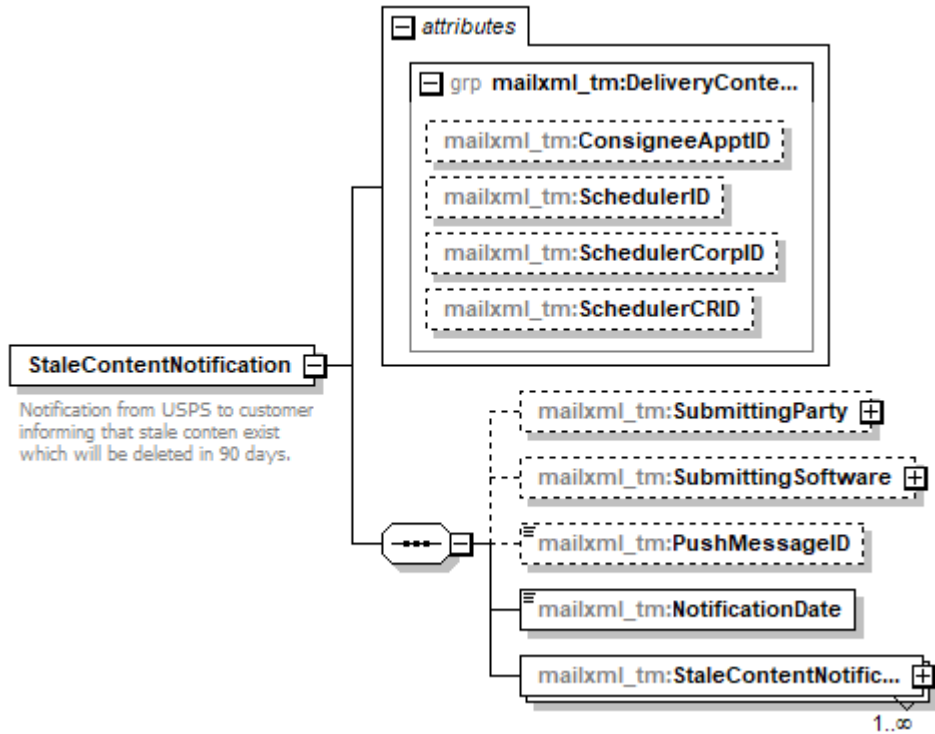
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Response to the query for recurring appointment information.

element **ScheduledAppt**

diagram	
---------	--

element **StaleContentNotification**

diagram



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Notification from USPS to customer informing that stale conten exist which will be deleted in 90 days.

element **StaleContentQueryRequest**

diagram



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Query request for stale delivery content.

element **StaleContentQueryResponse**

diagram

StaleContentQueryResponse

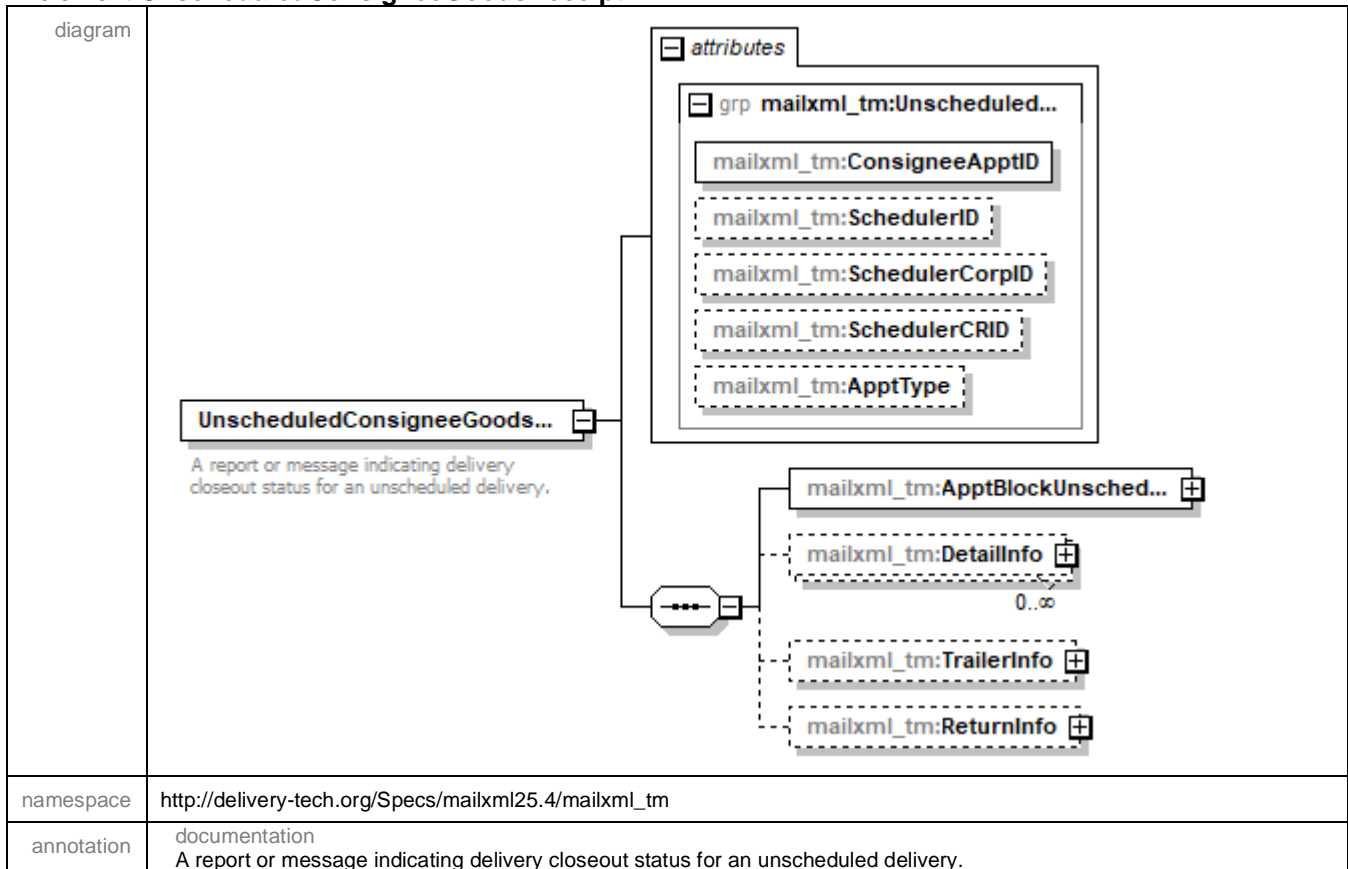
Response to the Query request for stale delivery content.



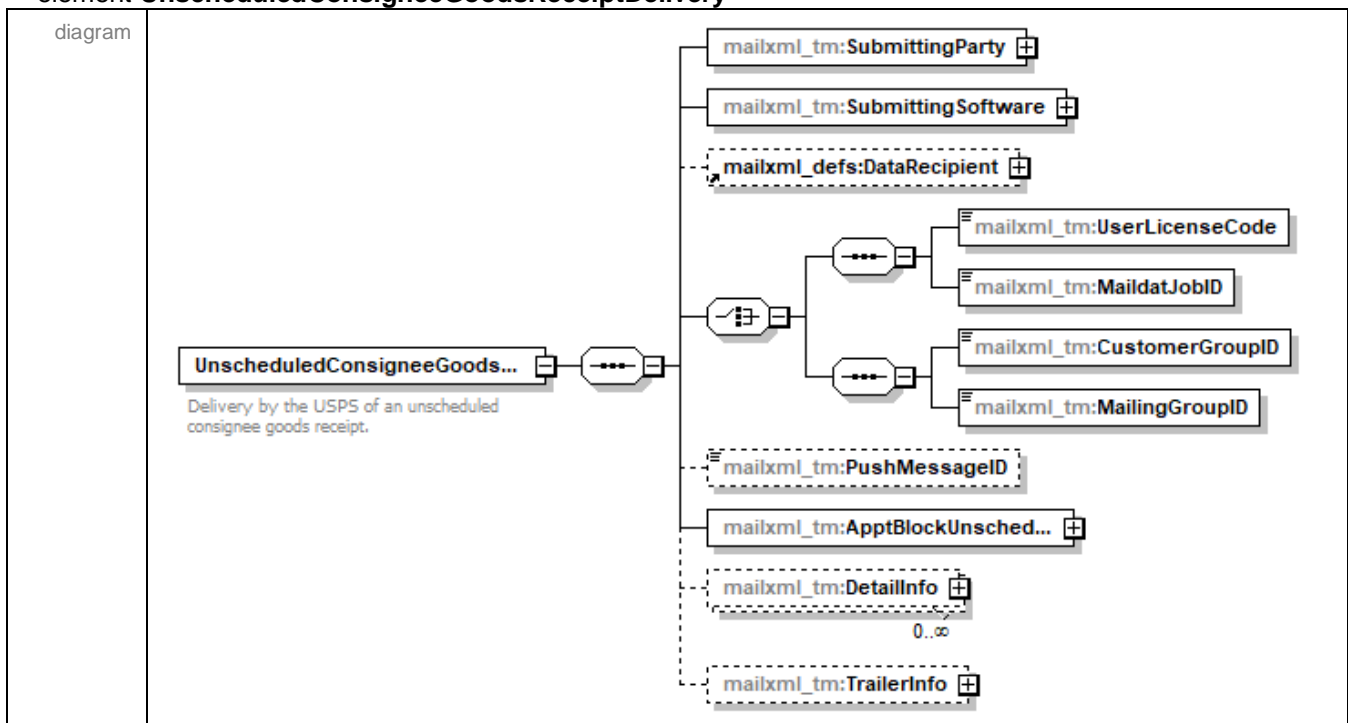
namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

annotation
documentation
Response to the Query request for stale delivery content.

element **UnscheduledConsigneeGoodsReceipt**



element **UnscheduledConsigneeGoodsReceiptDelivery**



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Delivery by the USPS of an unscheduled consignee goods receipt.

element **UnscheduledConsigneeGoodsReceiptNotification**

diagram	<p>The diagram illustrates the structure of the UnscheduledConsigneeGoodsReceiptNotification element. It is a complex type containing several child elements and attributes. The root element is UnscheduledConsigneeGoodsReceiptNotification, which has a description: "Notification by USPS that an unscheduled consignee goods receipt is ready for pickup." The element contains the following children and attributes:</p> <ul style="list-style-type: none">mailxml_tm:SubmittingParty (required, complex type)mailxml_tm:SubmittingSoftware (required, complex type)mailxml_tm:CRID (optional, simple type, dashed border)mailxml_tm:PushMessageID (optional, simple type, dashed border)mailxml_tm:NotificationDate (required, simple type)mailxml_tm:UserLicenseCode (optional, simple type)mailxml_tm:MaildatJobID (optional, simple type)mailxml_tm:CustomerGroupID (optional, simple type)mailxml_tm:MailingGroupID (optional, simple type) <p>The diagram uses standard XSD notation: solid boxes for required elements, dashed boxes for optional elements, and a circle with a plus sign for complex types. The mailxml_tm: prefix is used for all elements in this namespace.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Notification by USPS that an unscheduled consignee goods receipt is ready for pickup.

element **USPSDeliveryContentUpdatedDelivery**

diagram	<p>The diagram shows the structure of the USPSDeliveryContentUpdatedDelivery element. It is a container element with a box icon. Inside, there is a group of attributes labeled attributes. Within this group, there is a sub-group labeled grp mailxml_defs:LargeTrans... which contains six attributes: mailxml_defs:MessageGroupID, mailxml_defs:TotalMessageCou..., mailxml_defs:Message SerialNu..., mailxml_defs:TransmittedRecor..., mailxml_defs:TotalRecordsAcro..., and mailxml_defs:LastMessage. Below the attributes group, there is a choice element (oval with a dashed line) containing three elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_defs:DataRecipient. Below the choice element, there is a sequence of two elements: mailxml_tm:PushMessageID followed by mailxml_tm:DeliveryContentUp.... The sequence is indicated by a line with a plus sign at the end, and the cardinality 1..∞ is shown at the bottom right.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Delivery of content update information by USPS.</p>

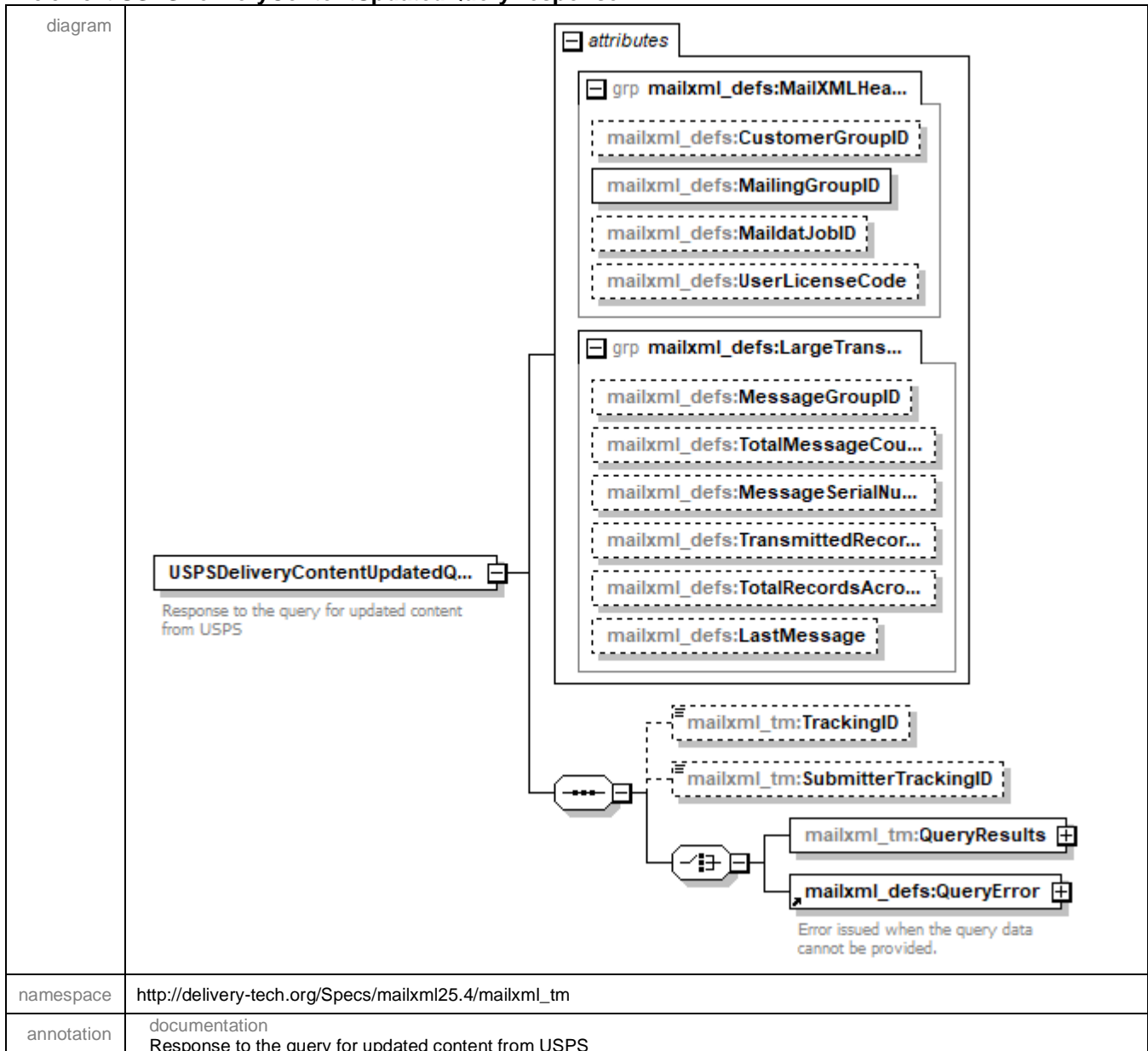
element **USPSDeliveryContentUpdatedNotification**

diagram	<p>The diagram shows the structure of the USPSDeliveryContentUpdatedNotification element. It is a container element with a box icon. Inside, there is a choice element (oval with a dashed line) containing three elements: mailxml_tm:SubmittingParty, mailxml_tm:SubmittingSoftware, and mailxml_defs:DataRecipient. Below the choice element, there is a sequence of two elements: mailxml_tm:PushMessageID followed by mailxml_tm:NotificationDate. Below the sequence, there is a final element mailxml_tm:NotificationSummary. The sequence is indicated by a line with a plus sign at the end, and the cardinality 1..∞ is shown at the bottom right.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Notification from USPS to Mailer/Preparer/Condolidator that mailing content has been changed.</p>

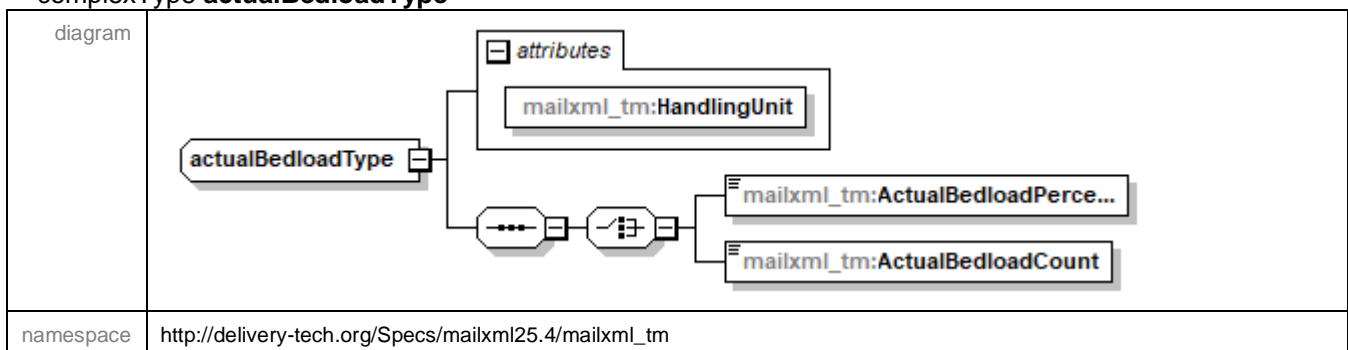
element **USPSDeliveryContentUpdatedQueryRequest**

<p>diagram</p>	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Query request for updated content from USPS</p>

element USPSDeliveryContentUpdatedQueryResponse



complexType actualBedloadType



complexType actualPalletType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType allDeliveryApptCloseoutAcceptType

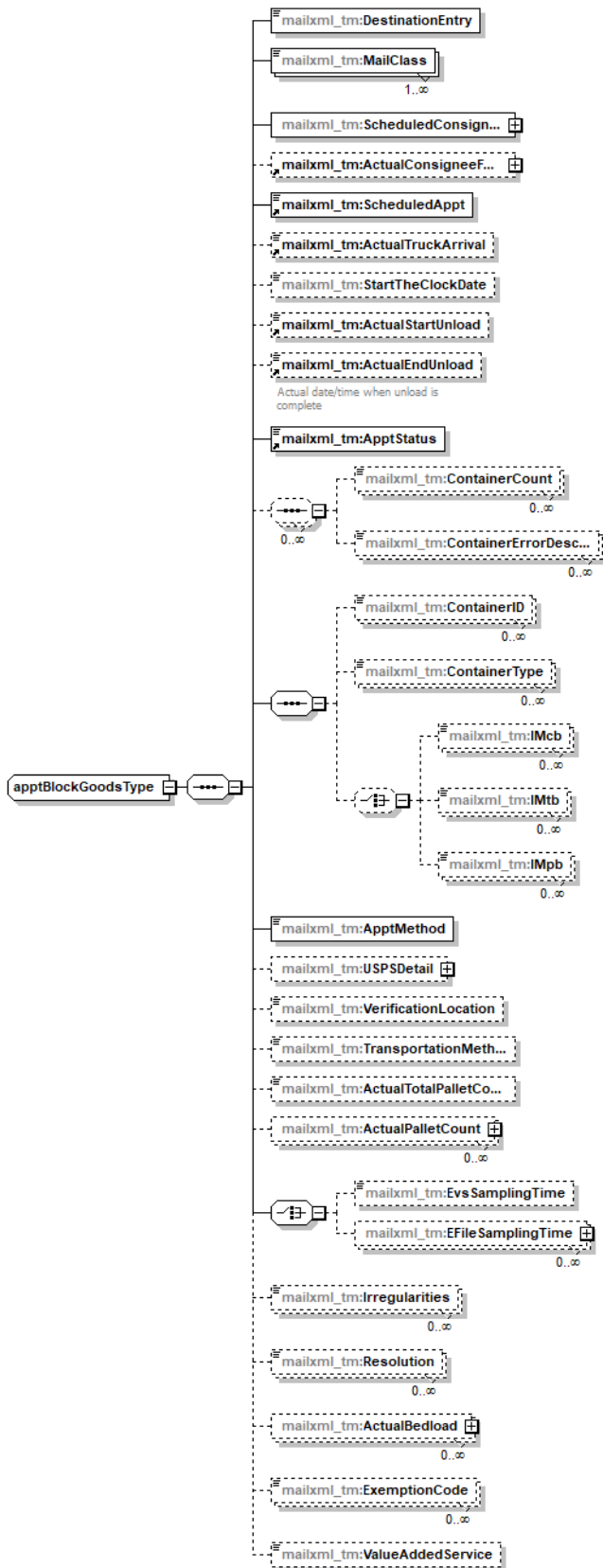
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	<p>documentation</p> <p>Response indicating that all delivery appointments have been closed.</p>

complexType **AppointmentInfoType**

diagram	<pre> xsd:complexType base="AppointmentInfoType" AppointmentInfoType AppointmentInfoType mailxml_tm:ConsigneeApptID mailxml_tm:AppointmentDate mailxml_tm:ApptType mailxml_tm:ConsigneeFacility mailxml_tm:SchedulerID mailxml_tm:SchedulerCRID </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **apptBlockGoodsType**

diagram

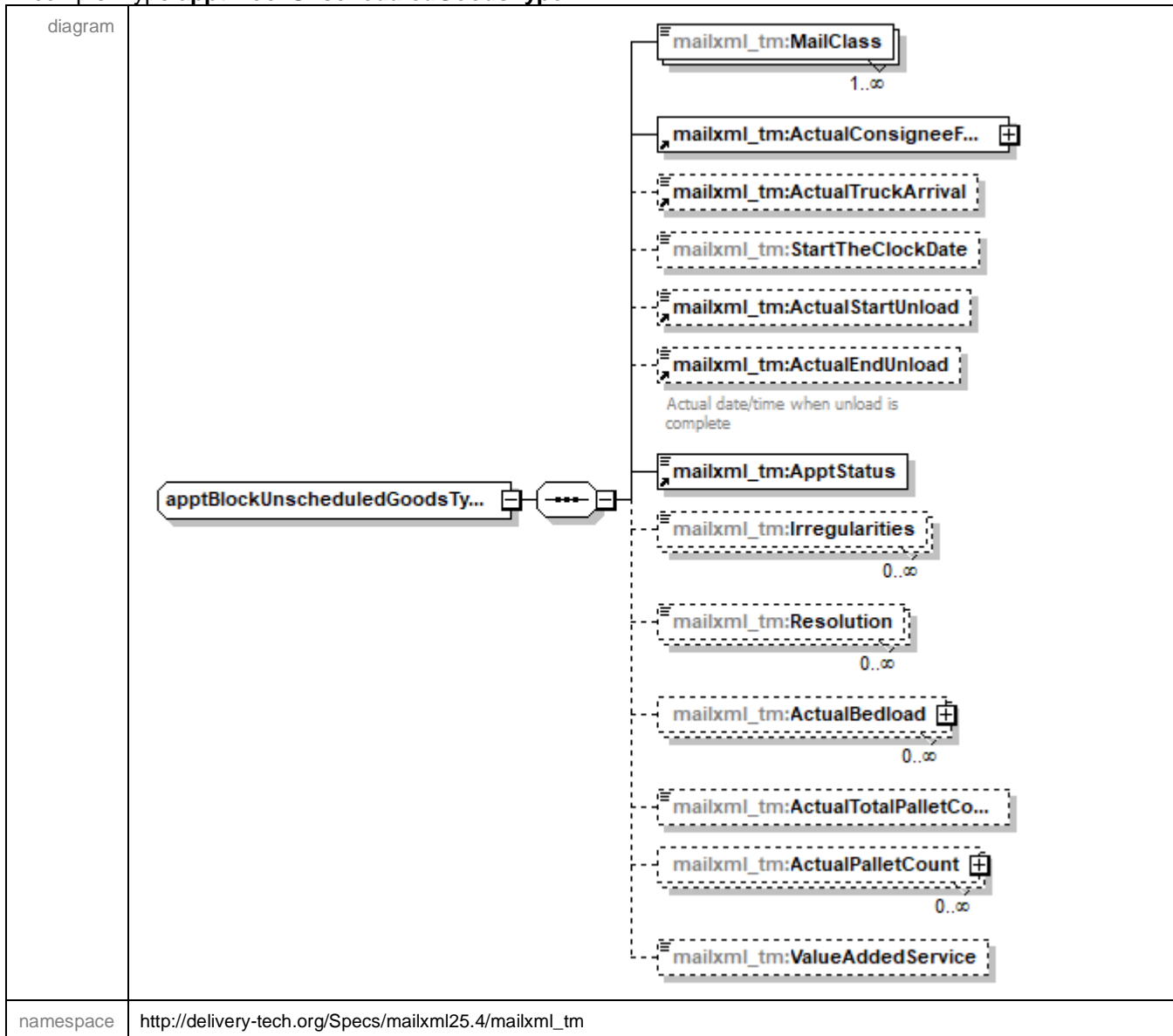


namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
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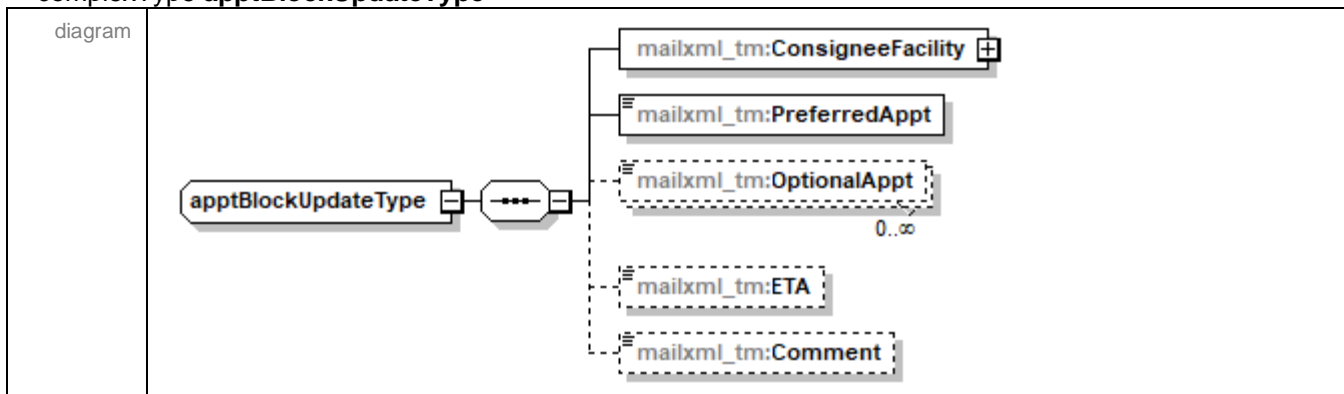
complexType **apptBlockRequestType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **apptBlockUnscheduledGoodsType**

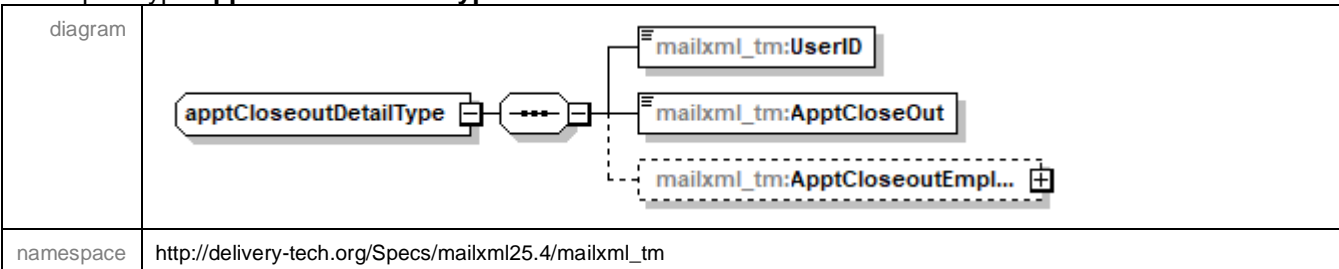


complexType **apptBlockUpdateType**

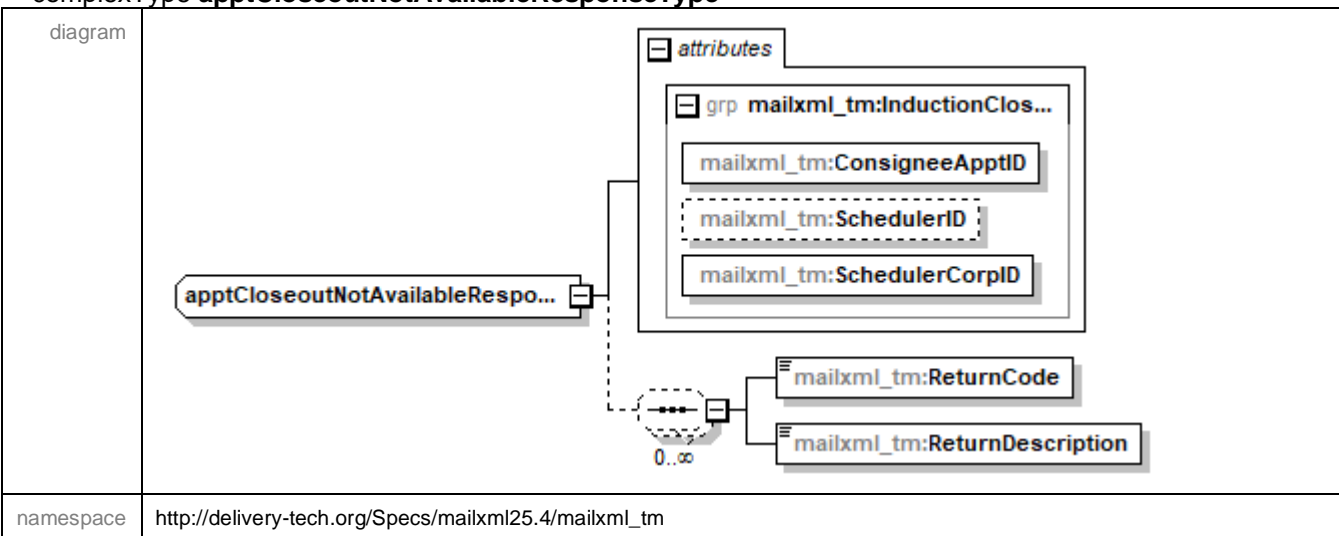


namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
-----------	---

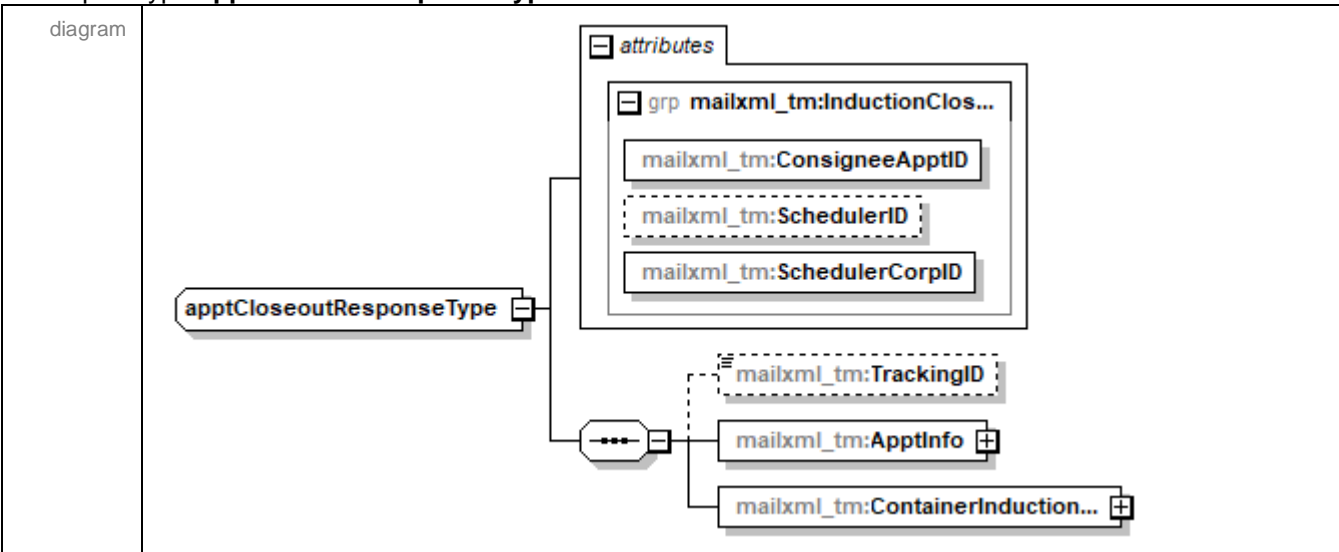
complexType **apptCloseoutDetailType**



complexType **apptCloseoutNotAvailableResponseType**



complexType **apptCloseoutResponseType**



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
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complexType **apptInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **availableApptType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **availableHourType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType availableSlotType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType bedloadHandlingUnitType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType bedloadUnitType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType carrierType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

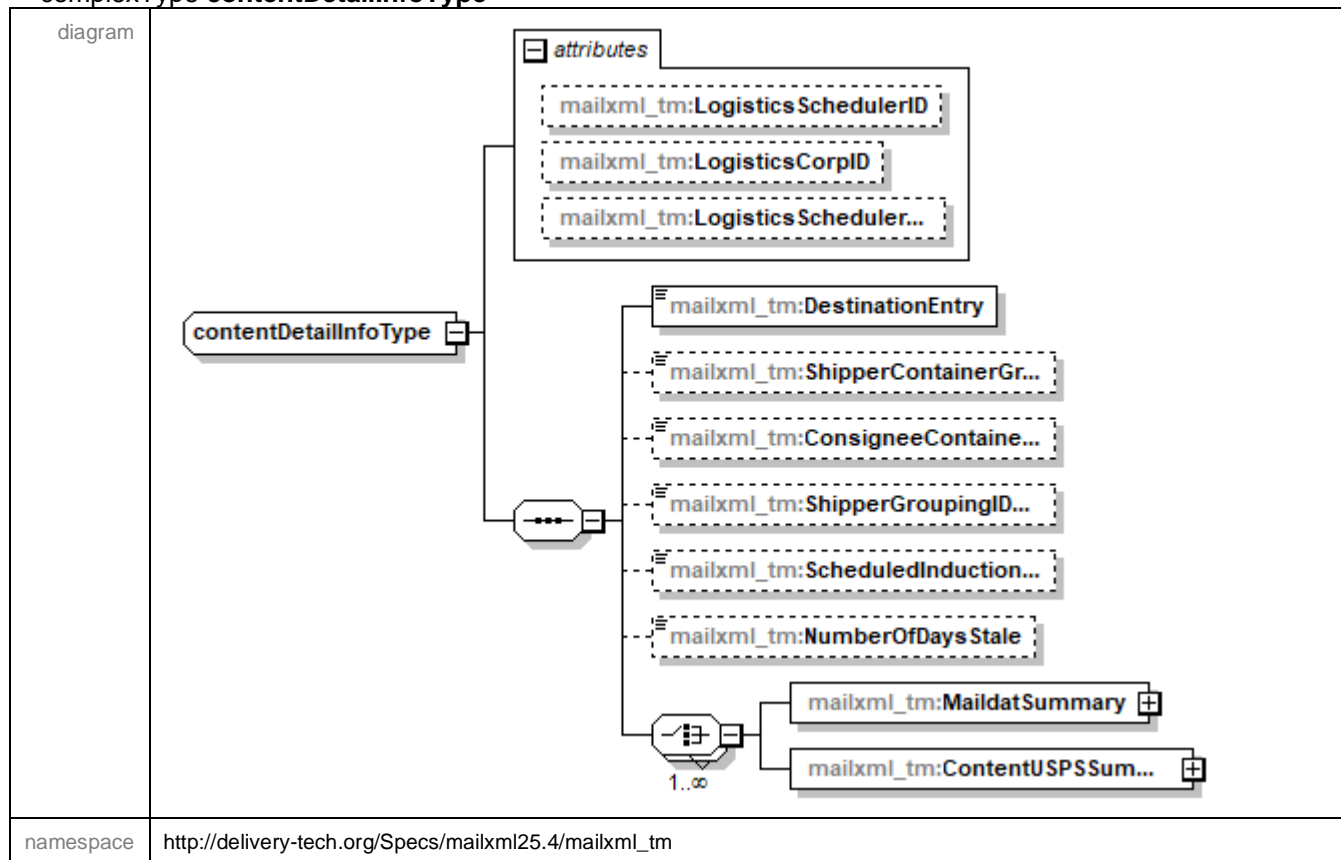
complexType containerInductionInfoType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

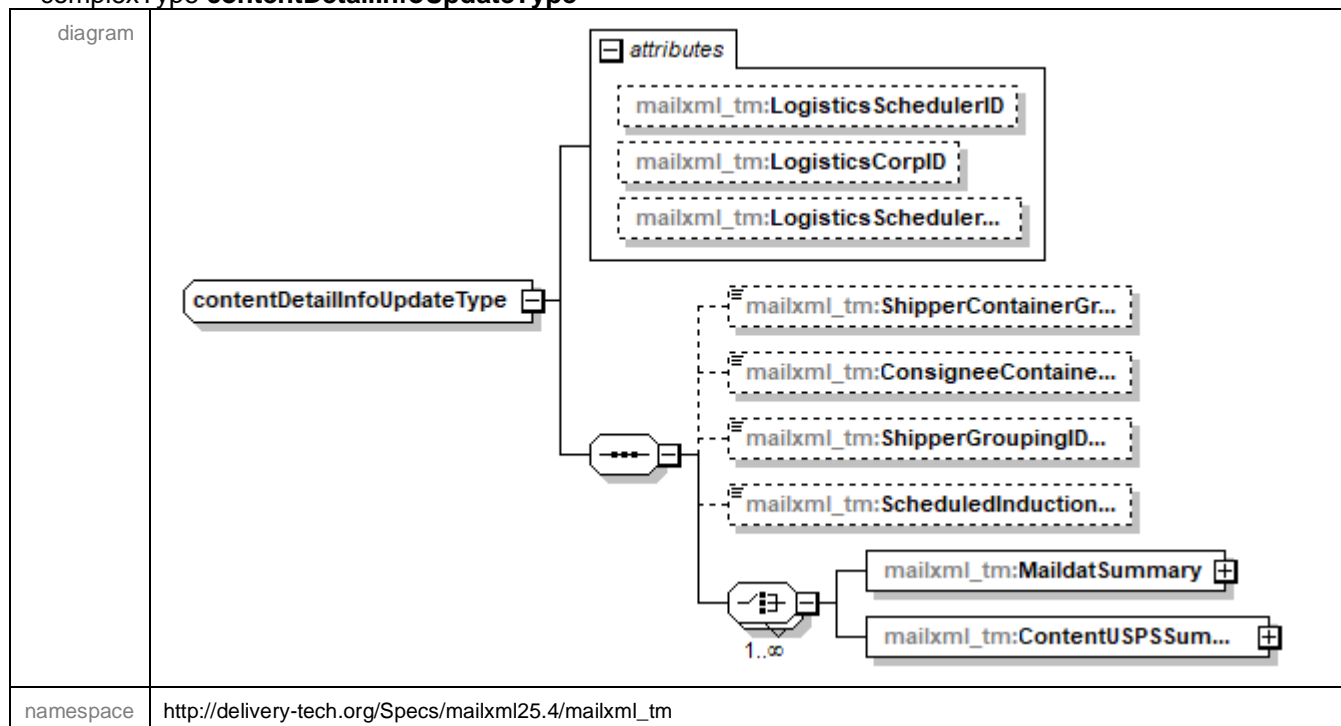
complexType contentCancelType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType contentDetailInfoType

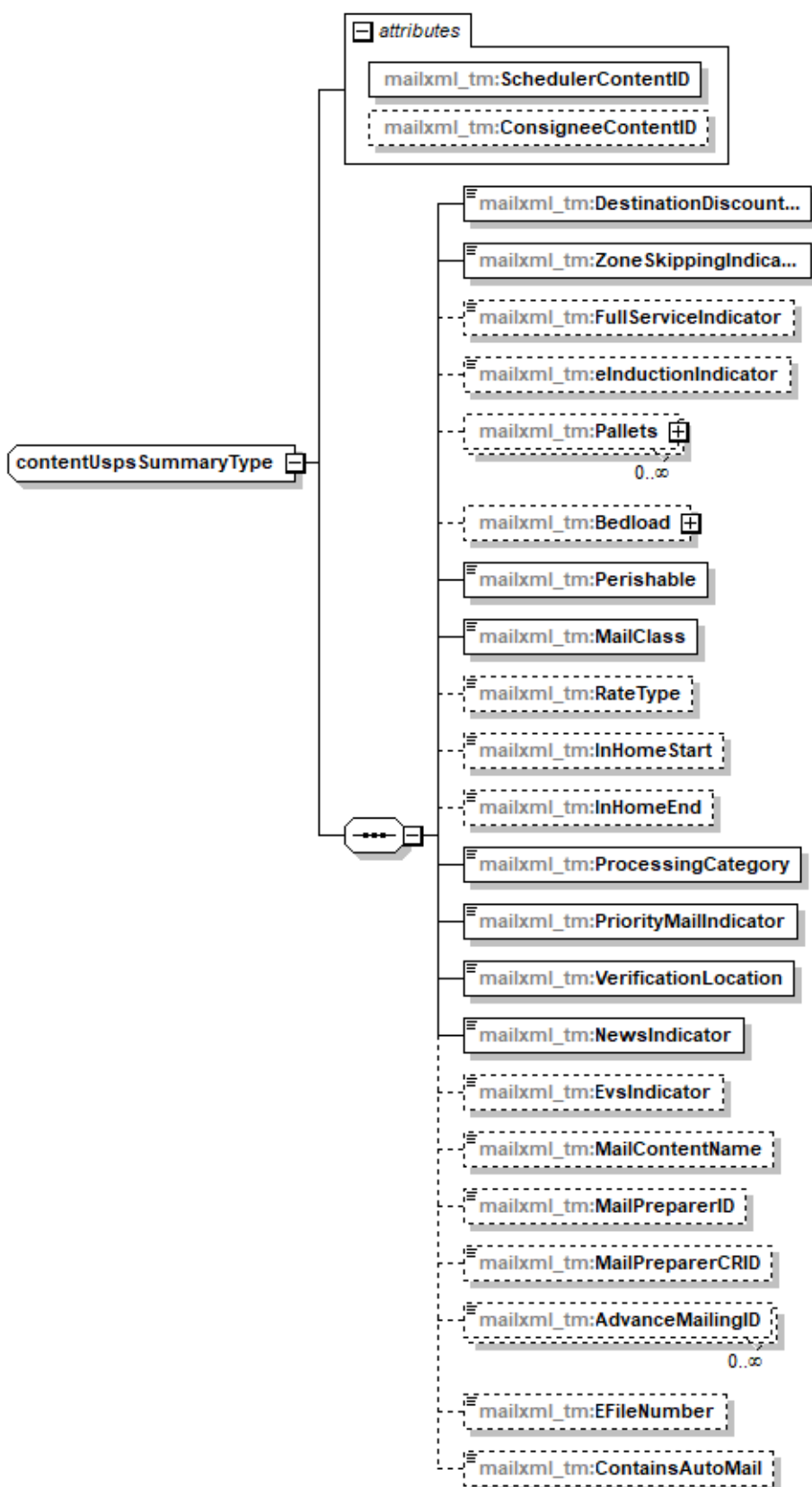


complexType contentDetailInfoUpdateType



complexType **contentUspsSummaryType**

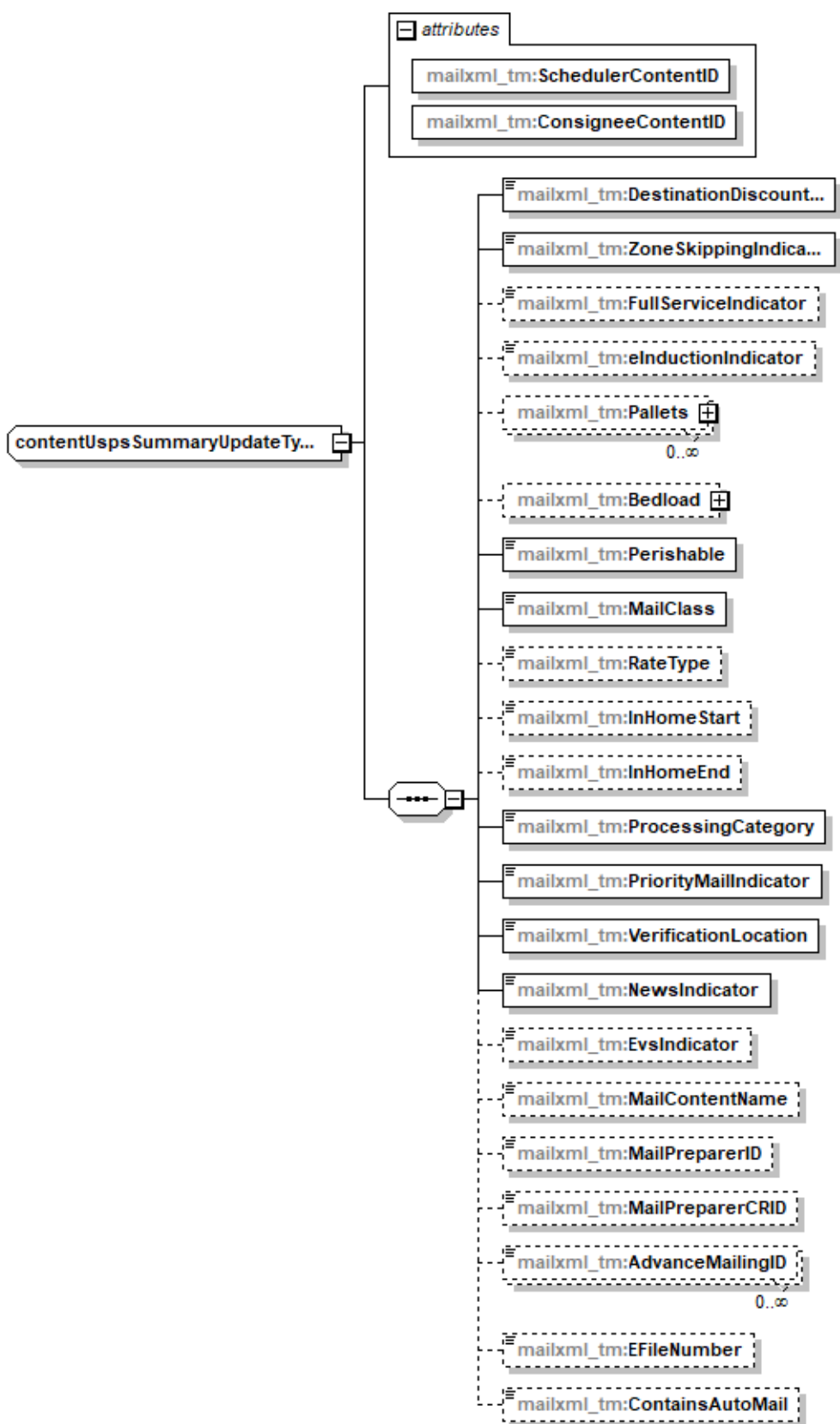
diagram



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
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complexType contentUspsSummaryUpdateType

diagram



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
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complexType **csaDispatchType**

diagram



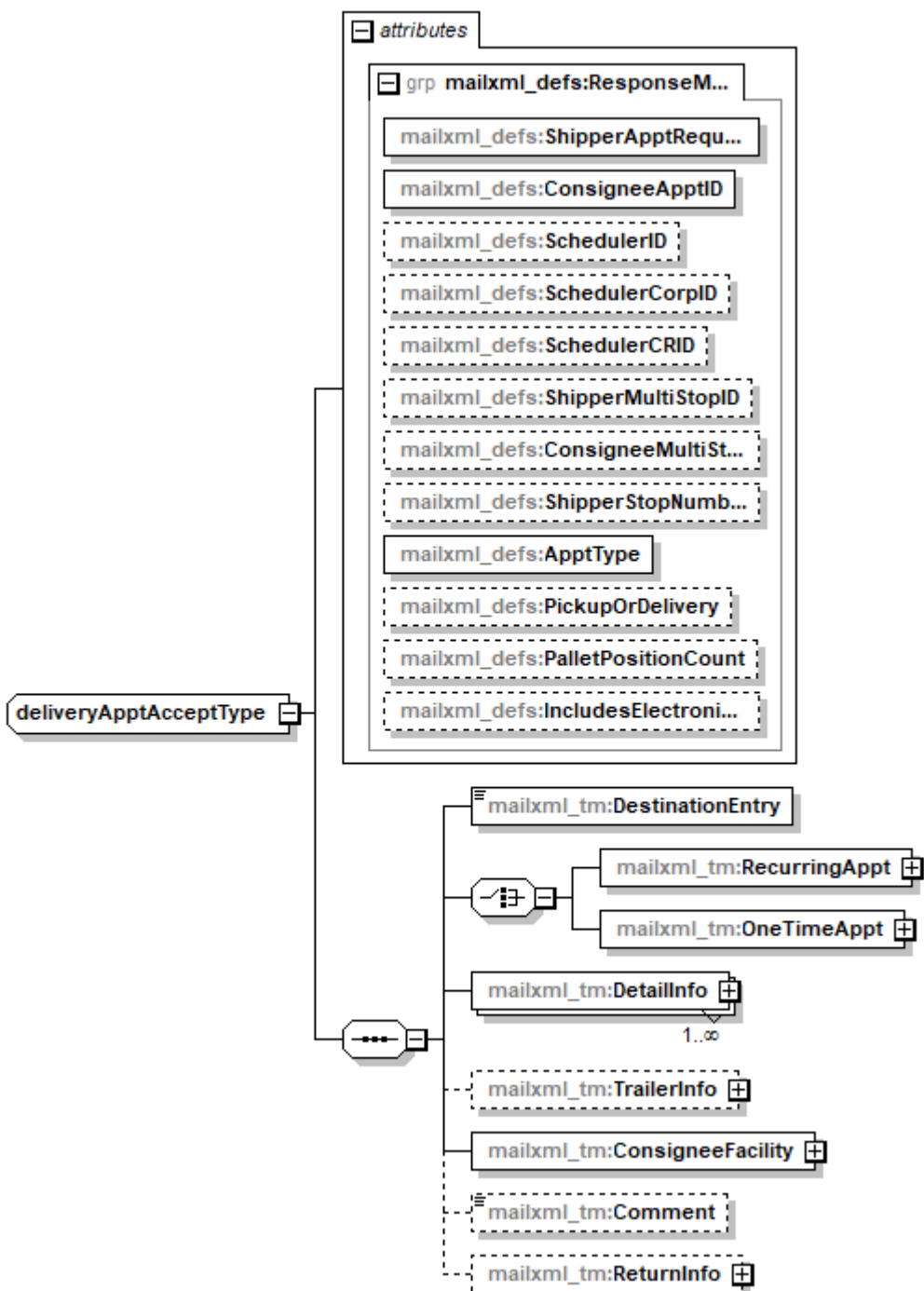
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
-----------	---

complexType **csaInfoType**

diagram	<p>The diagram illustrates the structure of the csaInfoType complex type. It consists of a root element csaInfoType with the following components:</p> <ul style="list-style-type: none">Attributes: A group of attributes including mailxml_tm:CSAEffectiveDate and mailxml_tm:CSAStatus.Choice Group: A choice between two elements:<ul style="list-style-type: none">mailxml_tm:C SADispatch: A required element (indicated by a solid line and a plus sign) that can occur one or more times (indicated by 1..∞).mailxml_tm:ReturnInfo: An optional element (indicated by a dashed line and a plus sign).
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryApptAcceptType**

diagram



namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryApptContentRemoveAcceptType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryApptContentRemoveRejectType**

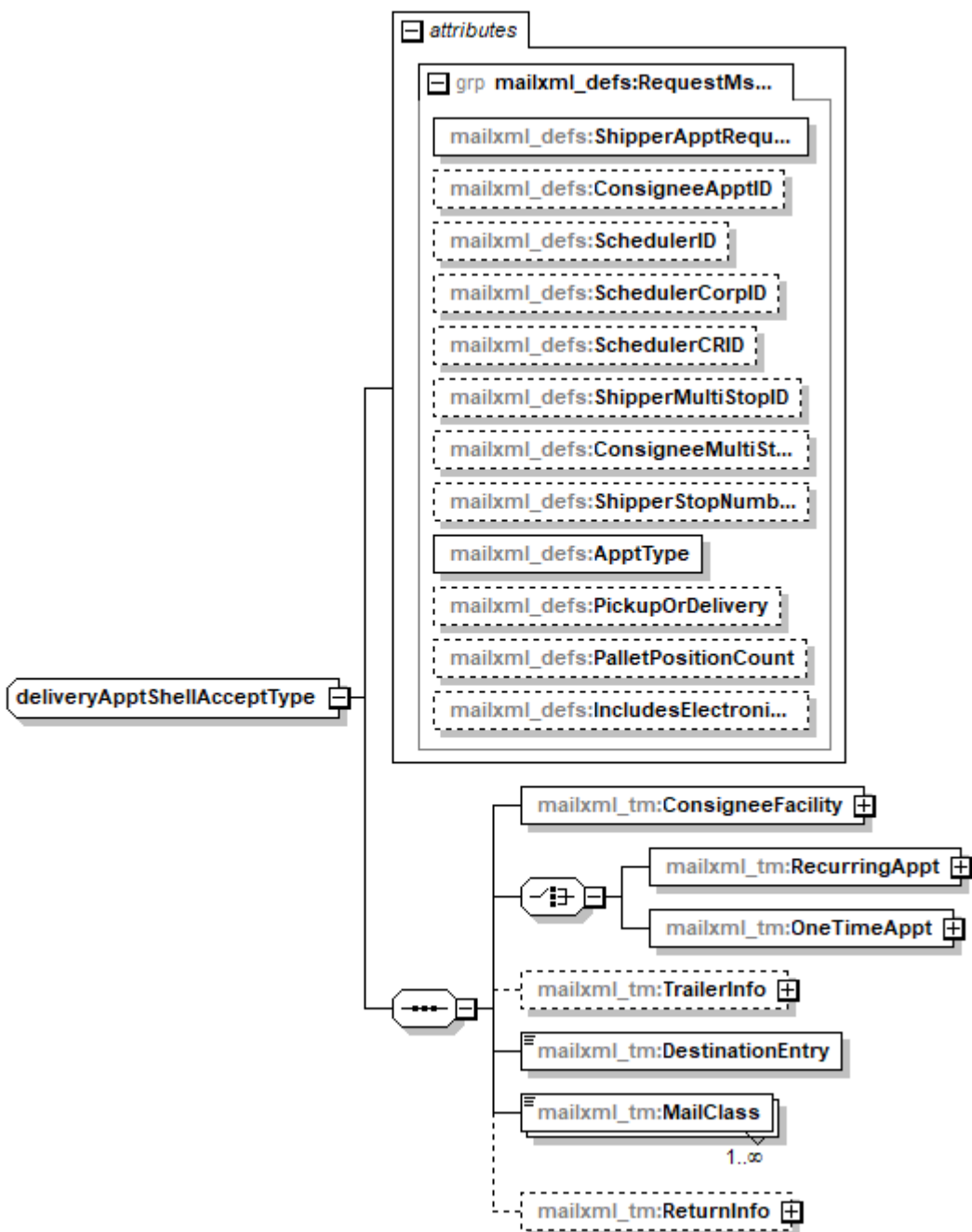
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryApptRejectType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryApptShellAcceptType**

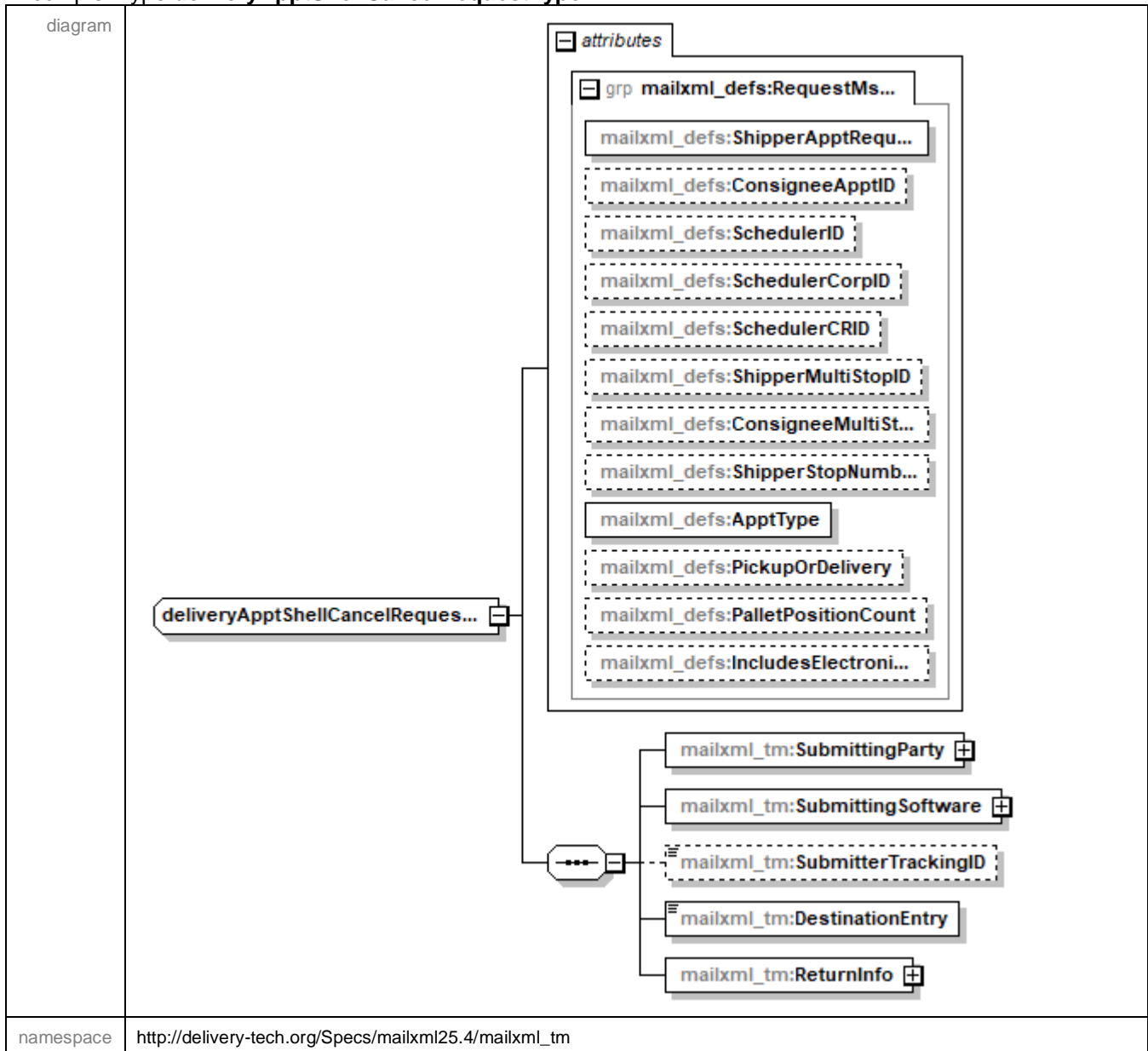
diagram



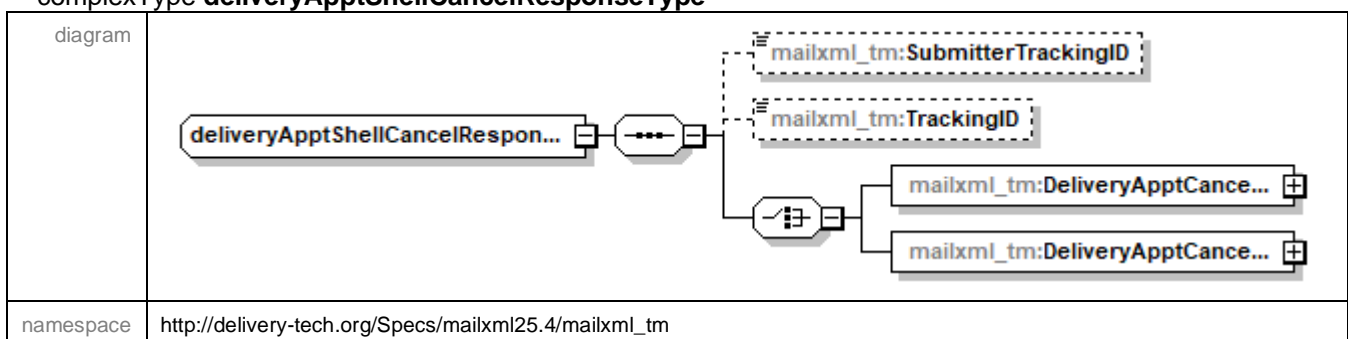
namespace

http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

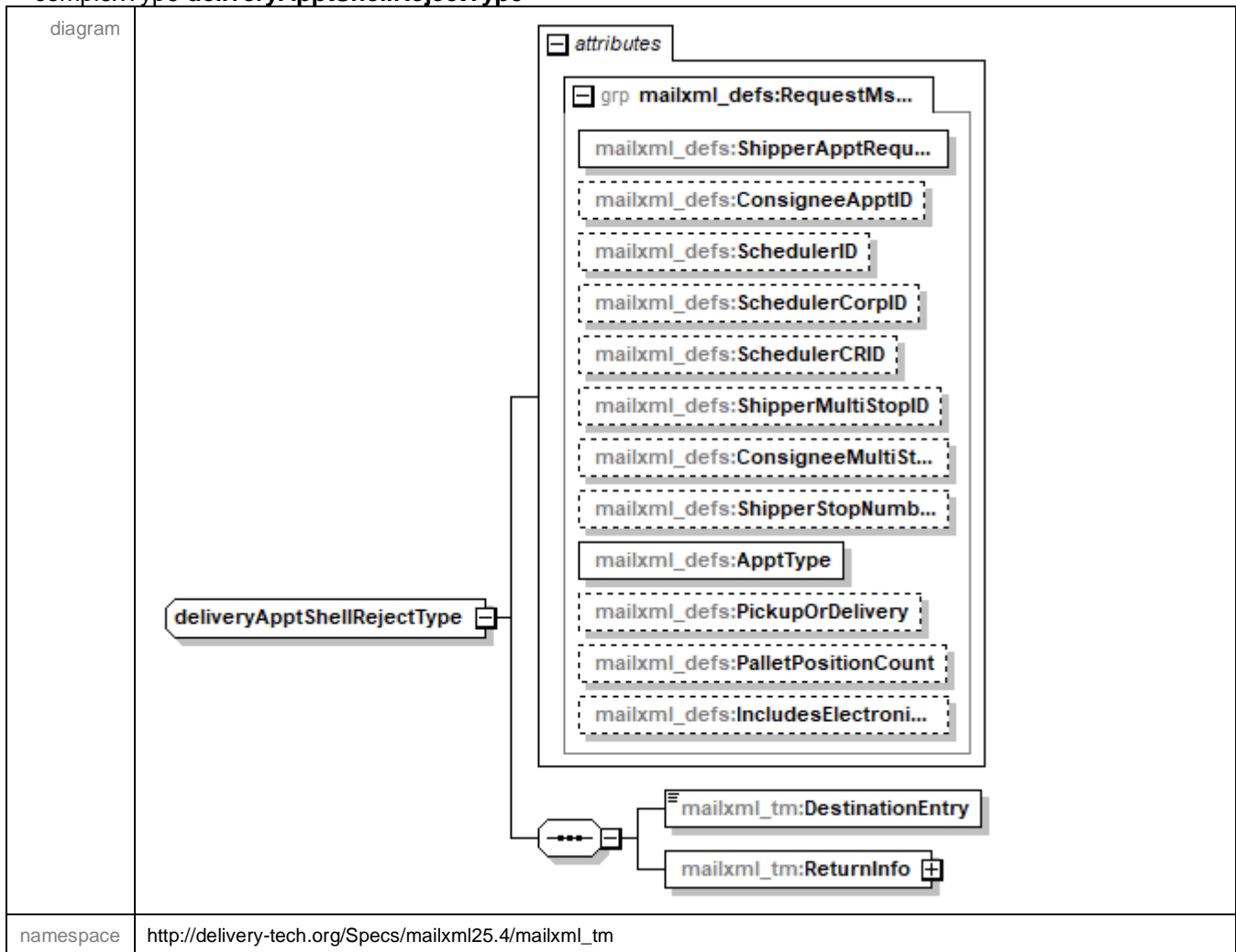
complexType deliveryApptShellCancelRequestType



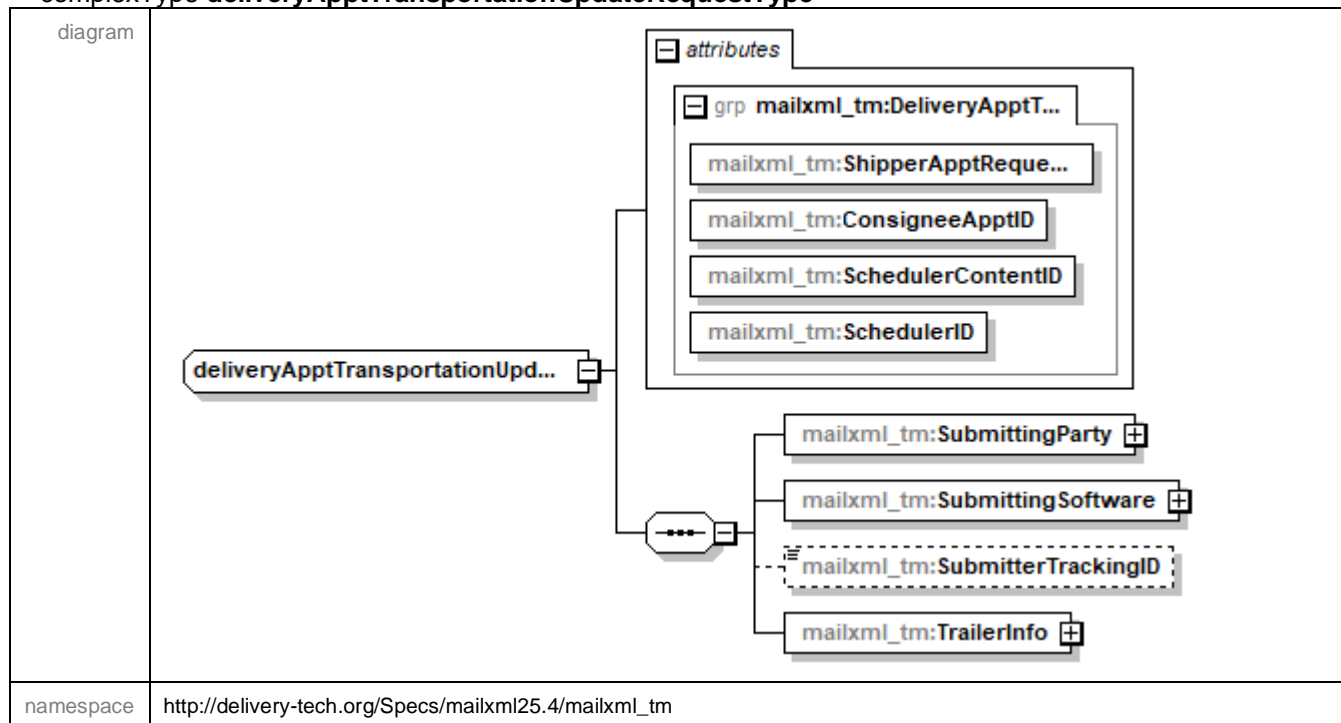
complexType deliveryApptShellCancelResponseType



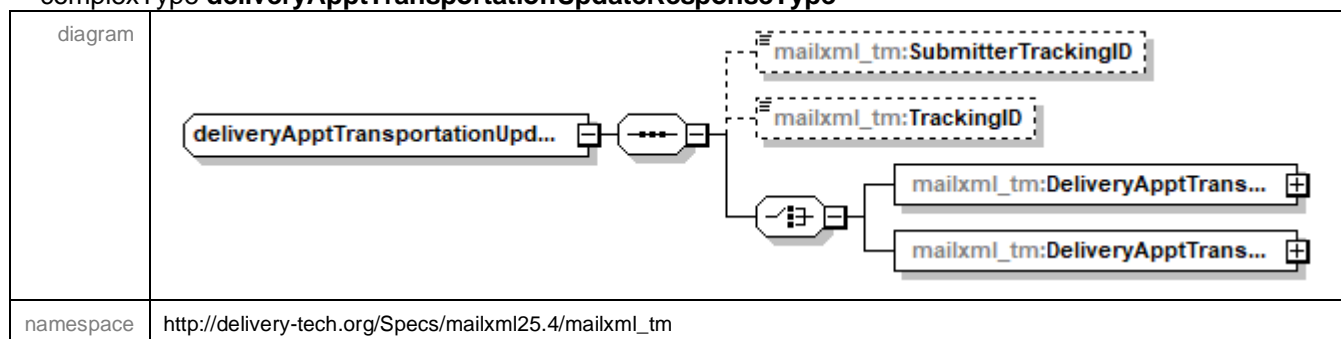
complexType **deliveryApptShellRejectType**



complexType **deliveryApptTransportationUpdateRequestType**

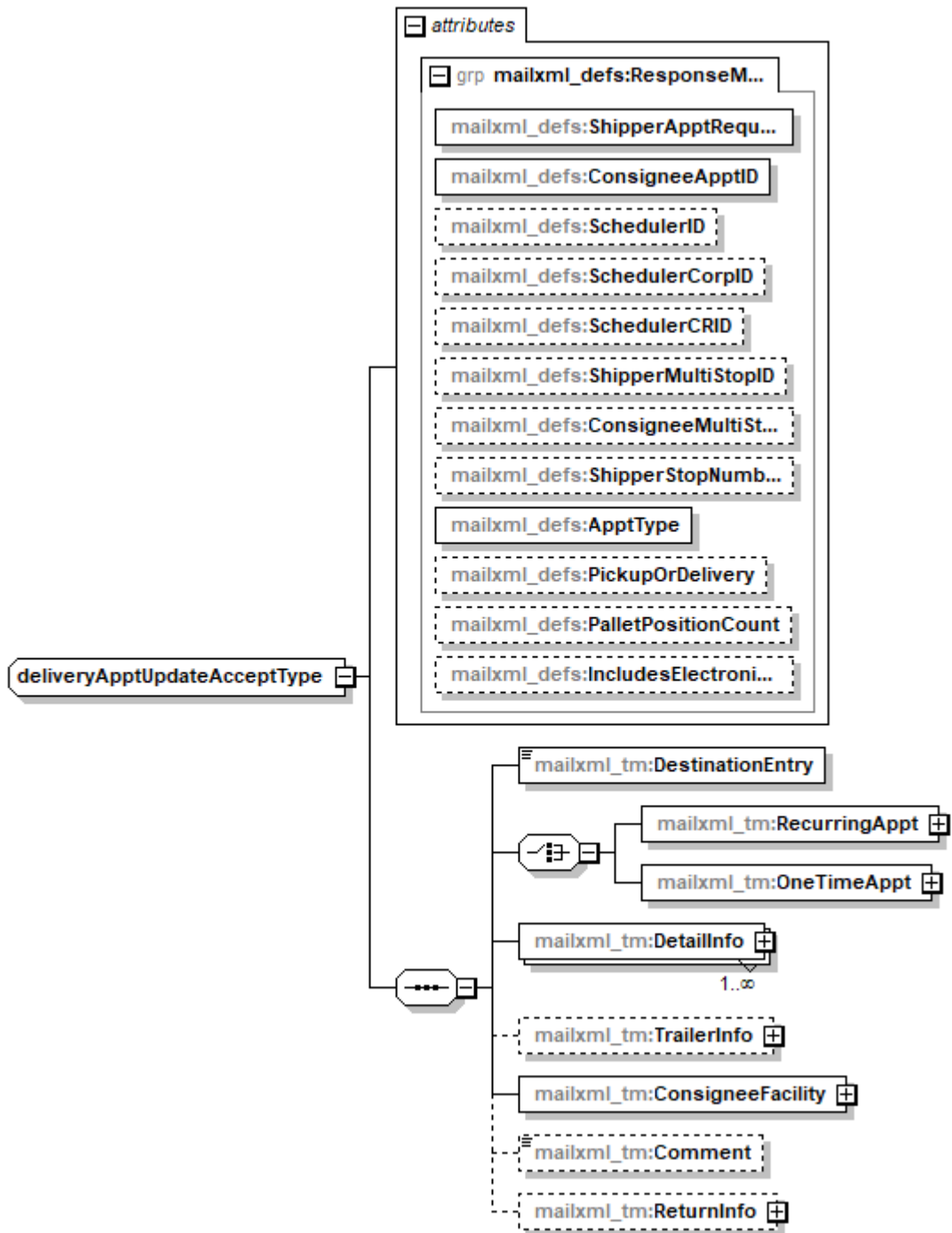


complexType **deliveryApptTransportationUpdateResponseType**



complexType **deliveryApptUpdateAcceptType**

diagram



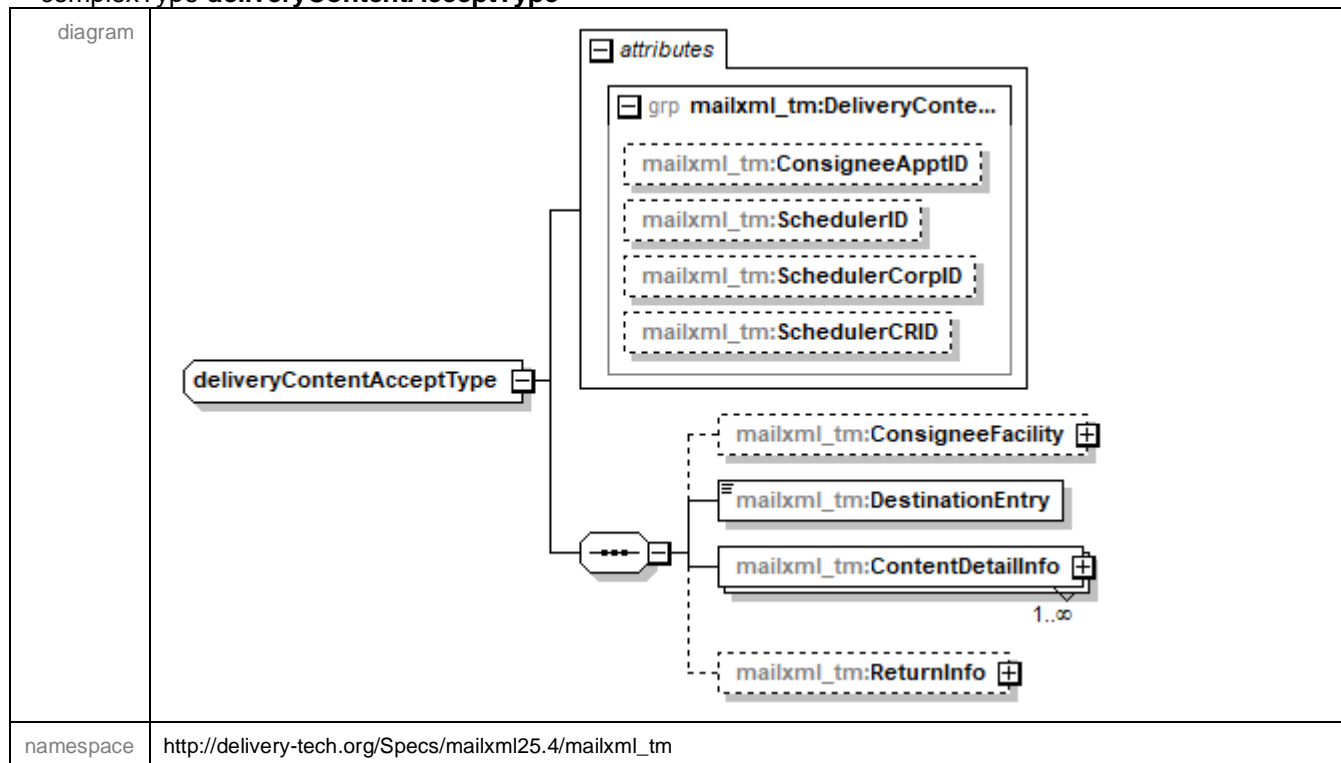
namespace

http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

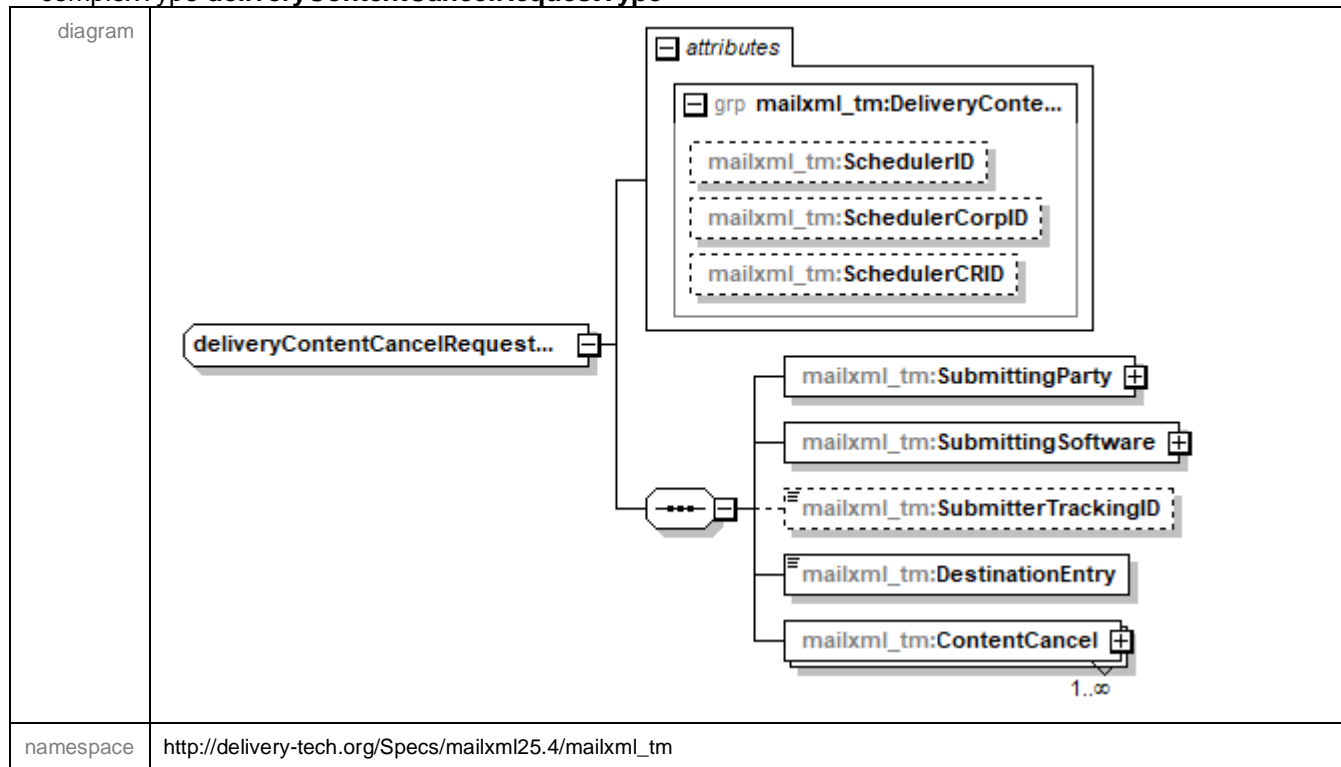
complexType **deliveryApptUpdateRejectType**



complexType **deliveryContentAcceptType**



complexType **deliveryContentCancelRequestType**



complexType **deliveryContentCancelResponseType**

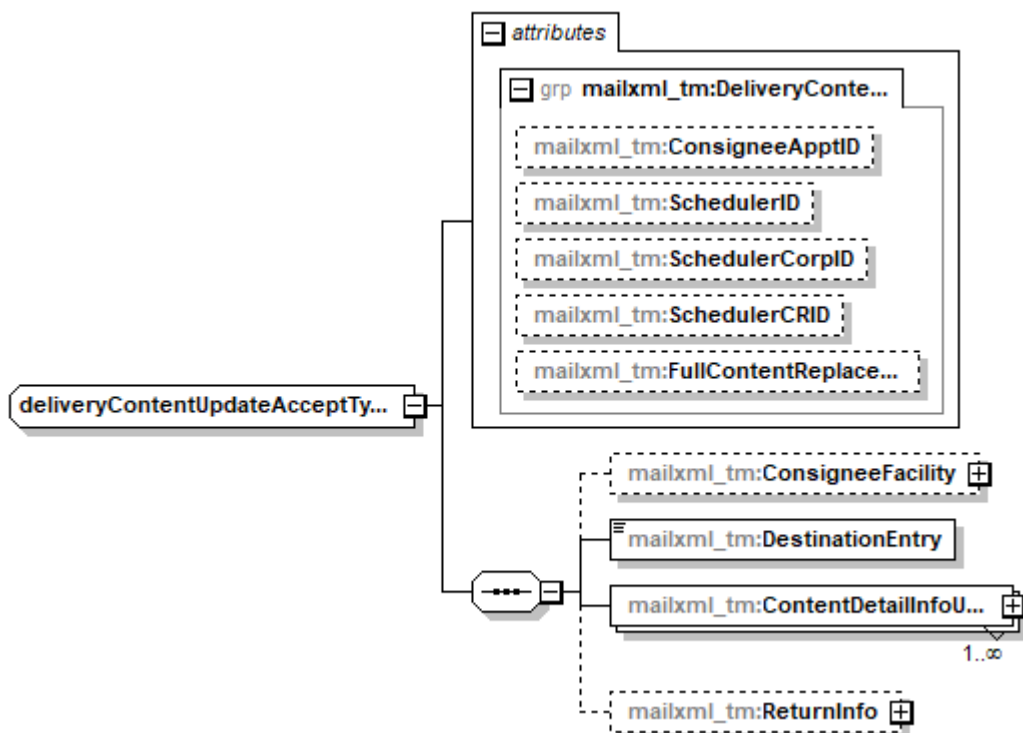
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryContentRejectType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryContentUpdateAcceptType**

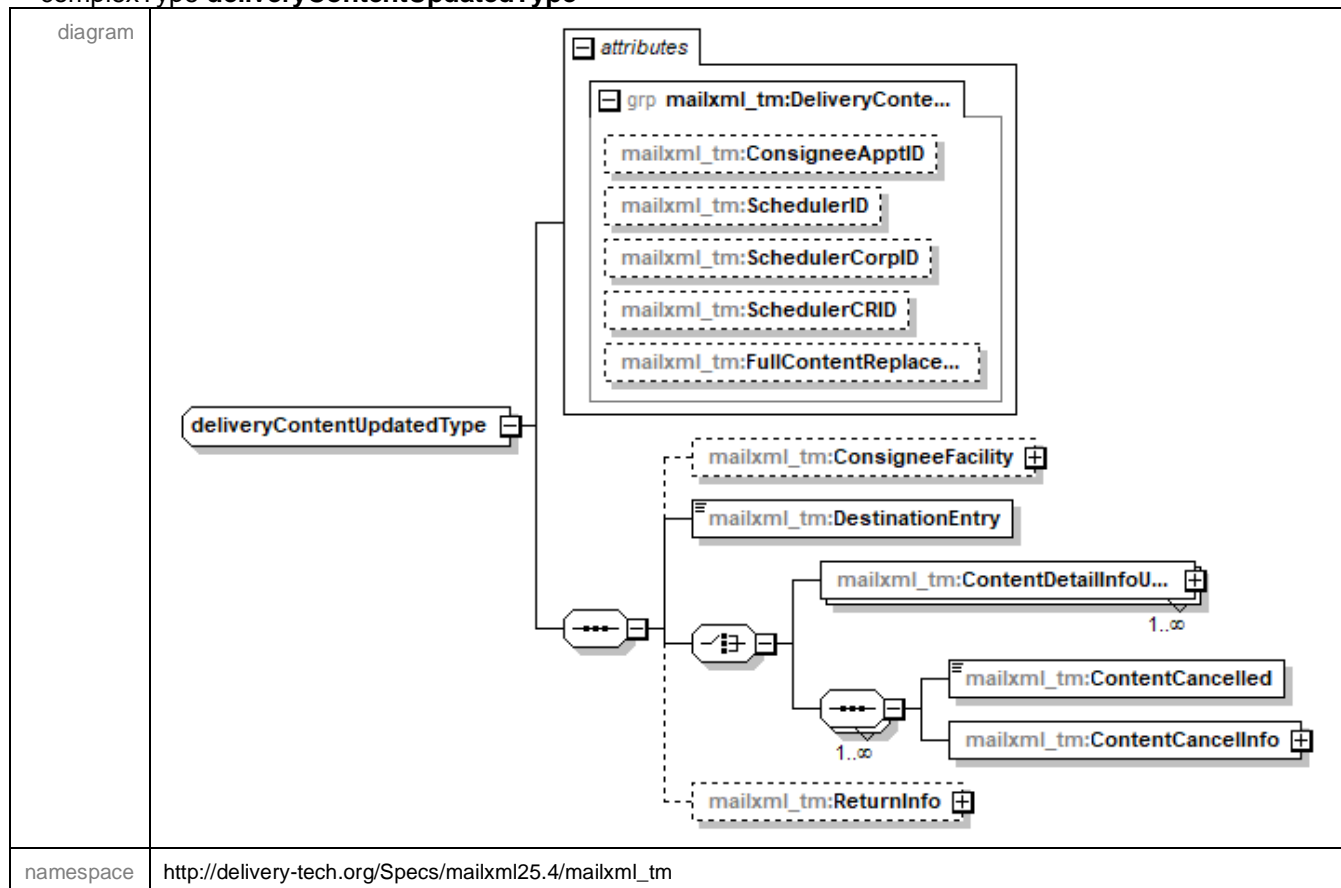
diagram



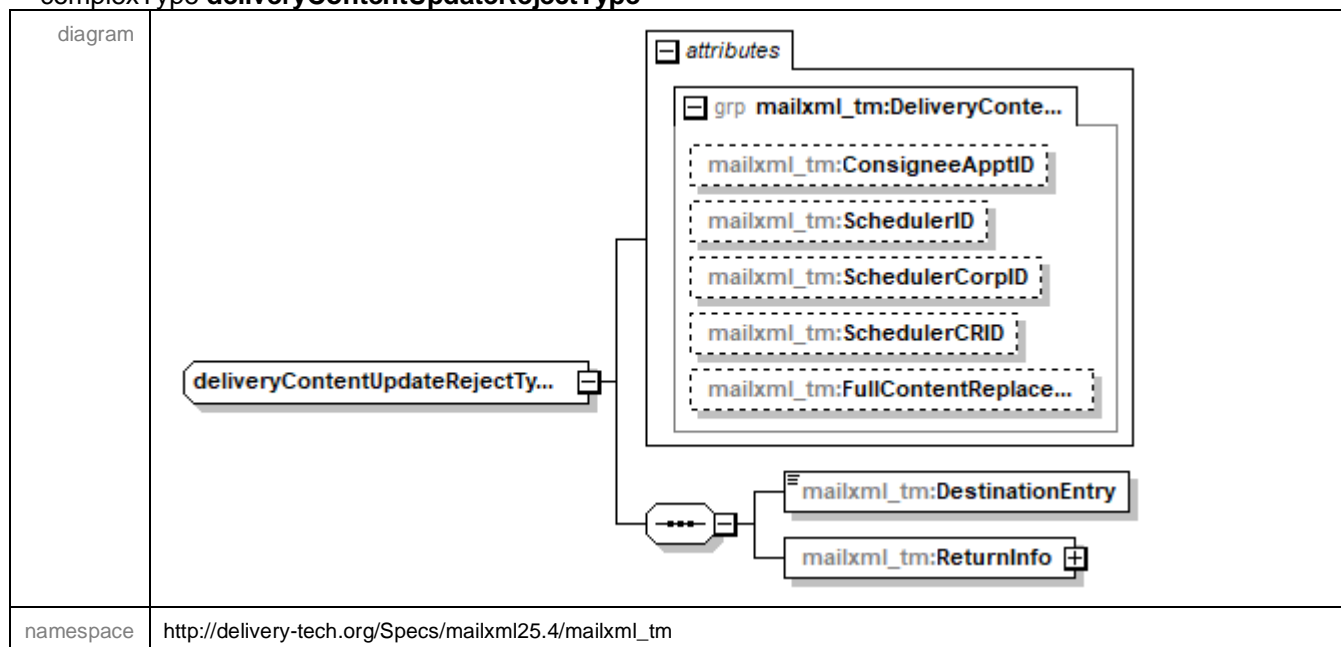
namespace

http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **deliveryContentUpdatedType**



complexType **deliveryContentUpdateRejectType**



complexType **deliverySummaryType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **detailInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **eFileSamplingTimeType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType maildatSummaryType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType oneTimeApptType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType optionalApptType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **optReturnInfoType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **palletPresortType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **palletUnitType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

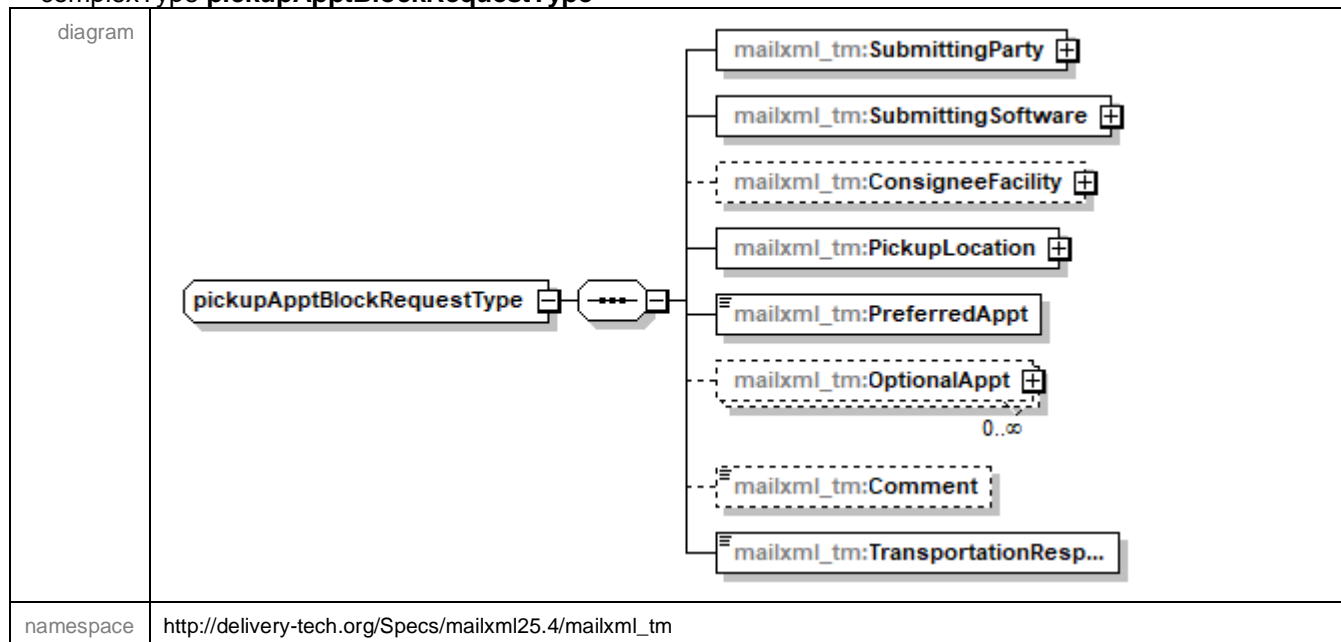
complexType **PartnerApptBlockType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

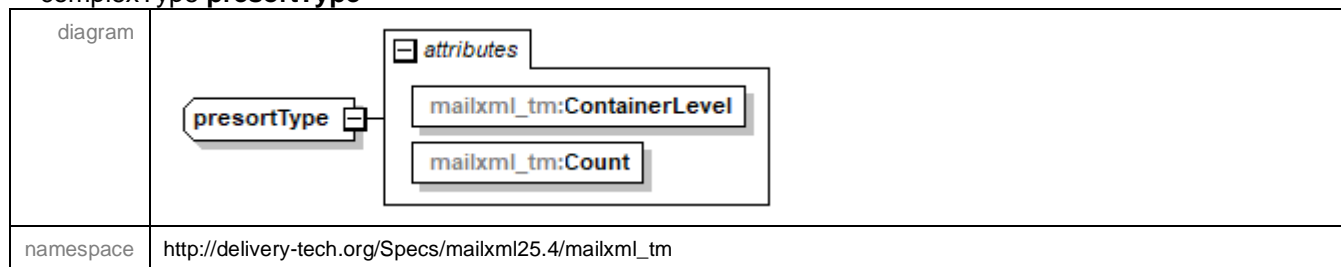
complexType **partnerContentAssignmentType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
annotation	documentation Type to define the combination of ConsigneeContentIDs and assigned users

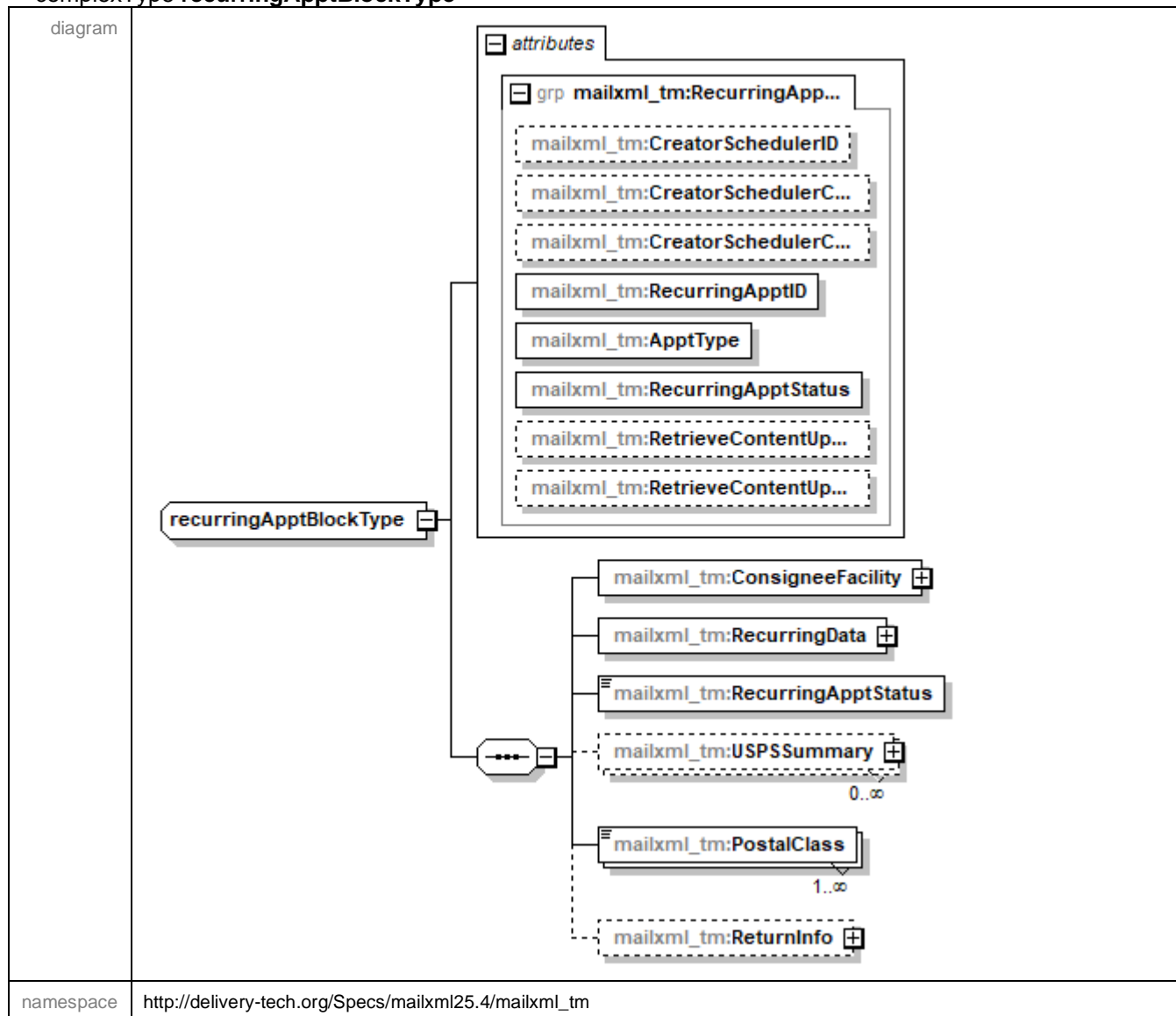
complexType **pickupApptBlockRequestType**



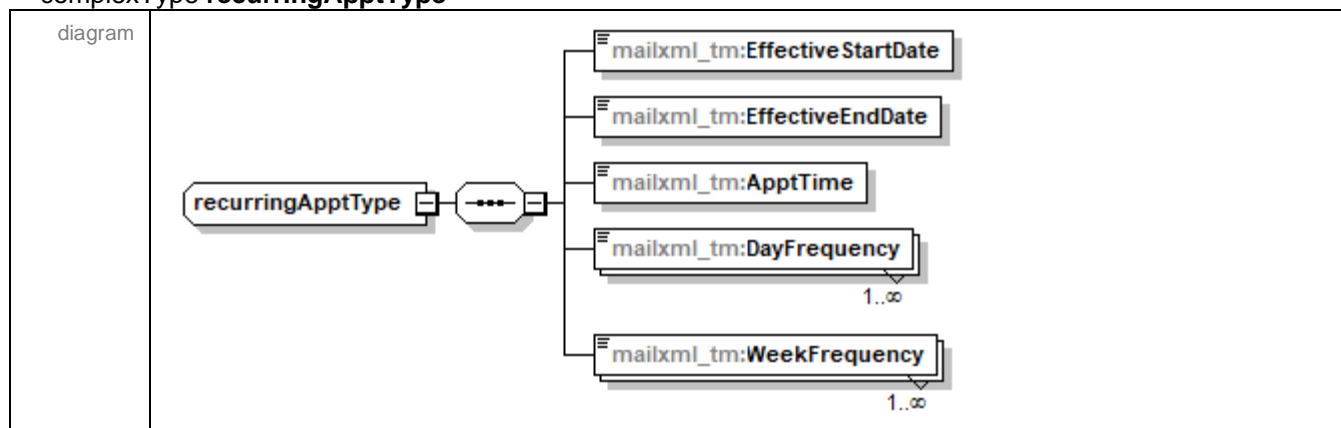
complexType **presortType**



complexType recurringApptBlockType



complexType recurringApptType



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
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complexType slotAvailabilityType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType staleContentNotificationElementType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType trailerInfoType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType trailerType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType transportationContainerBlockType

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **transportationContainerStatusBlockType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **transportationDetailBlockType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType transportationGeoDataBlockType

diagram	<pre> xsd:element base="base" name="transportationGeoDataBlockType"> <xsd:sequence> <xsd:element base="base" name="mailxml_tm:TransportationID" type="string"></xsd:element> <xsd:element base="base" name="mailxml_tm:LocationDateTime" type="dateTime"></xsd:element> <xsd:element base="base" name="mailxml_tm:Latitude" type="float"></xsd:element> <xsd:element base="base" name="mailxml_tm:Longitude" type="float"></xsd:element> <xsd:element base="base" name="mailxml_tm:City" type="string"></xsd:element> <xsd:element base="base" name="mailxml_tm:State" type="string"></xsd:element> <xsd:element base="base" name="mailxml_tm:ZIP" type="string"></xsd:element> <xsd:element base="base" name="mailxml_tm:LocationStatus" type="string"></xsd:element> <xsd:element base="base" name="mailxml_tm:Containers" type="string"></xsd:element> </xsd:sequence> </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType transportationSummaryBlockType

diagram	<pre> xsd:element base="base" name="transportationSummaryBlockType"> <xsd:sequence> <xsd:element base="base" name="mailxml_tm:TransportationID" type="string"></xsd:element> <xsd:element base="base" name="mailxml_tm:LoadTruckDispatch..." type="string"></xsd:element> <xsd:element base="base" name="mailxml_tm:TargetShipDateTime" type="dateTime"></xsd:element> <xsd:element base="base" name="mailxml_tm:Stops" type="string"></xsd:element> </xsd:sequence> </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

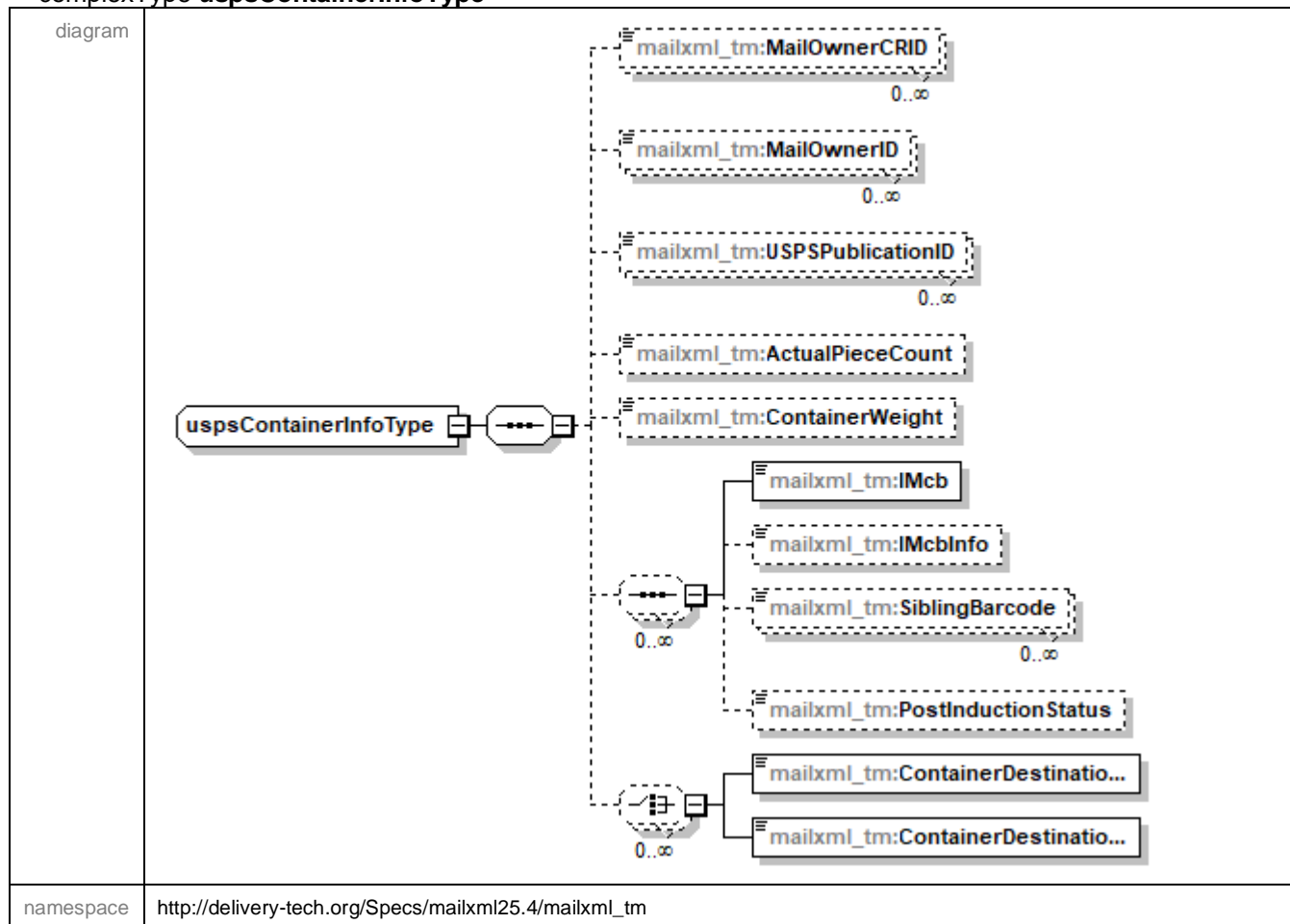
complexType **trayHandlingUnitType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

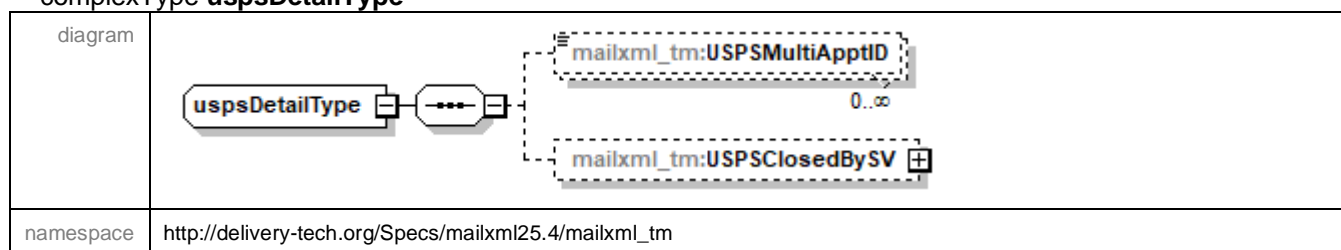
complexType **uspsClosedBySVType**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm

complexType **uspsContainerInfoType**

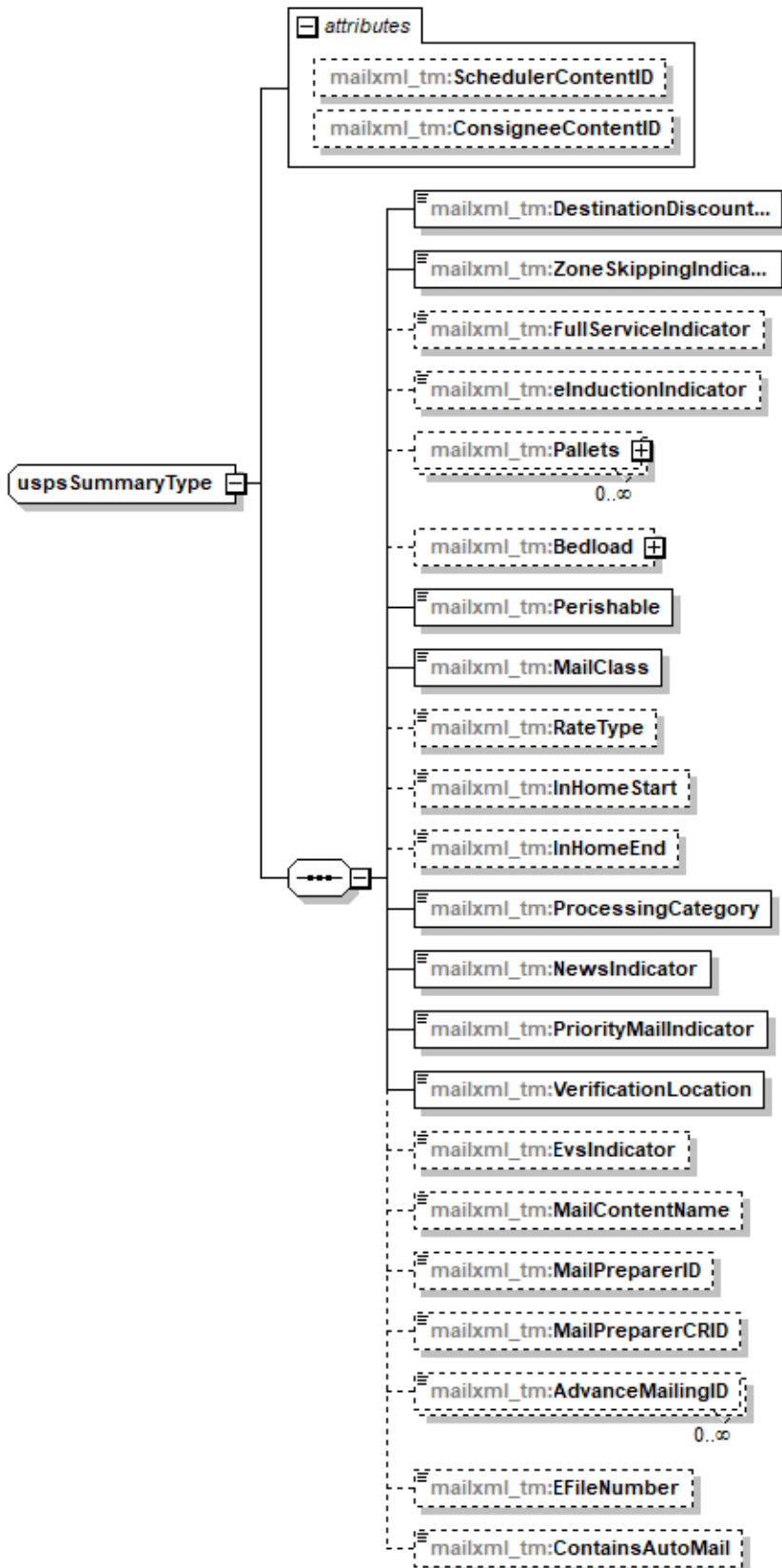


complexType **uspsDetailType**



complexType **uspsSummaryType**

diagram



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
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simpleType **appointmentNumberIdentifierType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType **contentsBarcodeStatusType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType **contentsBarcodeTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType **csaStatusType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType **csaTemplateType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType **IMcblInfoType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType **locationStatusType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType **packageServicesType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType processingCodeType

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType scanEventType

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType stopStatusType

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType valueAddedServiceType

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string

simpleType verificationLocationType

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_tm
type	restriction of xs:string