

# ***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' <- 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\_defs\_25.4.xsd

schema location: [../XSDs/mailxml\\_defs\\_25.4.xsd](http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs)  
attribute form default: **qualified**  
element form default: **qualified**  
targetNamespace: **http://delivery-tech.org/Specs/mailxml25.4/mailxml\_defs**

## Elements

[ContainerDetailData](#)  
[ContainerInfoData](#)  
[DataRecipient](#)  
[ExtraServiceData](#)  
[LargeTransactionDivider](#)  
[LargeTransactionDividerResult](#)  
[QueryError](#)

## Complex types

[addressType](#)  
[basicReturnInfoType](#)  
[commonContactType](#)  
[consigneeFacilityType](#)  
[consolidatorCommunicationInfoType](#)  
[contactIDType](#)  
[ContainerDiscrepancyType](#)  
[containerErrorWarningBlockType](#)  
[containerIDType](#)  
[ContainerInductedType](#)  
[containerInfoDataType](#)  
[containerKeysInfoType](#)  
[containerPostInductionInfoType](#)  
[containerPreInductionInfoType](#)  
[containerReleaseInfoType](#)  
[containerStatusInfoType](#)  
[contentIDType](#)  
[CSQContainerDetailDataType](#)  
[CSQcontainerInfoDataType](#)  
[CSQlinkingContainerIDType](#)  
[documentVersionDataforCSQType](#)  
[errorWarningType](#)  
[fullContainerIDType](#)  
[gPSCoordinates](#)  
[IMcbAndIMtbPieceScanInfoType](#)  
[IMcbPieceScanInfoType](#)  
[IMtbPieceScanInfoType](#)  
[inductionCloseoutInfoType](#)  
[inductionIssuesType](#)  
[InductionProblemType](#)  
[intelligentMailBarcodeType](#)  
[intelligentMailPackageBarcodeType](#)  
[maildatContainerIDType](#)  
[MaildatMPUInfoType](#)  
[mailPieceIDType](#)  
[MailXMLContainerIDType](#)  
[mailxmlDetailType](#)  
[measurementType](#)  
[MIDType](#)

## Simple types

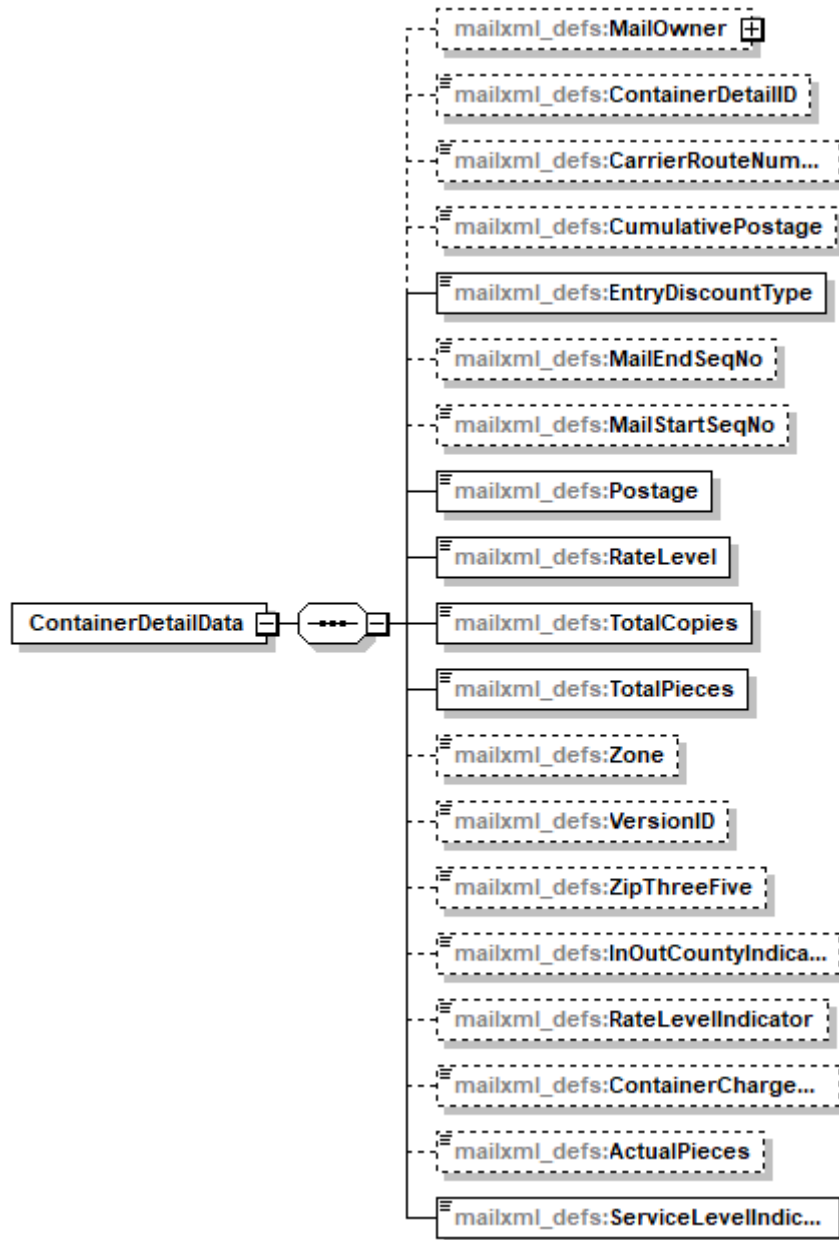
[bundleScanTypeType](#)  
[containerDiscrepancyCategoryType](#)  
[containerScanStateType](#)  
[containerStatusType](#)  
[countTypeType](#)  
[einductionDataSourceType](#)  
[fullServiceComplianceIndicatorType](#)  
[MPSQueryType](#)  
[MPSSStateType](#)  
[pieceScanEventTypeType](#)  
[problemCategoryType](#)  
[problemTypeType](#)  
[reasonCodeType](#)  
[retrieveDataByType](#)



[MPSRBlockType](#)  
[MPSVisIncludedInScanRecFlagType](#)  
[MPSVisResultOptionsType](#)  
[palletHandoffInfoType](#)  
[participantIDType](#)  
[permitPublicationDataType](#)  
[pickupApptBlockResponseType](#)  
[postageStatementSummaryType](#)  
[PSRBlockType](#)  
[queryErrorType](#)  
[returnInfoType](#)  
[scanEventType](#)  
[submittingSoftwareType](#)  
[zipCode](#)

# element **ContainerDetailData**

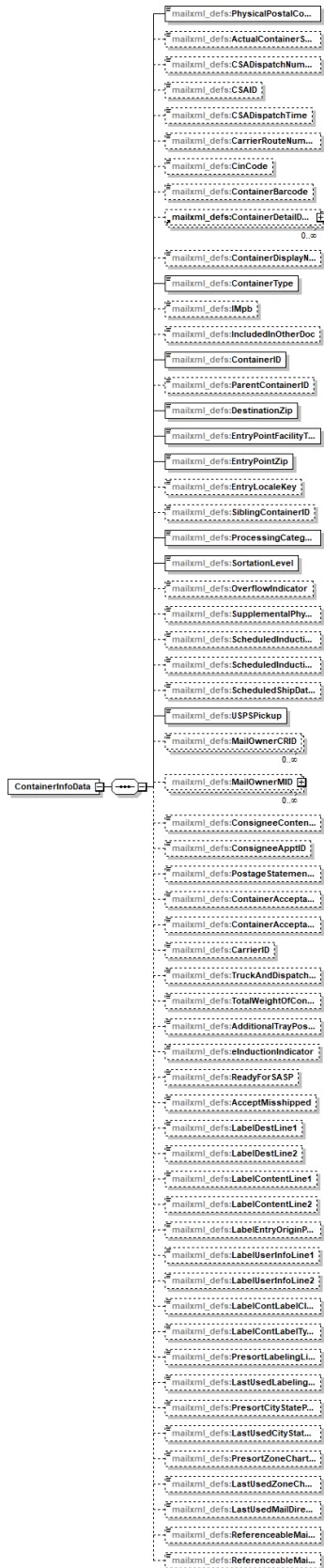
diagram



namespace [http://delivery-tech.org/Specs/mailxml25.4/mailxml\\_defs](http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs)

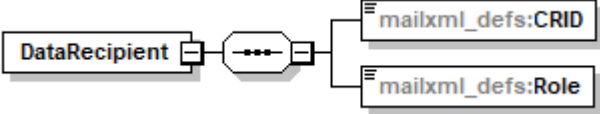
## element ContainerInfoData

diagram

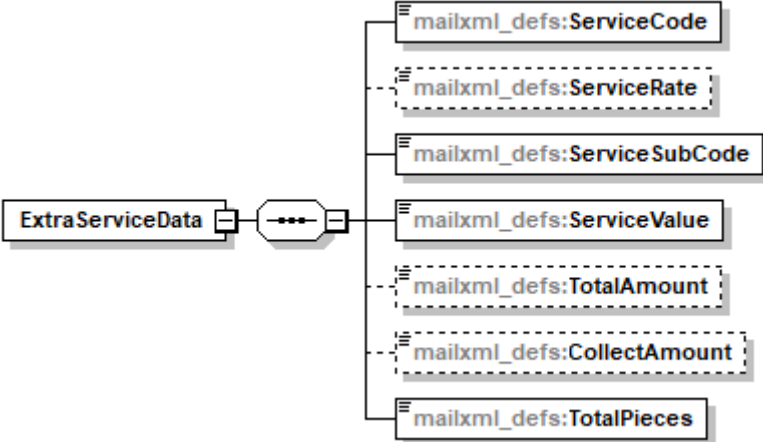


namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
-----------	---


element **DataRecipient**

diagram	 <pre> graph LR     DR[DataRecipient] --- C1(( ))     C1 --- CRID[mailxml_defs:CRID]     C1 --- Role[mailxml_defs:Role] </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs


element **ExtraServiceData**

diagram	 <pre> graph LR     ESD[ExtraServiceData] --- C1(( ))     C1 --- SC[mailxml_defs:ServiceCode]     C1 --- SR[mailxml_defs:ServiceRate]     C1 --- SSC[mailxml_defs:ServiceSubCode]     C1 --- SV[mailxml_defs:ServiceValue]     C1 --- TA[mailxml_defs:TotalAmount]     C1 --- CA[mailxml_defs:CollectAmount]     C1 --- TP[mailxml_defs:TotalPieces] </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs


element **LargeTransactionDivider**

diagram	 <pre> graph LR     LTD[LargeTransactionDivider] --- C1(( ))     C1 --- TI[mailxml_defs:TrackingID] </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

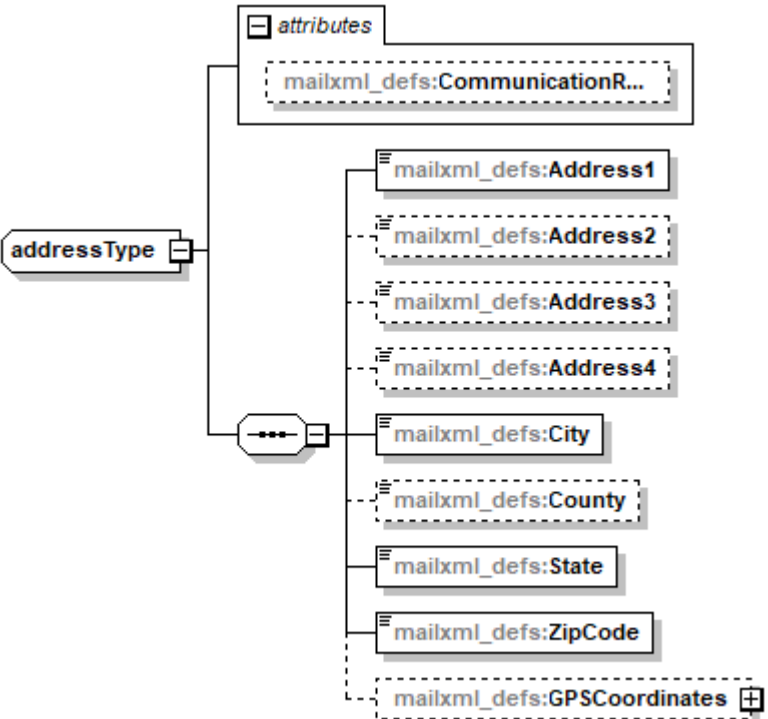
element **LargeTransactionDividerResult**

diagram	 <pre> graph LR     LTRD[LargeTransactionDividerResult] --- C1(( ))     C1 --- LTR[mailxml_defs:LargeTransactio...]     LTR -- 1..∞ --&gt; LTR </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

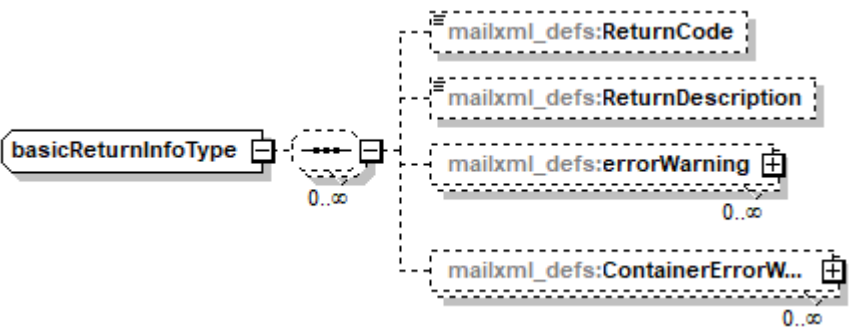
## element QueryError

diagram	 <p>The diagram shows the <b>QueryError</b> element connected to the <b>mailxml_defs:ReturnInfo</b> element via a choice connector (a circle with three dots). The <b>QueryError</b> element has a description: "Error issued when the query data cannot be provided."</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
annotation	documentation Error issued when the query data cannot be provided.

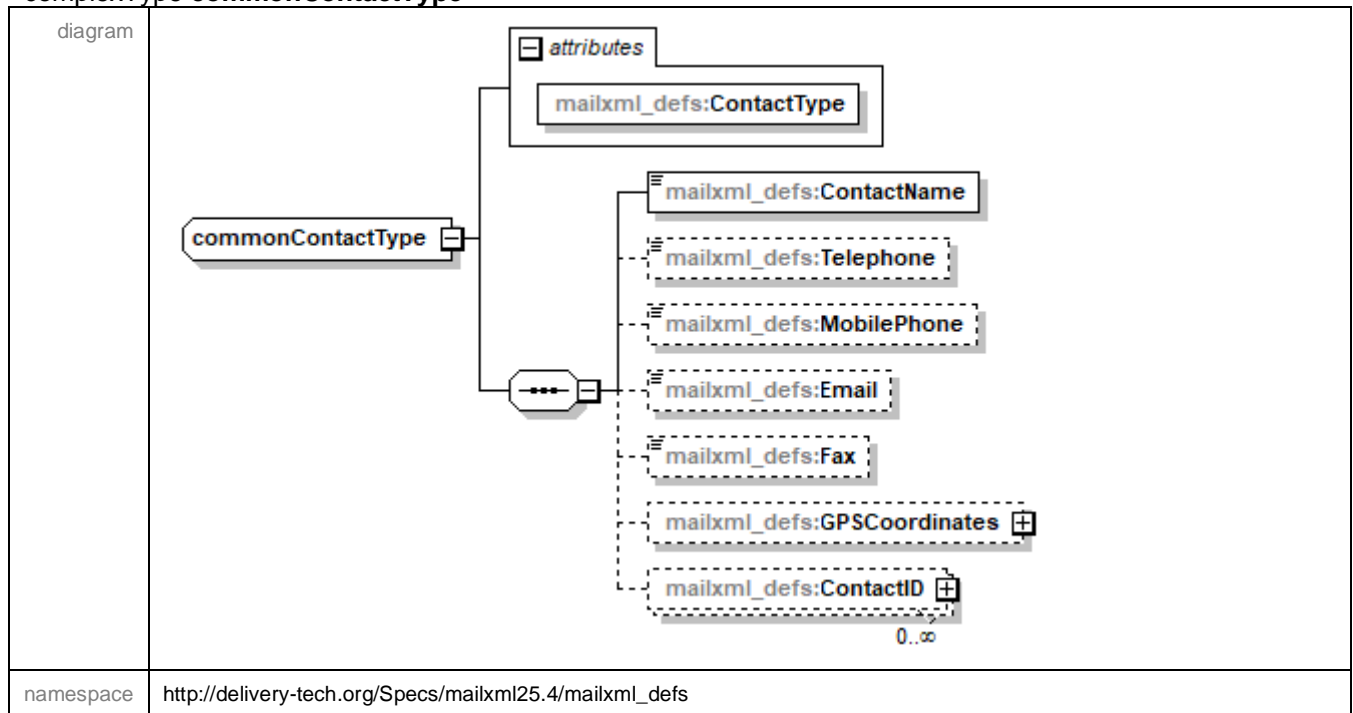
## complexType addressType

diagram	 <p>The diagram shows the <b>addressType</b> complex type. It has an <b>attributes</b> section containing <b>mailxml_defs:CommunicationR...</b>. The main body of the type is a choice connector (a circle with three dots) that branches into several elements: <b>mailxml_defs:Address1</b>, <b>mailxml_defs:Address2</b>, <b>mailxml_defs:Address3</b>, <b>mailxml_defs:Address4</b>, <b>mailxml_defs:City</b>, <b>mailxml_defs:County</b>, <b>mailxml_defs:State</b>, <b>mailxml_defs:ZipCode</b>, and <b>mailxml_defs:GPSCoordinates</b>. The <b>GPSCoordinates</b> element is marked with a plus sign in a box, indicating it is optional.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

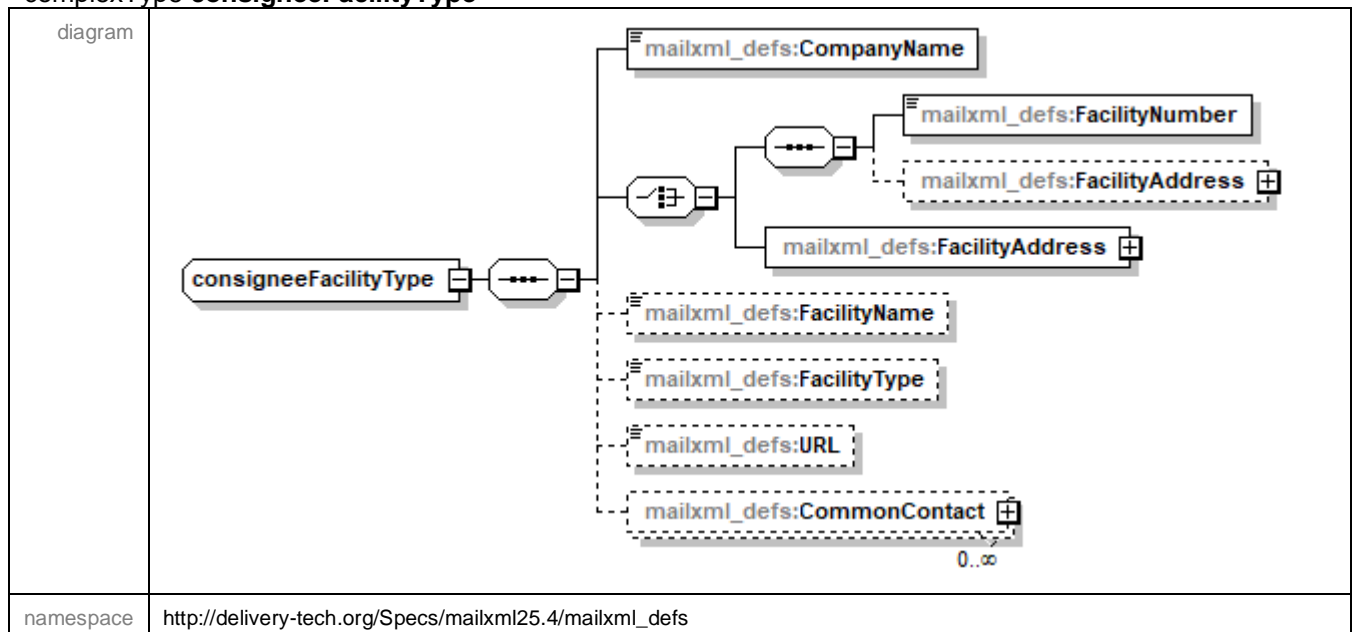
## complexType basicReturnInfoType

diagram	 <p>The diagram shows the <b>basicReturnInfoType</b> complex type. It has a choice connector (a circle with three dots) with a cardinality of <b>0..∞</b> that branches into four elements: <b>mailxml_defs:ReturnCode</b>, <b>mailxml_defs:ReturnDescription</b>, <b>mailxml_defs:errorWarning</b>, and <b>mailxml_defs:ContainerErrorW...</b>. The <b>errorWarning</b> and <b>ContainerErrorW...</b> elements are marked with a plus sign in a box, indicating they are optional. Both have a cardinality of <b>0..∞</b>.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

## complexType **commonContactType**

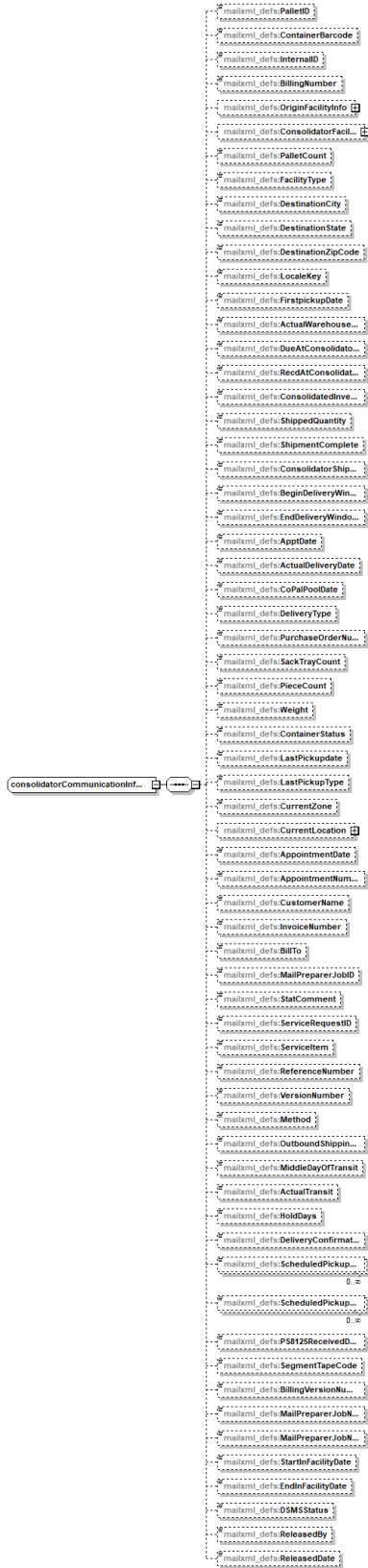


## complexType **consigneeFacilityType**



## complexType consolidatorCommunicationInfoType

diagram



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

complexType **contactIDType**

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

complexType **ContainerDiscrepancyType**

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

complexType **containerErrorWarningBlockType**

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



## complexType containerIDType

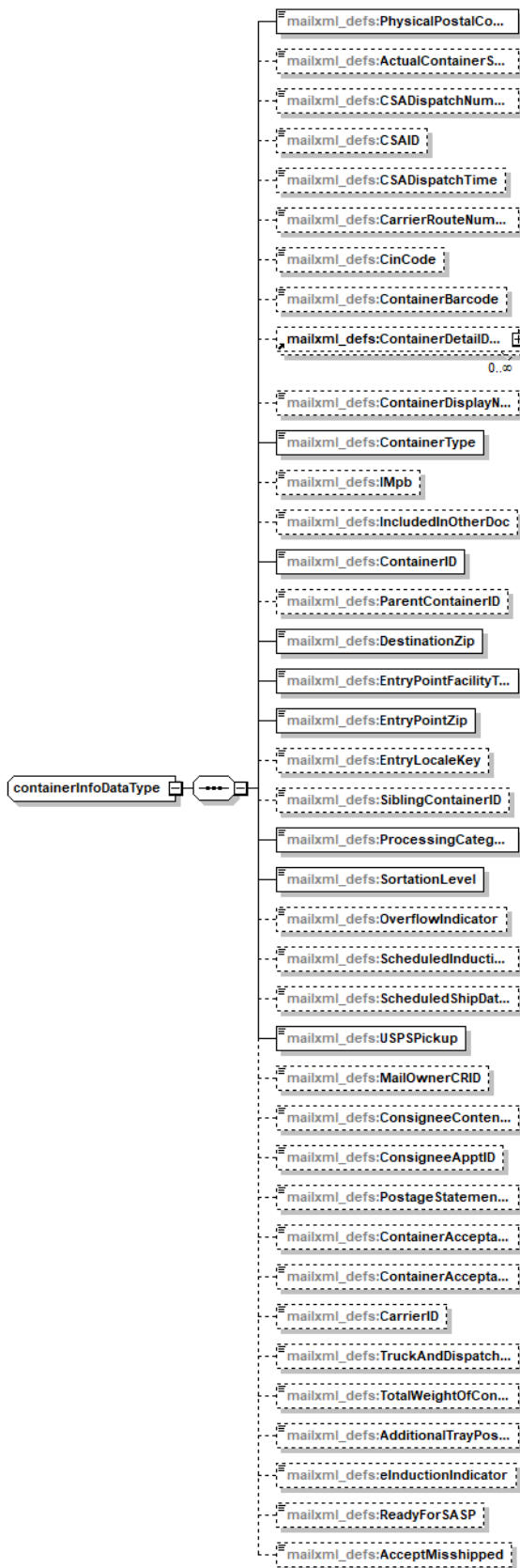
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

## complexType ContainerInductedType

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

complexType **containerInfoDataType**

diagram



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

complexType **containerKeysInfoType**

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

complexType **containerPostInductionInfoType**

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

## complexType containerPreInductionInfoType

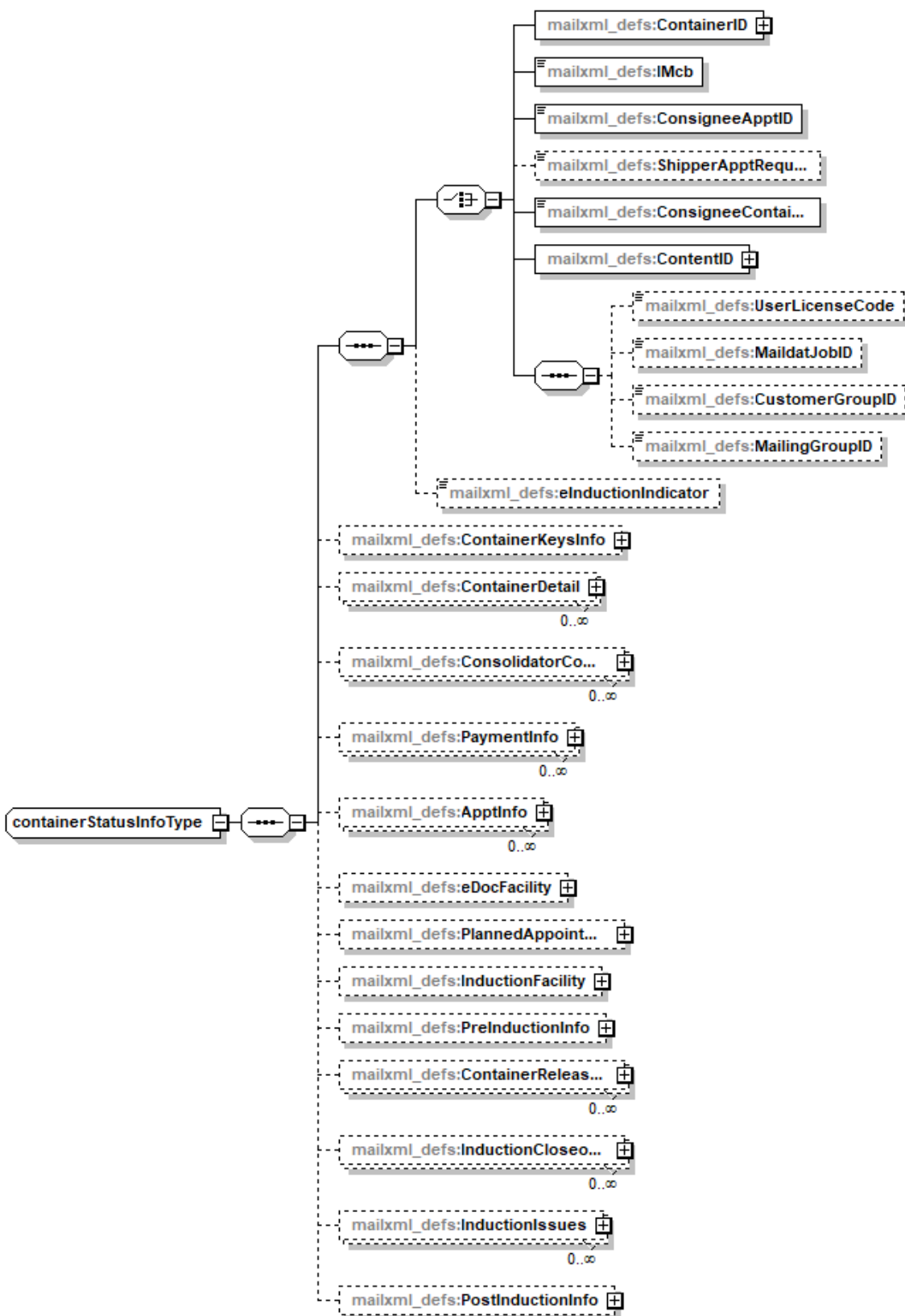
diagram	<pre> xsd:complexType base="baseType" name="containerPreInductionInfoType"&gt;   <xsd:sequence>     <xsd:element base="baseType" name="BarcodeFormatVal..." type="string"></xsd:element>     <xsd:element base="baseType" name="UniqueBarcodeVal..." type="string"></xsd:element>     <xsd:element base="baseType" name="EPDValidation" type="boolean"></xsd:element>     <xsd:element base="baseType" name="SingleAppointme..." type="string"></xsd:element>     <xsd:element base="baseType" name="IMcbToAppointme..." type="string"></xsd:element>     <xsd:element base="baseType" name="PaymentValidation" type="boolean"></xsd:element>     <xsd:element base="baseType" name="LabelingListValida..." type="string"></xsd:element>     <xsd:element base="baseType" name="TransportedMailA..." type="string"></xsd:element>     <xsd:element base="baseType" name="ContainerManifes..." type="string"></xsd:element>     <xsd:element base="baseType" name="NewZoneValidation" type="boolean"></xsd:element>     <xsd:element base="baseType" name="PreInductionStatus" type="string"></xsd:element>     <xsd:element base="baseType" name="ReturnInfo" type="string"></xsd:element>   </xsd:sequence>  </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

## complexType containerReleaseInfoType

diagram	<pre> xsd:complexType base="baseType" name="containerReleaseInfoType"&gt;   <xsd:sequence>     <xsd:element base="baseType" name="TransactionID" type="string"></xsd:element>     <xsd:element base="baseType" name="MessageGenerat..." type="string"></xsd:element>     <xsd:element base="baseType" name="MessageSentTarg..." type="string"></xsd:element>     <xsd:element base="baseType" name="MessageType" type="string"></xsd:element>   </xsd:sequence>  </pre>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

## complexType containerStatusInfoType

diagram



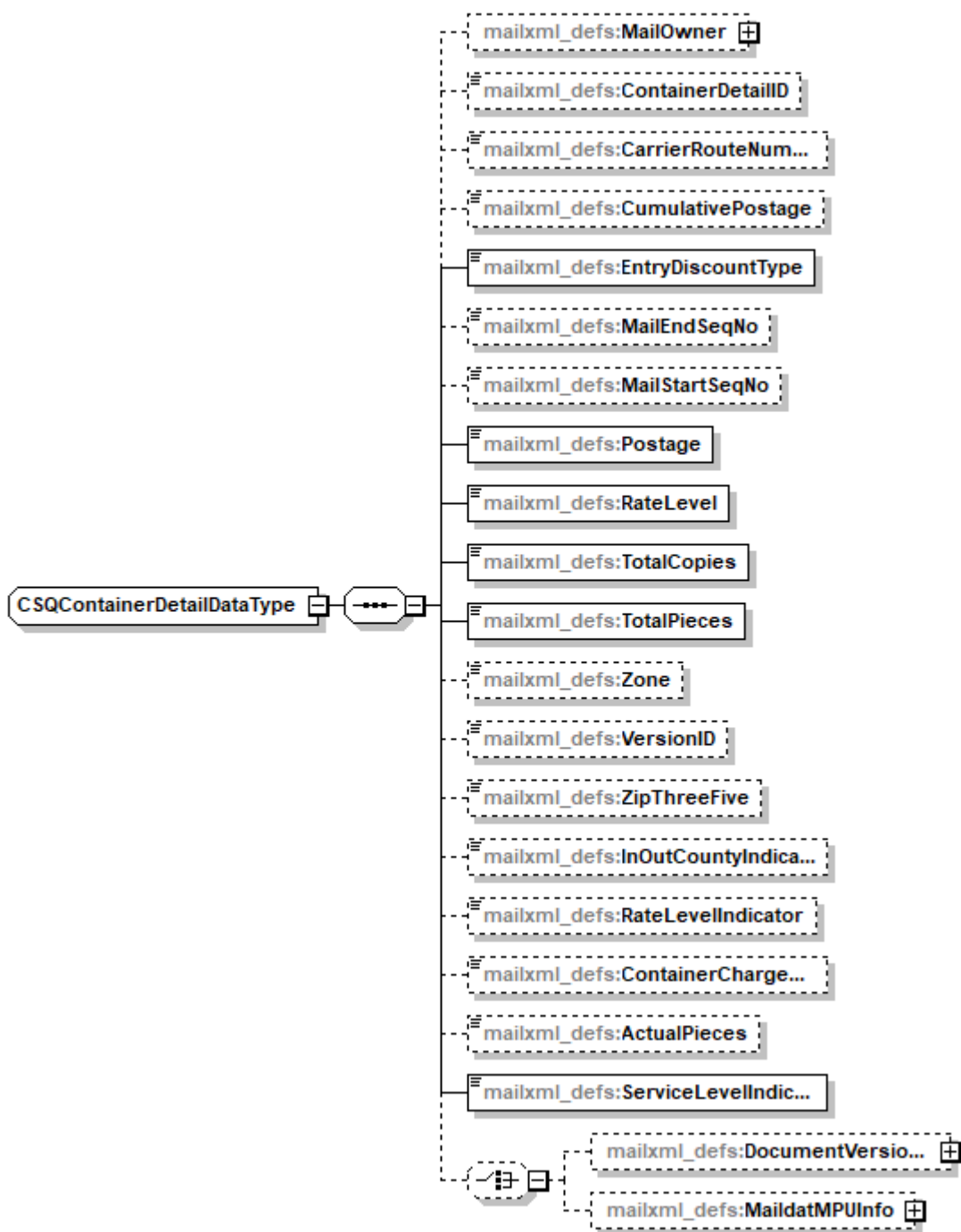
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
-----------	---

complexType **contentIDType**

diagram	<p>The diagram shows a complex type named <b>contentIDType</b>. It has a single attribute named <i>attributes</i>. This attribute is of type <i>mailxml_defs:ConsigneeContent...</i> and contains a sub-element <i>mailxml_defs:SchedulerContent...</i>. The sub-element is shown with a dashed border, indicating it is optional.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

# complexType **CSQContainerDetailDataType**

diagram



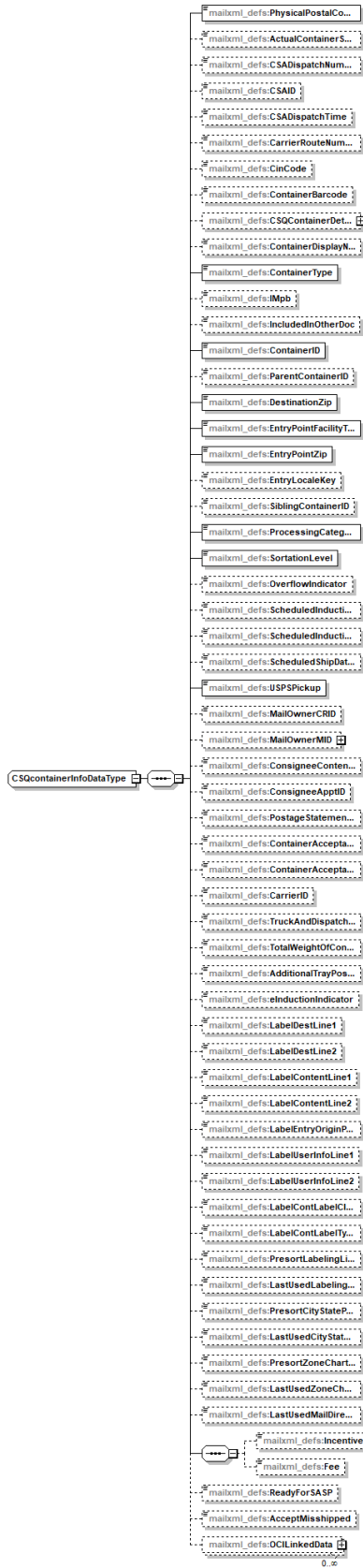
namespace

[http://delivery-tech.org/Specs/mailxml25.4/mailxml\\_defs](http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs)



complexType **CSQcontainerInfoDataType**

diagram



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

complexType **CSQlinkingContainerIDType**

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

complexType **documentVersionDataforCSQType**

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

## complexType errorWarningType

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

## complexType fullContainerIDType

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

### complexType **gPSCoordinates**

diagram	<pre> graph LR     gPSCoordinates --&gt; attributes     subgraph attributes         GPSSystem[mailxml_defs:GPSSystem]     end     gPSCoordinates --&gt; Latitude[mailxml_defs:Latitude]     gPSCoordinates --&gt; Longitude[mailxml_defs:Longitude]     gPSCoordinates --&gt; Height[mailxml_defs:Height]         </pre>
namespace	<a href="http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs">http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs</a>

### complexType **IMcbAndIMtbPieceScanInfoType**

diagram	<pre> graph LR     IMcbAndIMtbPieceScanInfoType --&gt; IMcb[mailxml_defs:IMcb]     IMcbAndIMtbPieceScanInfoType --&gt; IMtbPieceScanInfo[mailxml_defs:IMtbPieceScanInfo]         </pre>
namespace	<a href="http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs">http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs</a>

### complexType **IMcbPieceScanInfoType**

diagram	<pre> graph LR     IMcbPieceScanInfoType --&gt; IMcb[mailxml_defs:IMcb]     IMcbPieceScanInfoType --&gt; IMbScanRec[mailxml_defs:IMbScanRec]         </pre>
namespace	<a href="http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs">http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs</a>

### complexType **IMtbPieceScanInfoType**

diagram	<pre> graph LR     IMtbPieceScanInfoType --&gt; IMtb[mailxml_defs:IMtb]     IMtbPieceScanInfoType --&gt; IMbScanRec[mailxml_defs:IMbScanRec]         </pre>
namespace	<a href="http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs">http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs</a>

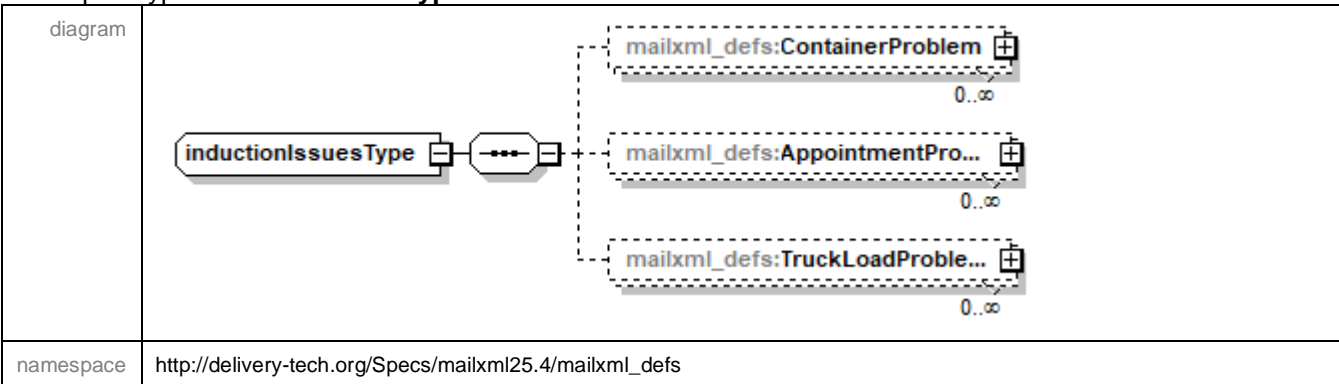
complexType inductionCloseoutInfoType

diagram

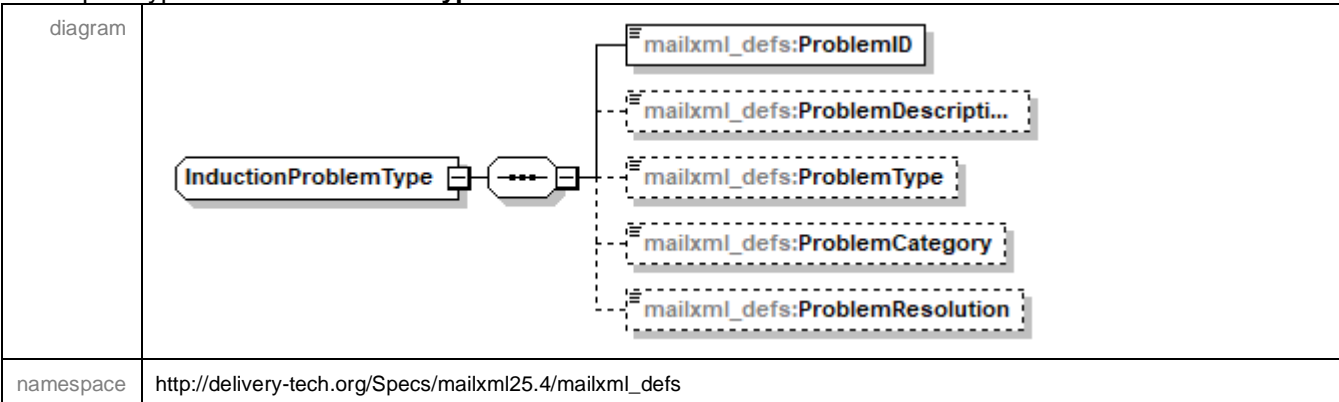


namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
-----------	---

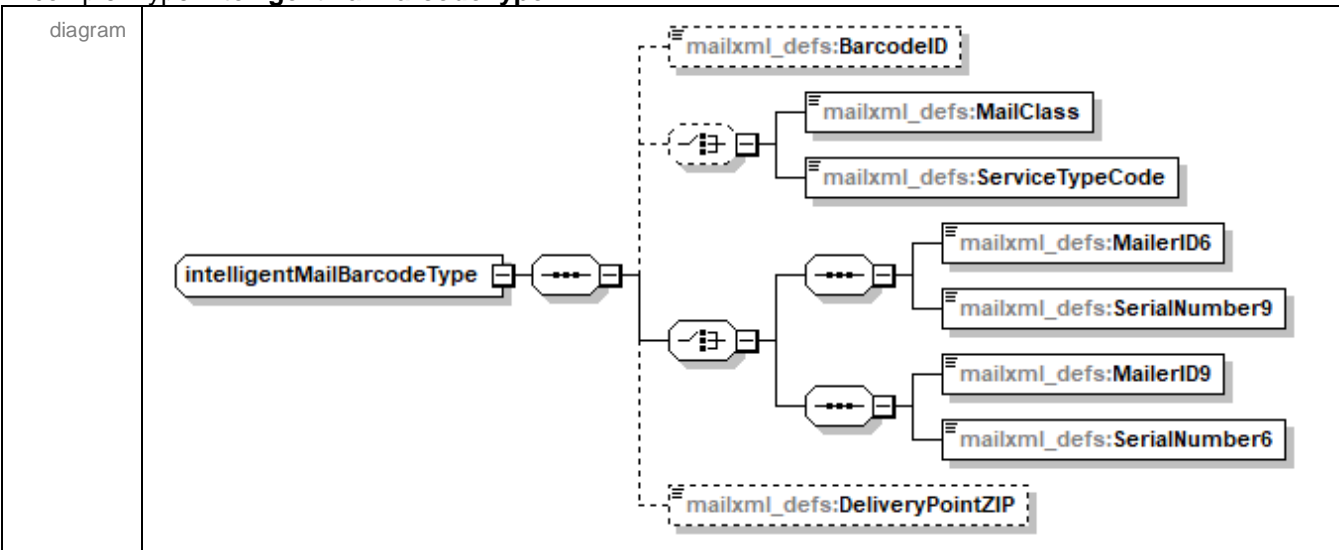
complexType inductionIssuesType



complexType InductionProblemType



complexType intelligentMailBarcodeType



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

### complexType intelligentMailPackageBarcodeType

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

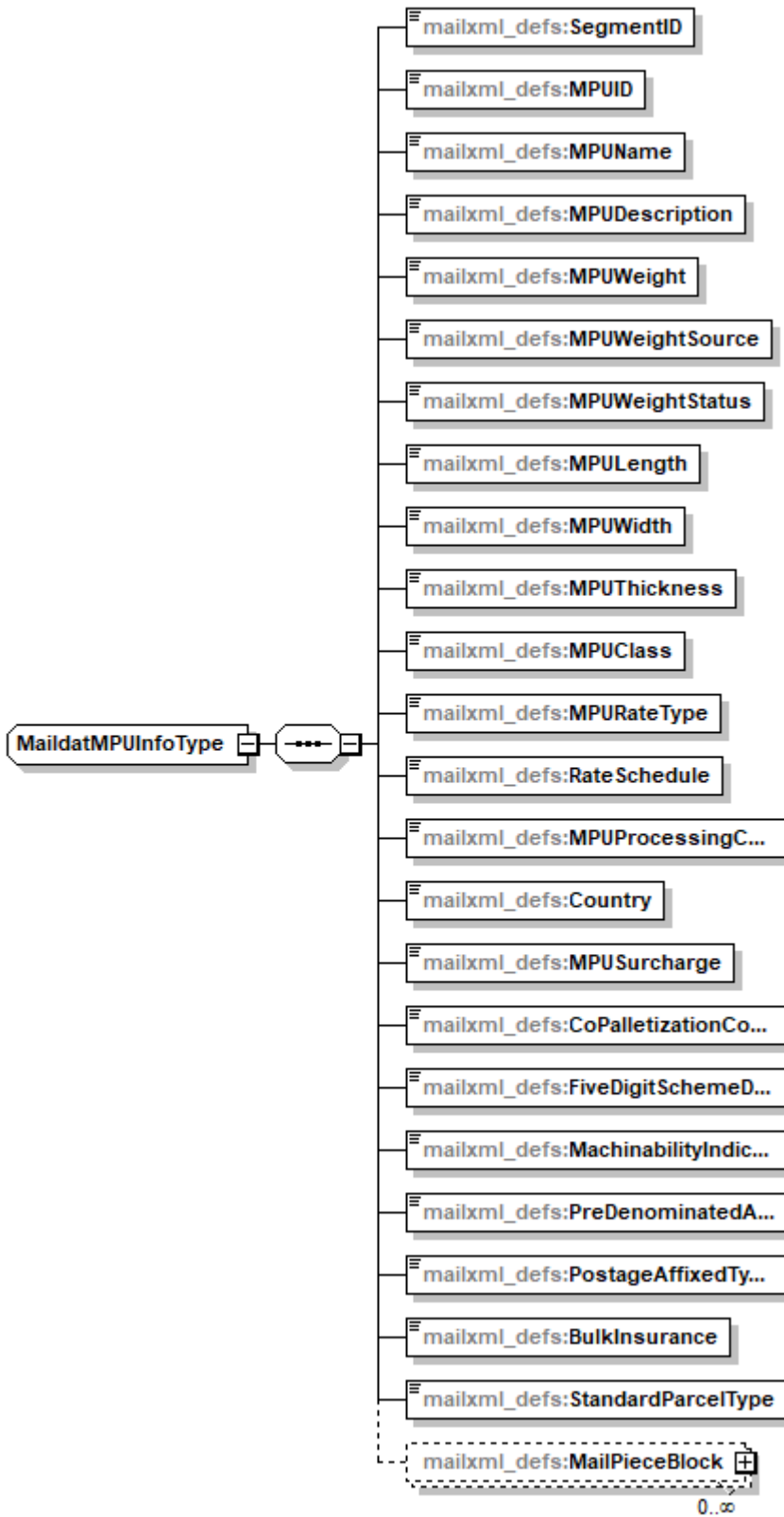
### complexType maildatContainerIDType

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



# complexType MaildatMPUInfoType

diagram



namespace

[http://delivery-tech.org/Specs/mailxml25.4/mailxml\\_defs](http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs)

### complexType mailPieceIDType

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

### complexType MailXMLContainerIDType

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

### complexType mailxmlDetailType

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

### complexType measurementType

diagram	
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namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
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### complexType MIDType

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

### complexType MPSRBlockType

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

### complexType MPSVisIncludedInScanRecFlagType

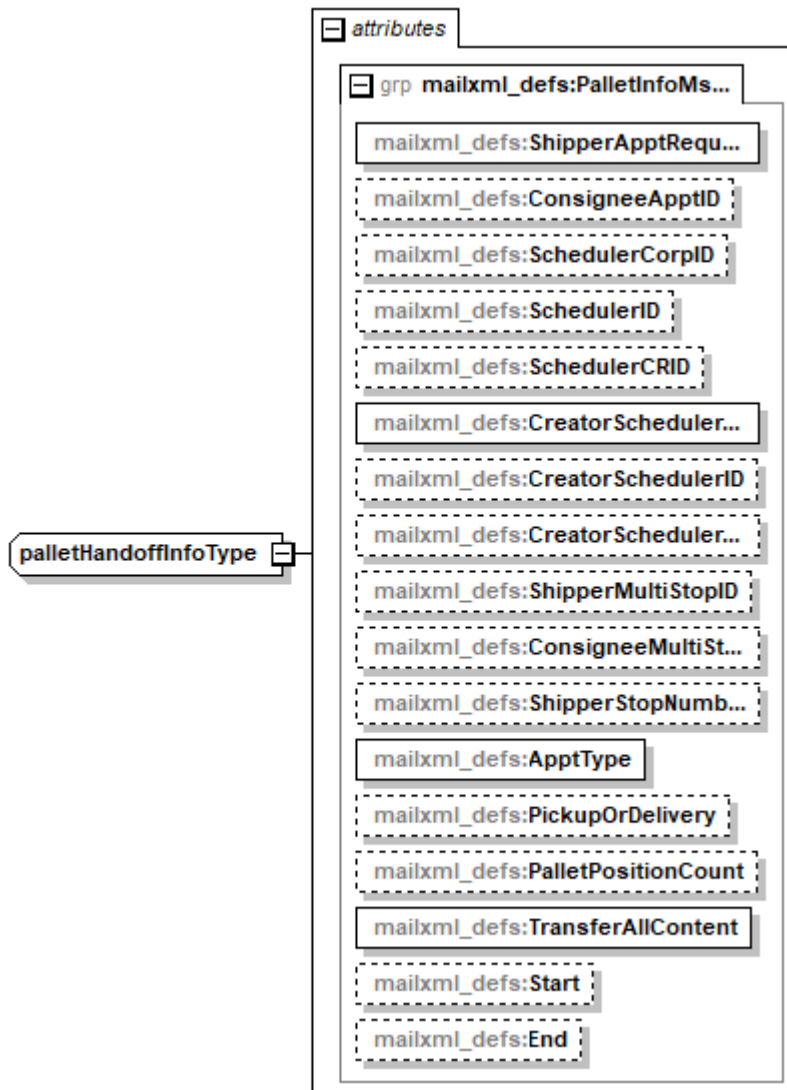
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs

### complexType MPSVisResultOptionsType

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

# complexType **palletHandoffInfoType**

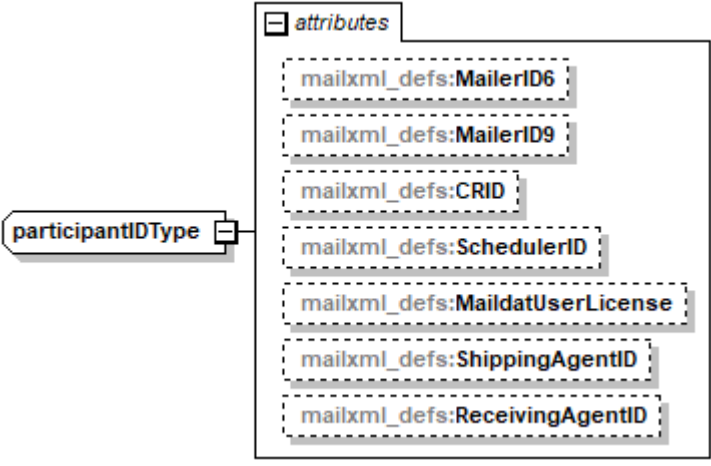
diagram



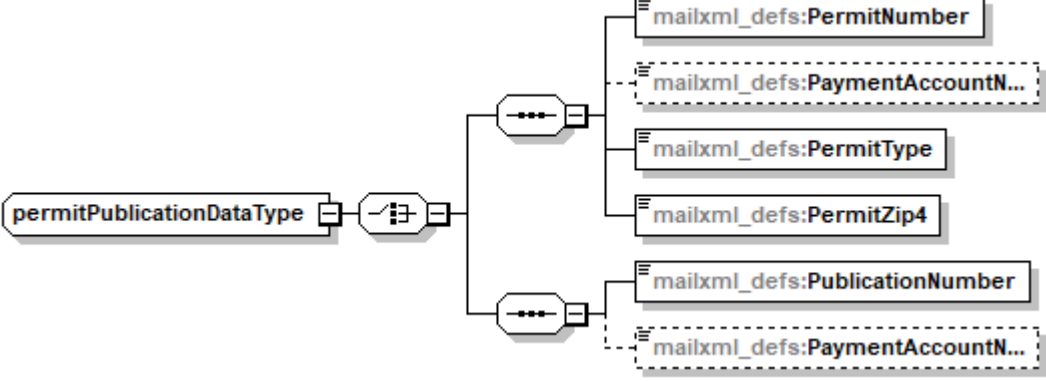
namespace

[http://delivery-tech.org/Specs/mailxml25.4/mailxml\\_defs](http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs)

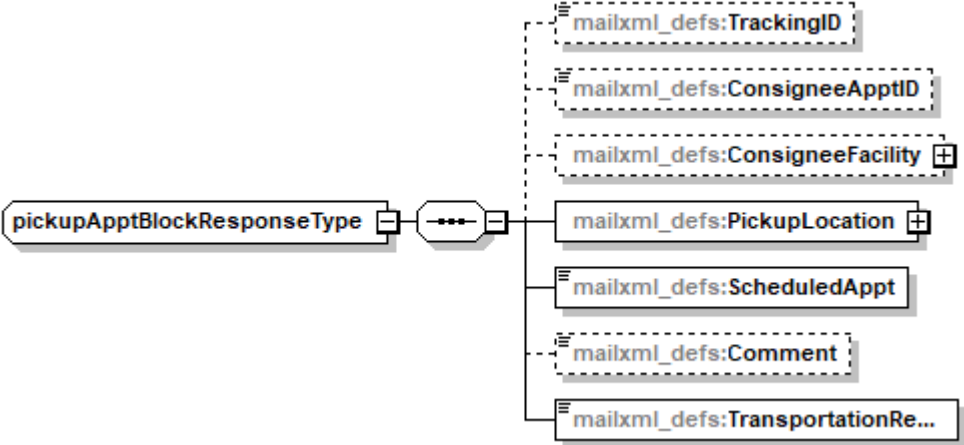
## complexType participantIDType

diagram	 <p>The diagram shows the <b>participantIDType</b> complex type. It consists of a root element <b>participantIDType</b> with a list of attributes. The attributes are:</p> <ul style="list-style-type: none"> <li><code>mailxml_defs:MailerID6</code></li> <li><code>mailxml_defs:MailerID9</code></li> <li><code>mailxml_defs:CRID</code></li> <li><code>mailxml_defs:SchedulerID</code></li> <li><code>mailxml_defs:MaildatUserLicense</code></li> <li><code>mailxml_defs:ShippingAgentID</code></li> <li><code>mailxml_defs:ReceivingAgentID</code></li> </ul>
namespace	<a href="http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs">http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs</a>

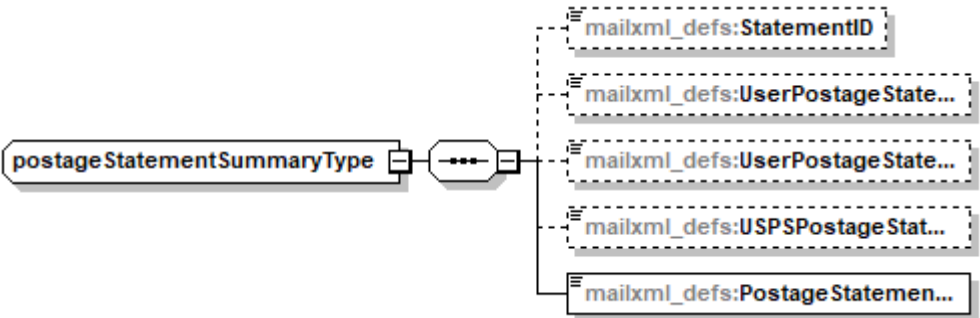
## complexType permitPublicationDataType

diagram	 <p>The diagram shows the <b>permitPublicationDataType</b> complex type. It consists of a root element <b>permitPublicationDataType</b> with a choice of two groups. The groups are:</p> <ul style="list-style-type: none"> <li>Group 1 (indicated by a dashed line): <ul style="list-style-type: none"> <li><code>mailxml_defs:PermitNumber</code></li> <li><code>mailxml_defs:PaymentAccountN...</code></li> <li><code>mailxml_defs:PermitType</code></li> <li><code>mailxml_defs:PermitZip4</code></li> </ul> </li> <li>Group 2 (indicated by a dashed line): <ul style="list-style-type: none"> <li><code>mailxml_defs:PublicationNumber</code></li> <li><code>mailxml_defs:PaymentAccountN...</code></li> </ul> </li> </ul>
namespace	<a href="http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs">http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs</a>

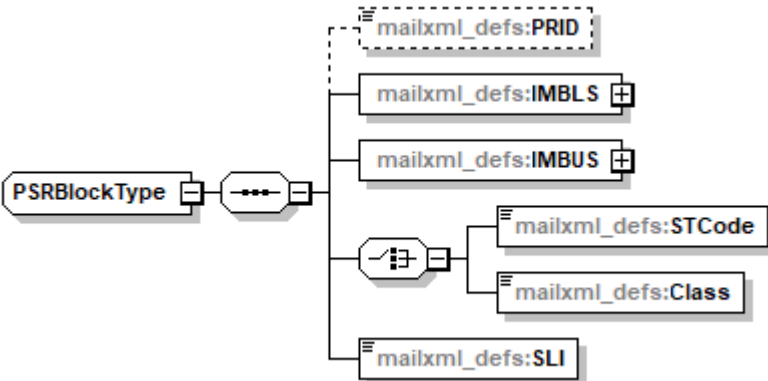
### complexType pickupApptBlockResponseType

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

### complexType postageStatementSummaryType

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

### complexType PSRBlockType

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

### complexType queryErrorType

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

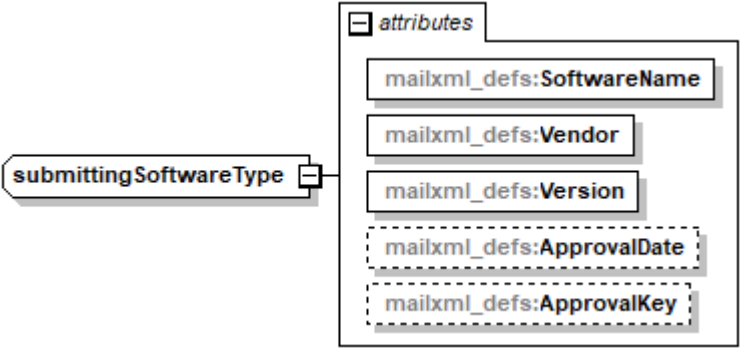
### complexType returnInfoType

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


### complexType scanEventType

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

### complexType **submittingSoftwareType**

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

### complexType **zipCode**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	extension of <b>mailxml_base:ns09</b>

### simpleType **bundleScanTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

### simpleType **containerDiscrepancyCategoryType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

### simpleType **containerScanStateType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>
annotation	documentation Scan data for Container Scan States

### simpleType **containerStatusType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>



**simpleType countTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

**simpleType einductionDataSourceType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

**simpleType fullServiceComplianceIndicatorType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	<b>mailxml_base:yesNo</b>

**simpleType MPSQueryType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>
annotation	documentation Mail Piece Scan Query Type

**simpleType MPSStateType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>
annotation	documentation Scan States for Mail Piece Scan Data

**simpleType pieceScanEventTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

**simpleType problemCategoryType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

**simpleType problemTypeType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

#### simpleType **reasonCodeType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>

#### simpleType **retrieveDataByType**

namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_defs
type	restriction of <b>xs:string</b>