

Mail.XML Version 25.4

System Messages Specification

Monday, September 11, 2023

Working Group Chair

Shawn Baldwin, BCC Software

Technical Director

Shariq Mirza, DTAC Associate, Assurety Consulting & Solutions

Editor

Shariq Mirza, DTAC Associate, Assurety Consulting & Solutions

Copyright (c) 2023 – Delivery Technology Advocacy Council (“DTAC”). All Rights Reserved.

Mail.dat is a registered trademark of DTAC

Mail.XML is a trademark of DTAC



Copyright and Legal Notices

© 2023 Delivery Technology Advocacy Council. All Rights Reserved.

Copyright 2023 – Delivery Technology Advocacy Council (“DTAC”) is the “Copyright Owner” of “Mail.XML®”. All rights reserved by the Copyright Owner under the laws of the United States, Belgium, the European Economic Community, and all states, domestic and foreign. This document may be downloaded and copied provided that all copies retain and display the copyright and any other proprietary notices contained in this document. This document may not be sold, modified, edited, or taken out of context such that it creates a false or misleading statement or impression as to the purpose or use of the Mail.XML® specification, which is an open standard. Use of this Standard, in accord with the foregoing limited permission, shall not create for the user any rights in or to the copyright, which rights are exclusively reserved to the Copyright Owner.

DTAC and the members of the Mail.XML® Specifications - Committee (collectively and individually, "Presenters") make no representations or warranties, express or implied, including, but not limited to, warranties of merchantability, fitness, for a particular purpose, title, or non-infringement. The presenters do not make any representation or warranty that the contents of this document are free from error, suitable for any purpose of any user, or that implementation of such contents will not infringe any third-party patents, copyrights, trademarks or other rights. By making use of this document, the user assumes all risks and waives all claims against Presenters.

In no event shall Presenters be liable to user (or other person) for direct, indirect, special or consequential damages arising from or related to any use of this document, including, without limitation, lost profits, business interruption, loss of programs, or other data on your information handling system even if Presenters are expressly advised of the possibility of such damages.

Some states do not allow the disclaimer or limitation of damages, so the disclaimers set forth above apply to the maximum extent permitted under applicable law.

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.

Mail.XML and Mail.dat are trademarks of DTAC.

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

Table of Contents

Abstract.....	3
About Mail.XML™	3
What's New in Mail.XML Version 25.4?	3
About Mail.XML Schema Modularization	4
Mail.XML Module Versioning Rules.....	4
Mail.XML 25.4 XSD Modules	5
The Mail.XML™ 25.4 Messaging Documentation Set	5
Schema mailxml_dd_25.4.xsd.....	8

Schema mailxml_dd_25.4.xsd

schema location: [..\XSDs\mailxml_dd_25.4.xsd](#)
attribute form default: **qualified**
element form default: **qualified**
targetNamespace: **http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd**

Elements

[AddressCorrection](#)

[AddressCorrectionDelivery](#)
[AddressCorrectionNotification](#)
[AddressCorrectionQueryRequest](#)
[AddressCorrectionQueryResponse](#)
[ByForConflictDelivery](#)

[ByForConflictNotification](#)
[ByForConflictQueryRequest](#)

[ByForConflictQueryResponse](#)

[ContainerVisibilityEntry](#)

[DataQualityVerificationReportDelivery](#)

[DataQualityVerificationReportNotification](#)

[DataQualityVerificationReportQueryRequest](#)

[DataQualityVerificationReportQueryResponse](#)

[DeliveryPointValidation](#)

[DeliveryPointValidationDelivery](#)

[DeliveryPointValidationNotification](#)

[DeliveryPointValidationQueryRequest](#)

[DeliveryPointValidationQueryResponse](#)

[IMbMailpieceScanData](#)

[NixieDetail](#)

[NixieDetailDelivery](#)

[NixieDetailNotification](#)

[NixieDetailQueryRequest](#)

[NixieDetailQueryResponse](#)

[NonComplianceDataWithPostageOwedQueryRequest](#)

[NonComplianceDataWithPostageOwedReportDelivery](#)

[NonComplianceDataWithPostageOwedReportNotification](#)

[NonComplianceDataWithPostageOwedReportQueryResponse](#)

[ScanSTCCount](#)

[ScanSTCReconciliationDelivery](#)

[ScanSTCReconciliationNotification](#)

[ScanSTCReconciliationQueryRequest](#)

[ScanSTCReconciliationQueryResponse](#)

[StartTheClockBEMUBlock](#)

[StartTheClockDropShipOrOrigin](#)

Complex types

[addressCorrectionAddressType](#)

[byForConflictType](#)
[clockStartedType](#)
[dqrContainerInfoType](#)
[foreignAddressType](#)
[manifestScanEventDetailType](#)

[manifestScanNotificationDataType](#)
[manifestScanQueryType](#)

[MPSNotificationDataType](#)

[MPSRResponseBlockType](#)

[MPSVisScanQueryType](#)

[newAddressCorrectionAddressType](#)

[nonComplianceDataWithPostageOwedReportType](#)

[PSRResponseBlockType](#)

[unManifestedScanEventDetailType](#)

[verificationErrorType](#)

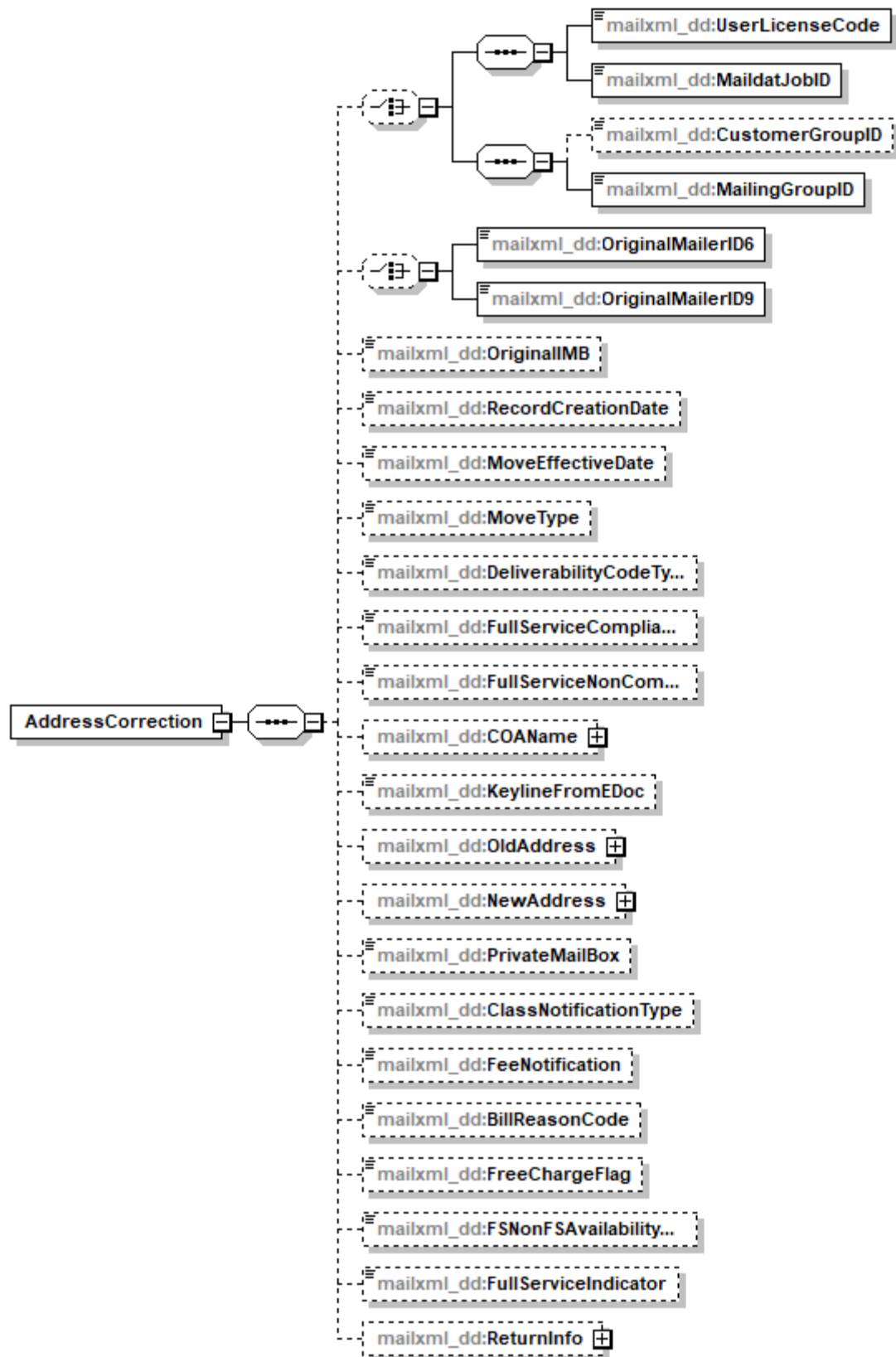
Simple types

[addressCorrectionMoveType](#)
[addressTypeType](#)
[containerScanStateType](#)
[deliverabilityCodeType](#)
[eDocTypeType](#)
[primarySecondaryIndicatorType](#)
[verificationErrorTypeType](#)
[verificationWarningTypeType](#)

[StartTheClockPlantLoadBlock](#)

element **AddressCorrection**

diagram



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

element **AddressCorrectionDelivery**

<div> <div>diagram</div> <div> </div> </div>	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	<div>documentation</div> <div>Delivery of address correction delivery data from USPS.</div>

element AddressCorrectionNotification

diagram	<pre> graph LR ACN[AddressCorrectionNotification] --> SP[mailxml_dd:SubmittingParty] ACN --> SS[mailxml_dd:SubmittingSoftware] ACN --> CRID[mailxml_dd:CRID] ACN --> PMID[mailxml_dd:PushMessageID] ACN --> Choice1(()) Choice1 --> UL[mailxml_dd:UserLicenseCode] Choice1 --> MJID[mailxml_dd:MaildatJobID] Choice1 --> Choice2(()) Choice2 --> CGID[mailxml_dd:CustomerGroupID] Choice2 --> MGID[mailxml_dd:MailingGroupID] ACN --> FSA[mailxml_dd:FSNonFSAvailability...] ACN --> ND[mailxml_dd:NotificationDate] ACN --> ARC[mailxml_dd:AvailableRecordCou...] </pre> <p>Notification from UPSP that address correction data is ready to pick up.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Notification from UPSP that address correction data is ready to pick up.

element AddressCorrectionQueryRequest

diagram	<pre> graph LR ACQR[AddressCorrectionQueryRequest] --> SP[mailxml_dd:SubmittingParty] ACQR --> SS[mailxml_dd:SubmittingSoftware] ACQR --> STID[mailxml_dd:SubmitterTrackingID] ACQR --> OP[mailxml_dd:OwningParty] ACQR --> PR[mailxml_dd:PieceRequest] ACQR --> RDB[mailxml_dd:retrieveDataBy] PR -- 1..∞ --> PR </pre> <p>Query request for full service address correction data.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Query request for full service address correction data.

element **AddressCorrectionQueryResponse**

<p>diagram</p>	<p>AddressCorrectionQueryResp... Response to the query request for full service address correction data.</p> <p>attributes</p> <p>grp mailxml_defs:LargeTrans...</p> <p>mailxml_defs:MessageGroupID</p> <p>mailxml_defs:TotalMessageCou...</p> <p>mailxml_defs:Message SerialNu...</p> <p>mailxml_defs:TransmittedRecor...</p> <p>mailxml_defs:TotalRecordsAcro...</p> <p>mailxml_defs:LastMessage</p> <p>mailxml_dd:TrackingID</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:QueryResults</p> <p>mailxml_defs:QueryError Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	<p>documentation</p> <p>Response to the query request for full service address correction data.</p>

element **ByForConflictDelivery**

<p>diagram</p>	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	<p>documentation</p> <p>Delivery of by / for conflict information from USPS.</p>

element **ByForConflictNotification**

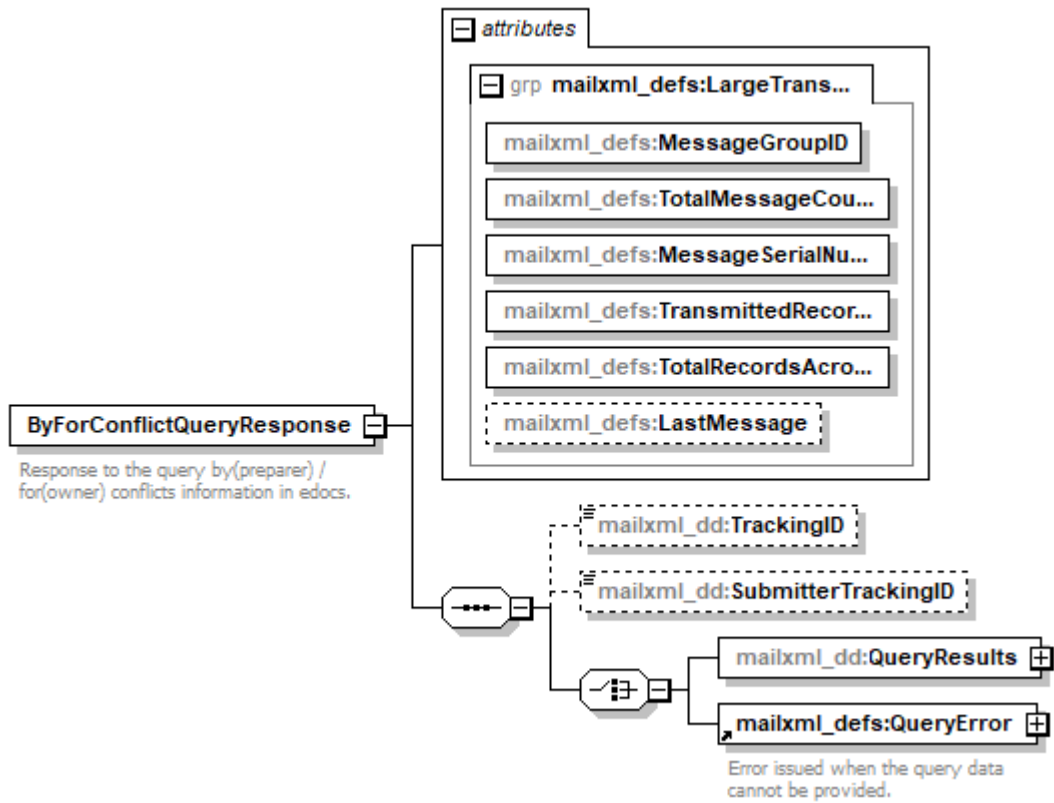
diagram	<p>ByForConflictNotification Notification from USPS that a by / for conflict resolution is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Notification from USPS that a by / for conflict resolution is ready for pickup.

element **ByForConflictQueryRequest**

diagram	<p>ByForConflictQueryRequest Query request for by(preparer) / for(owner) conflicts information in edocs.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Query request for by(preparer) / for(owner) conflicts information in edocs.

element **ByForConflictQueryResponse**

diagram

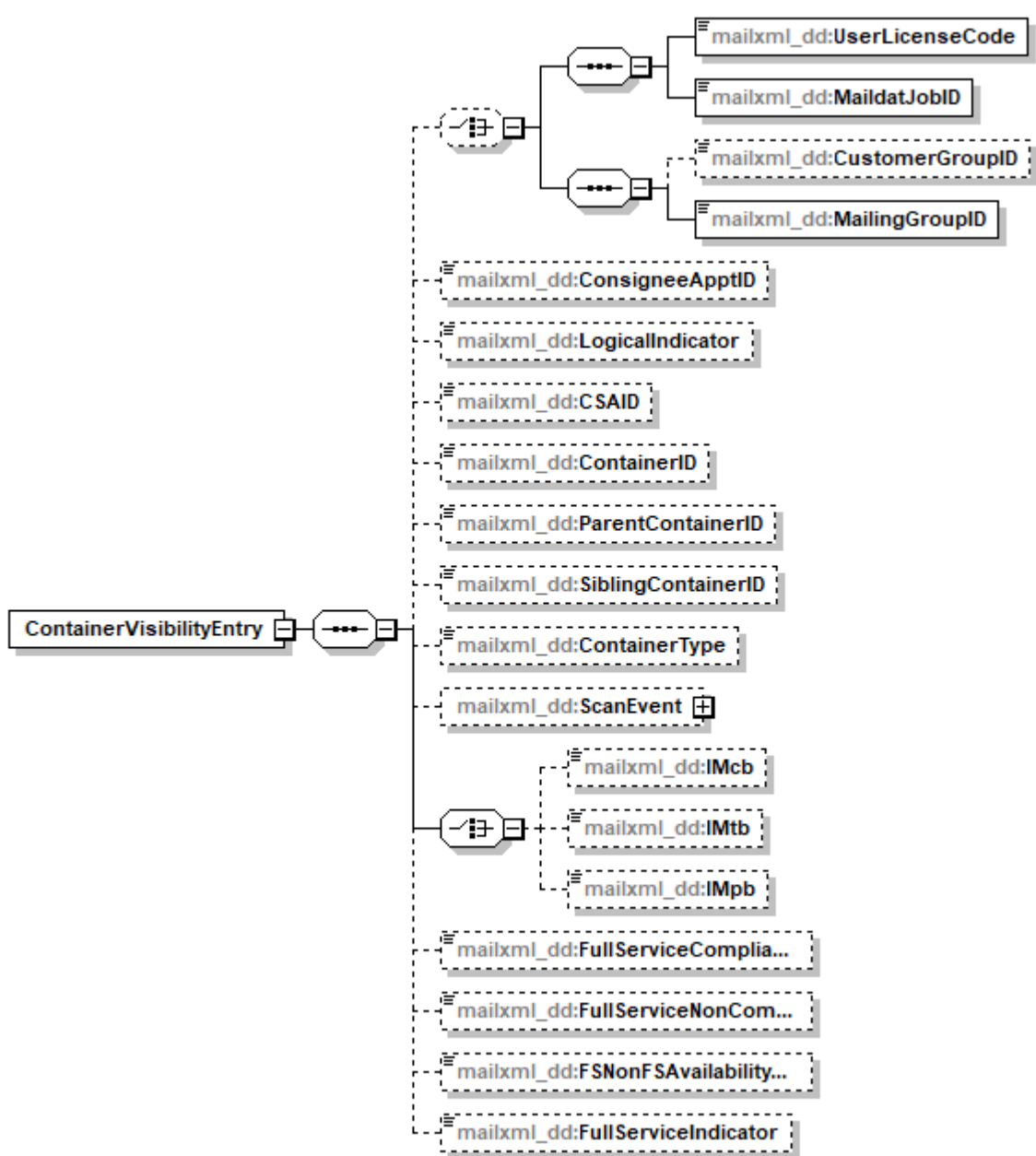


namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

annotation
documentation
Response to the query by(preparer) / for(owner) conflicts information in edocs.

element **ContainerVisibilityEntry**

diagram



namespace

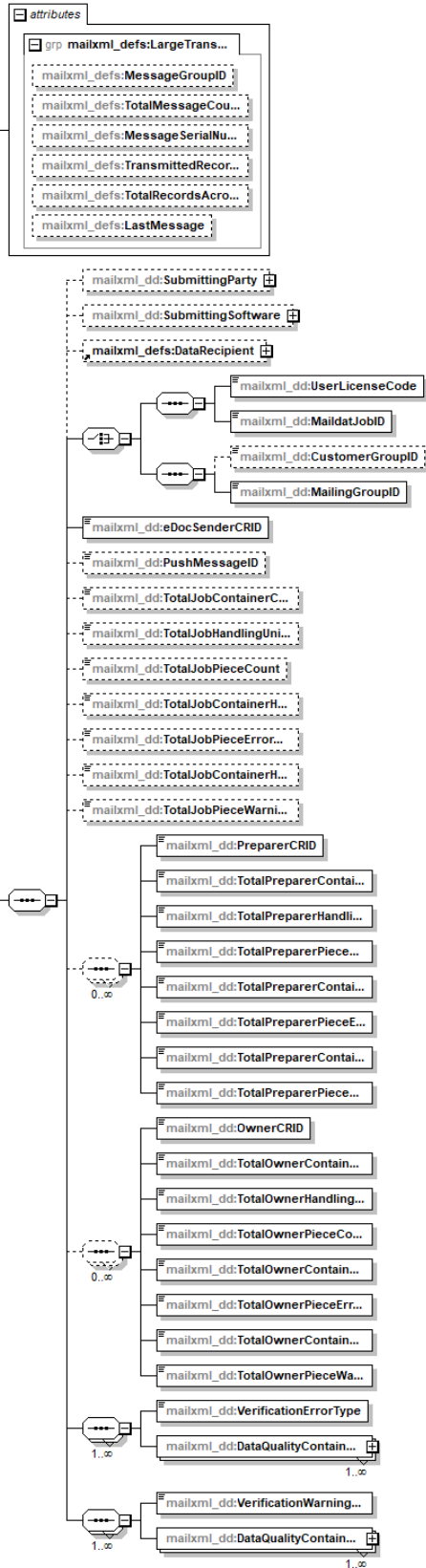
http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

element DataQualityVerificationReportDelivery

diagram

DataQualityVerificationReportD...

Delivery Message should be similar to FullServiceDataQualityVerificationQueryResponse. The Query should mimic the query for COC without the role, transtype and participant, do need to add the LargeDataTransactionDivider to Delivery and Response messages



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Delivery Message should be similar to FullServiceDatQualityVerificationQueryResponse, The Query should mimic the query for COC without the role, transtype and participant, do need to add the LargeDataTransactionDivider to Delivery and Response messages

element **DataQualityVerificationReportNotification**

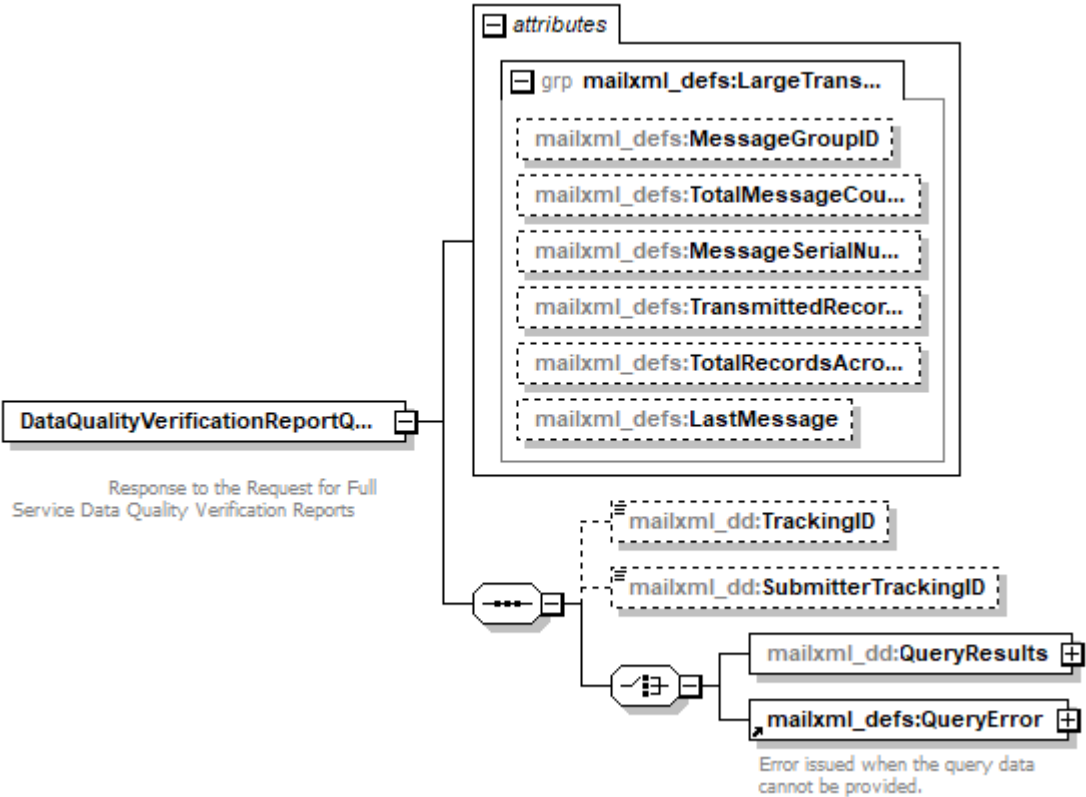
diagram	<p>The diagram illustrates the structure of the DataQualityVerificationReportNotification element. It is a container for various data elements related to a USPS data quality verification report. The elements are organized as follows:</p> <ul style="list-style-type: none">mailxml_dd:SubmittingParty (optional, dashed border)mailxml_dd:SubmittingSoftware (optional, dashed border)mailxml_dd:PushMessageID (optional, dashed border)A choice of two complex types (optional, dashed border):<ul style="list-style-type: none">Complex type 1: Contains mailxml_dd:UserLicenseCode and mailxml_dd:MaildatJobID.Complex type 2: Contains mailxml_dd:CustomerGroupID and mailxml_dd:MailingGroupID.mailxml_dd:eDocSenderCRID (optional, dashed border)mailxml_dd:VerificationErrorType (1..∞)mailxml_dd:VerificationWarning... (1..∞)mailxml_dd:FNonFSAvailability...mailxml_dd:NotificationDatemailxml_dd:AvailableRecordCou...
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Notification from USPS that a full service data quality verification report is ready for pickup.

element **DataQualityVerificationReportQueryRequest**

diagram	<p>DataQualityVerificationReportQ... Query request for full service data quality reports.</p> <p>mailxml_dd:SubmittingParty</p> <p>mailxml_dd:SubmittingSoftware</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:UserLicenseCode</p> <p>mailxml_dd:MaidatJobID</p> <p>mailxml_dd:CustomerGroupID</p> <p>mailxml_dd:MailingGroupID</p> <p>mailxml_dd:eDocSenderCRID</p> <p>mailxml_dd:VerificationErrorType 1..∞</p> <p>mailxml_dd:VerificationWarning... 1..∞</p> <p>mailxml_dd:retrieveDataBy</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Query request for full service data quality reports.

element **DataQualityVerificationReportQueryResponse**

diagram



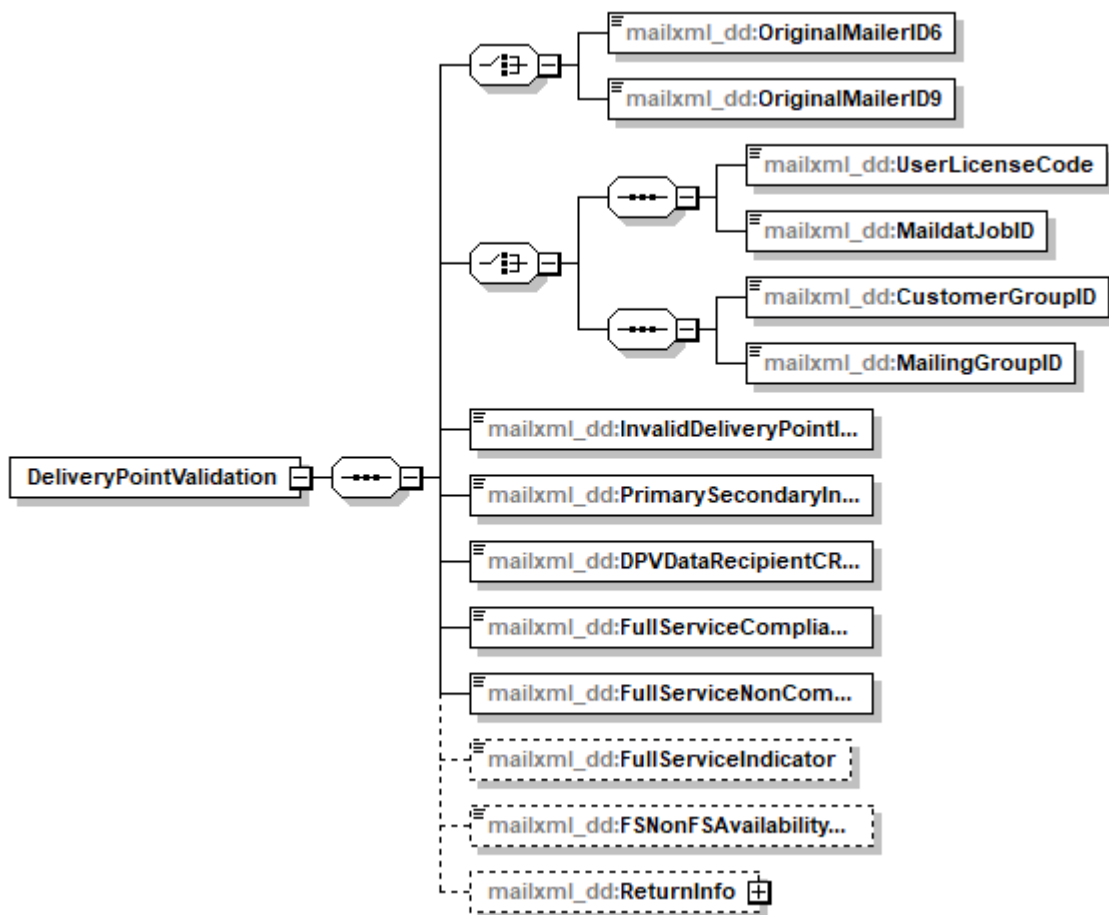
namespace http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

annotation documentation

Response to the Request for Full Service Data Quality Verification Reports

element **DeliveryPointValidation**

diagram

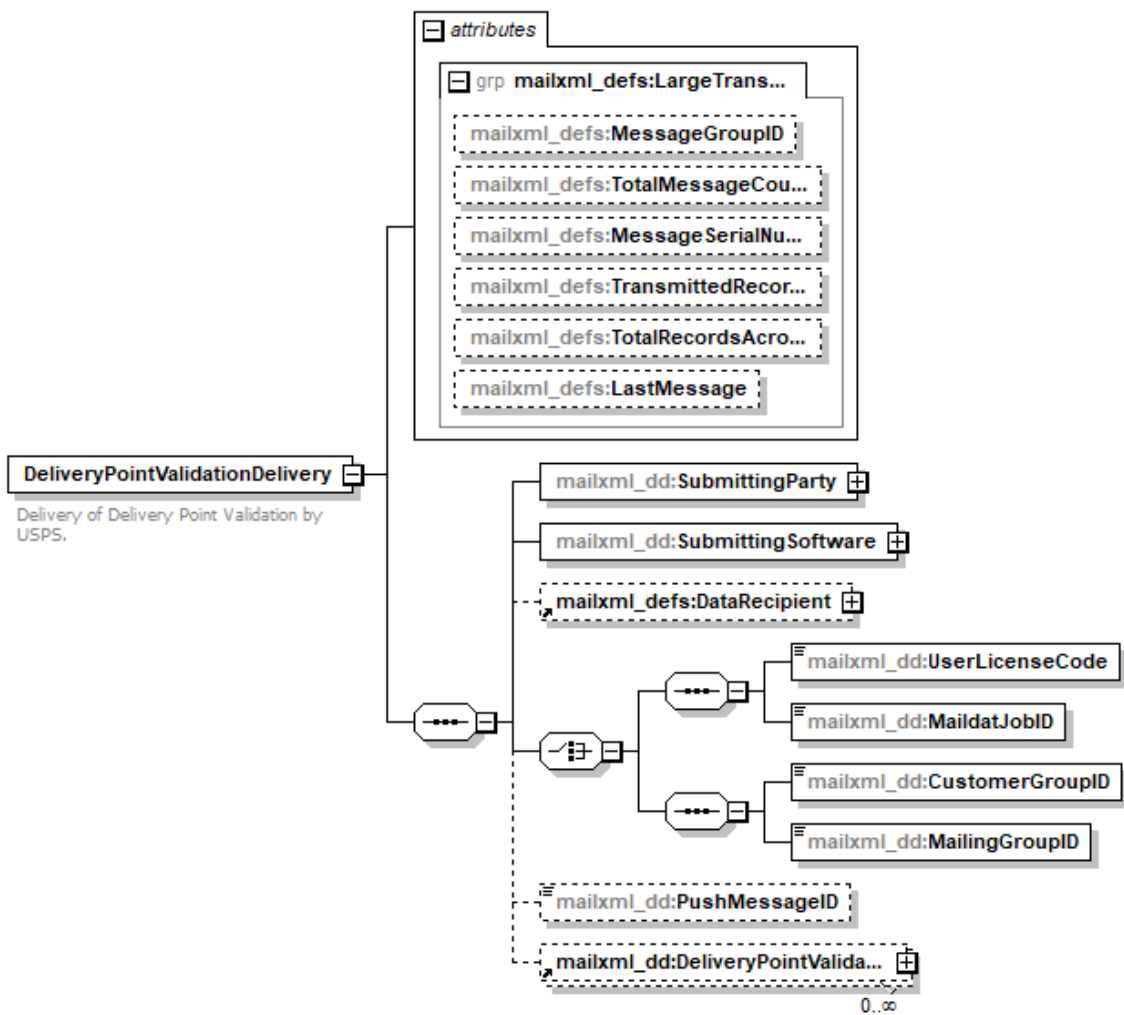


namespace

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

element **DeliveryPointValidationDelivery**

diagram



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

annotation
documentation
Delivery of Delivery Point Validation by USPS.

element **DeliveryPointValidationNotification**

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Notification by UPSP that Delivery Point Validation is ready for pickup.

element **DeliveryPointValidationQueryRequest**

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

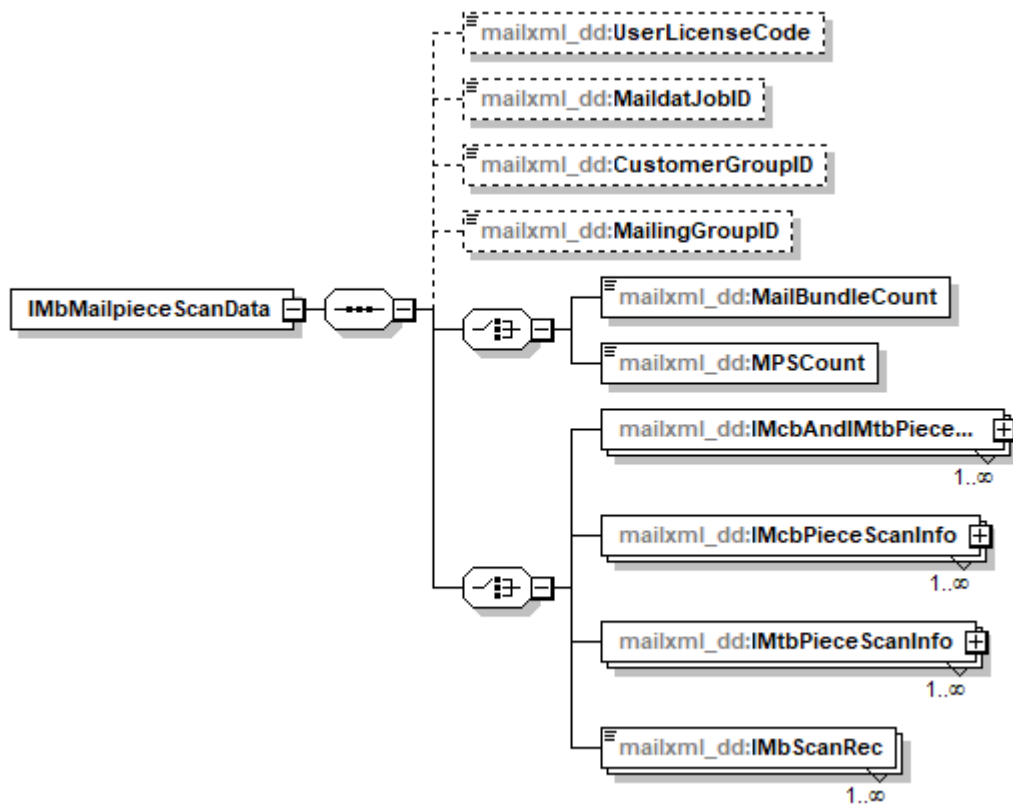
annotation	documentation Query request for USPS for delivery point validation.
------------	--

element
 DeliveryPointValidationQueryResponse

diagram	<p>The diagram illustrates the structure of the <code>DeliveryPointValidationQueryResponse</code> element. It features a central box labeled <code>DeliveryPointValidationQueryRe...</code> with the description "Response to the Query request for USPS for delivery point validation." This box is connected to a large container labeled <code>attributes</code>. Inside the <code>attributes</code> container, there is a group box <code>grp mailxml_defs:LargeTrans...</code> which contains several elements: <code>mailxml_defs:MessageGroupID</code>, <code>mailxml_defs:TotalMessageCou...</code>, <code>mailxml_defs:Message SerialNu...</code>, <code>mailxml_defs:TransmittedRecor...</code>, <code>mailxml_defs:TotalRecordsAcro...</code>, and <code>mailxml_defs:LastMessage</code> (the last one is dashed). Below the <code>attributes</code> container, there is a dashed box <code>mailxml_dd:TrackingID</code> and another dashed box <code>mailxml_dd:SubmitterTrackingID</code>. These are connected to a choice box (a circle with a vertical line and a plus sign) which branches into two options: <code>mailxml_dd:QueryResults</code> and <code>mailxml_defs:QueryError</code>. The <code>mailxml_defs:QueryError</code> option has a description: "Error issued when the query data cannot be provided."</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Response to the Query request for USPS for delivery point validation.

element **IMbMailpieceScanData**

diagram

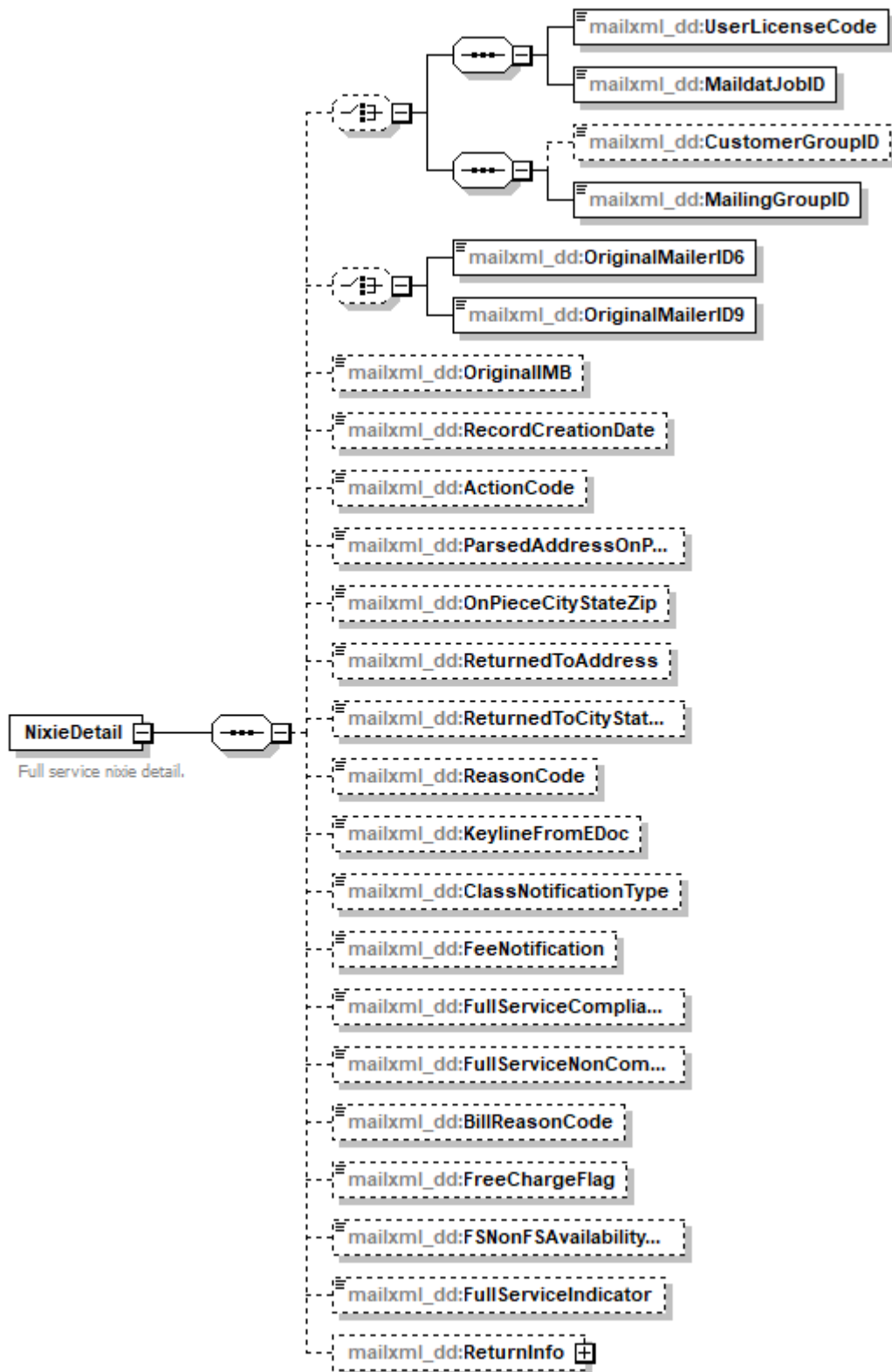


namespace

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

element NixieDetail

diagram



NixieDetail

Full service nixie detail.

namespace

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

annotation	documentation Full service nixie detail.
------------	---

element **NixieDetailDelivery**

diagram	<p>The diagram illustrates the structure of the NixieDetailDelivery element. It is a container element with a solid border and a small square icon. Below the name, it is described as "Delivery from USPS of full service nixie detail." The structure is as follows:</p> <ul style="list-style-type: none">Attributes: A dashed box labeled attributes contains a group of six elements:<ul style="list-style-type: none">grp mailxml_defs:LargeTrans... (solid border, square icon): A group containing six elements:<ul style="list-style-type: none">mailxml_defs:MessageGroupID (dashed border, square icon)mailxml_defs:TotalMessageCou... (dashed border, square icon)mailxml_defs:MessageSerialNu... (dashed border, square icon)mailxml_defs:TransmittedRecor... (dashed border, square icon)mailxml_defs:TotalRecordsAcro... (dashed border, square icon)mailxml_defs:LastMessage (dashed border, square icon)Children: A dashed line with a circle-and-dots connector leads to a dashed box containing five elements:<ul style="list-style-type: none">mailxml_dd:SubmittingParty (dashed border, square icon with a plus sign)mailxml_dd:SubmittingSoftware (dashed border, square icon with a plus sign)mailxml_defs:DataRecipient (dashed border, square icon with a plus sign)mailxml_dd:PushMessageID (dashed border, square icon with a plus sign)mailxml_dd:NixieDetail (dashed border, square icon with a plus sign): This element has a self-referencing arrow and a cardinality of 1..∞ below it. Below this element is the text "Full service nixie detail."
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Delivery from USPS of full service nixie detail.

element NixieDetailNotification

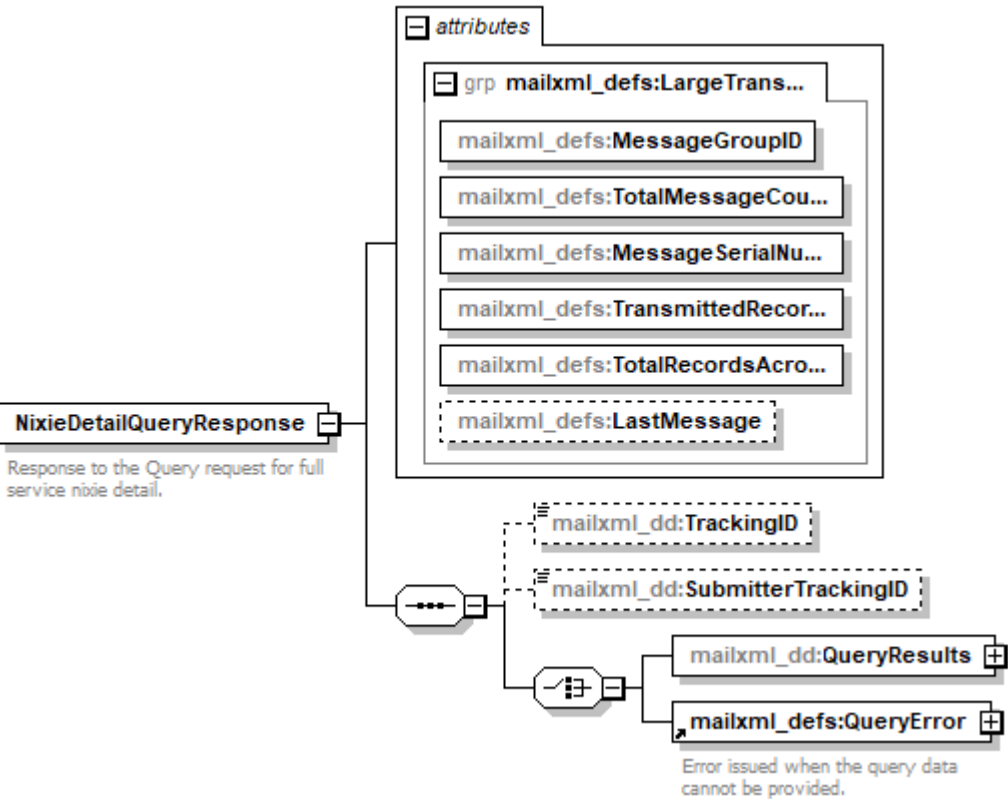
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Notification by USPS that full service nixie detail is ready for pickup.

element NixieDetailQueryRequest

diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Query request for full service nixie detail.

element **NixieDetailQueryResponse**

diagram



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Response to the Query request for full service nixie detail.

element **NonComplianceDataWithPostageOwedQueryRequest**

diagram	<p>NonComplianceDataWithPostageOwedQueryRequest Query request for full service Non Compliance Data reports.</p> <p>mailxml_dd:SubmittingParty (optional)</p> <p>mailxml_dd:SubmittingSoftware (optional)</p> <p>mailxml_dd:SubmitterTrackingID (optional)</p> <p>Choice (optional):</p> <ul style="list-style-type: none"> mailxml_dd:UserLicenseCode, mailxml_dd:MaildatJobID mailxml_dd:CustomerGroupID, mailxml_dd:MailingGroupID <p>mailxml_dd:eDocSenderCRID (optional)</p> <p>mailxml_dd:StartDate</p> <p>mailxml_dd:EndDate</p> <p>mailxml_dd:retrieveDataBy</p> <p>mailxml_dd:VerificationErrorType (1..∞)</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	<p>documentation</p> <p>Query request for full service Non Compliance Data reports.</p>

element **NonComplianceDataWithPostageOwedReportDelivery**

diagram



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

annotation
documentation
Delivery of by / for conflict information from USPS.

element **NonComplianceDataWithPostageOwedReportNotification**

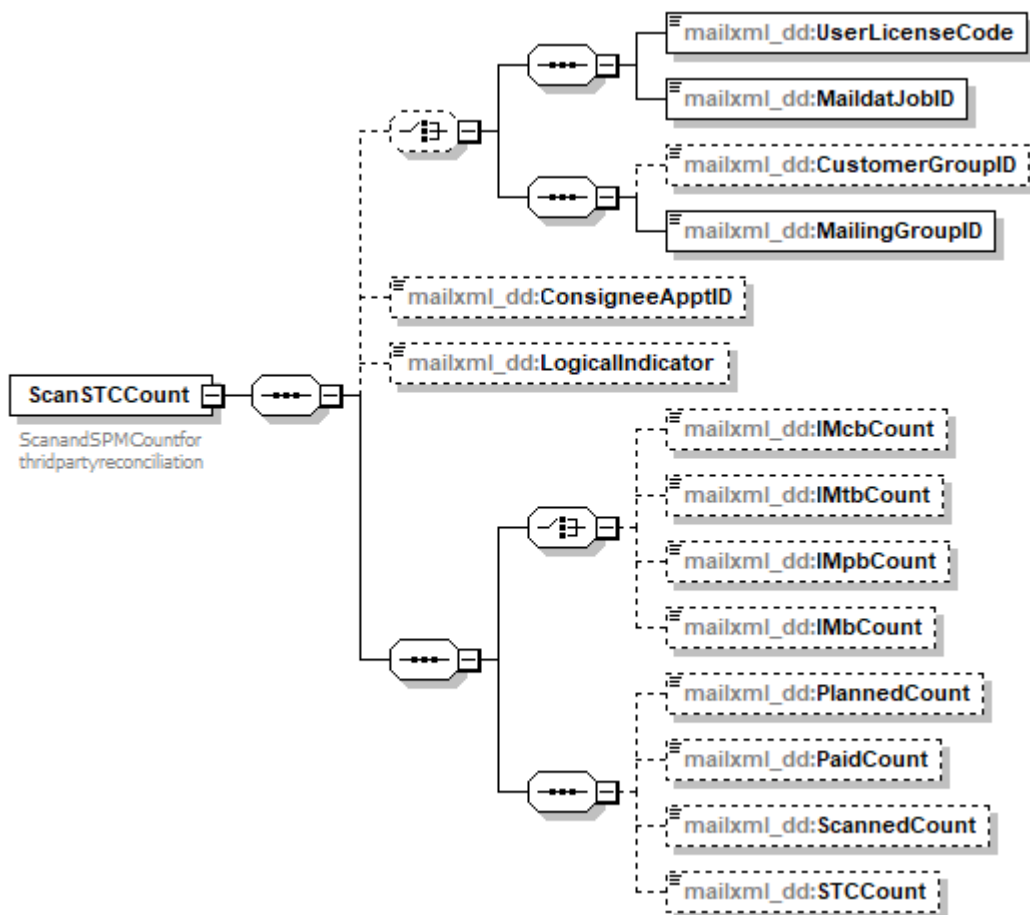
<p>diagram</p>	<p>The diagram illustrates the structure of the NonComplianceDataWithPostageOwedReportNotification element. It is a complex type containing several child elements:</p> <ul style="list-style-type: none"> mailxml_dd:SubmittingParty (required, max 1) mailxml_dd:SubmittingSoftware (required, max 1) mailxml_dd:PushMessageID (required, max 1) mailxml_dd:UserLicenseCode (required, max 1) mailxml_dd:MaildatJobID (required, max 1) mailxml_dd:CustomerGroupID (required, max 1) mailxml_dd:MailingGroupID (required, max 1) mailxml_dd:eDocSenderCRID (required, max 1) mailxml_dd:FNonFSAvailability... (required, max 1) mailxml_dd:NotificationDate (required, max 1) mailxml_dd:AvailableRecordCou... (required, max 1) <p>Notification from USPS that a full service non compliance data report is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	<p>documentation</p> <p>Notification from USPS that a full service non compliance data report is ready for pickup.</p>

element **NonComplianceDataWithPostageOwedReportQueryResponse**

diagram	<p>NonComplianceDataWithPostag...</p> <p>Response to the Request for Full Service Non Compliance Data With Postage Owed Report Query Request</p> <p>attributes</p> <p>grp mailxml_defs:LargeTrans...</p> <p>mailxml_defs:MessageGroupID</p> <p>mailxml_defs:TotalMessageCou...</p> <p>mailxml_defs:Message SerialNu...</p> <p>mailxml_defs:TransmittedRecor...</p> <p>mailxml_defs:TotalRecordsAcro...</p> <p>mailxml_defs:LastMessage</p> <p>mailxml_dd:TrackingID</p> <p>mailxml_dd:SubmitterTrackingID</p> <p>mailxml_dd:QueryResults</p> <p>mailxml_defs:QueryError</p> <p>Error issued when the query data cannot be provided.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	<p>documentation</p> <p>Request</p> <p>Response to the Request for Full Service Non Compliance Data With Postage Owed Report Query</p>

element **ScanSTCCount**

diagram



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

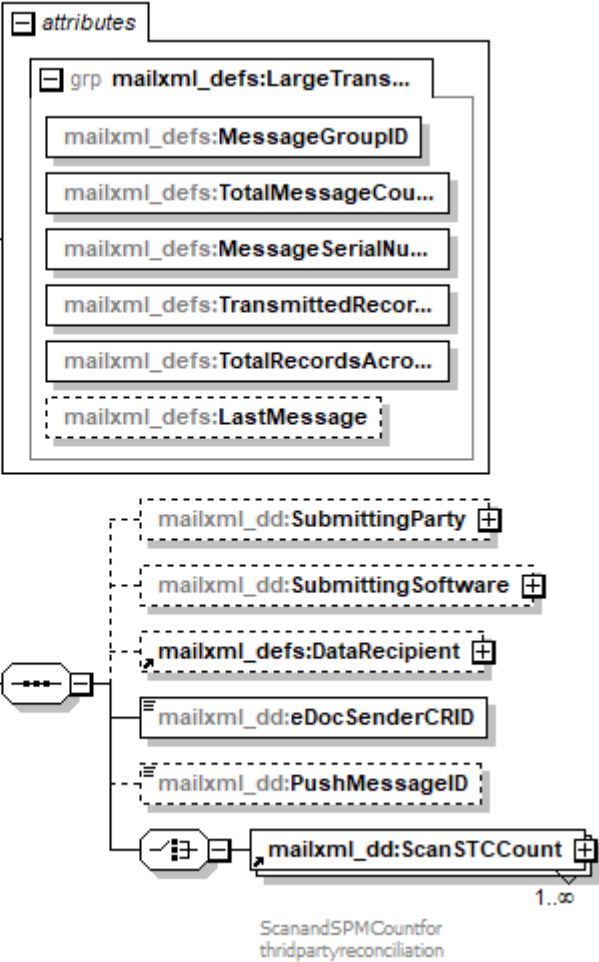
annotation
documentation
ScanandSPMCountfor thridpartyreconciliation

element **ScanSTCReconciliationDelivery**

diagram

ScanSTCReconciliationDelivery

Response to the Query request for for full service container visibility information.



namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Response to the Query request for for full service container visisbility information.

element ScanSTCReconciliationNotification

diagram	<p>Notification sent by USPS that full service container visibility information is ready for pickup.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Notification sent by USPS that full service container visibility information is ready for pickup.

element ScanSTCReconciliationQueryRequest

diagram	<p>Query request for for full service container visibility information.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Query request for for full service container visibility information.

element ScanSTCReconciliationQueryResponse

diagram	<p>The diagram illustrates the structure of the ScanSTCReconciliationQueryResponse element. It is a container element with a box icon. Inside, there is a text description: "Response to the Query request for for full service container visibility information." To the right, a tree structure shows the element's components: <ul style="list-style-type: none"> attributes (indicated by a box icon): <ul style="list-style-type: none"> grp mailxml_defs:LargeTrans... (indicated by a box icon): A group containing six elements: <ul style="list-style-type: none"> mailxml_defs:MessageGroupID mailxml_defs:TotalMessageCou... mailxml_defs:Message SerialNu... mailxml_defs:TransmittedRecor... mailxml_defs:TotalRecordsAcro... mailxml_defs>LastMessage (indicated by a dashed border) mailxml_dd:TrackingID (indicated by a dashed border) mailxml_dd:SubmitterTrackingID (indicated by a dashed border) mailxml_dd:QueryResults (indicated by a box icon) mailxml_defs:QueryError (indicated by a box icon): <ul style="list-style-type: none"> Annotation: "Error issued when the query data cannot be provided." The elements are connected via a sequence of connectors: a box connector, a dashed-line connector, a dashed-line connector, a box connector, and a box connector. </p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd
annotation	documentation Response to the Query request for for full service container visibility information.

element StartTheClockBEMUBlock

diagram	<p>The diagram illustrates the structure of the StartTheClockBEMUBlock element. It is a container element with a box icon. Inside, there is a text description: "StartTheClockBEMUBlock". To the right, a tree structure shows the element's components: <ul style="list-style-type: none"> mailxml_dd:StartTheClockBEMU (indicated by a box icon): <ul style="list-style-type: none"> Annotation: "1..∞" The elements are connected via a sequence of connectors: a box connector, a dashed-line connector, and a box connector. </p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

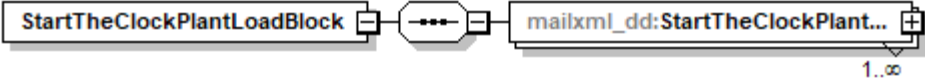
element **StartTheClockDropShipOrOrigin**

diagram




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

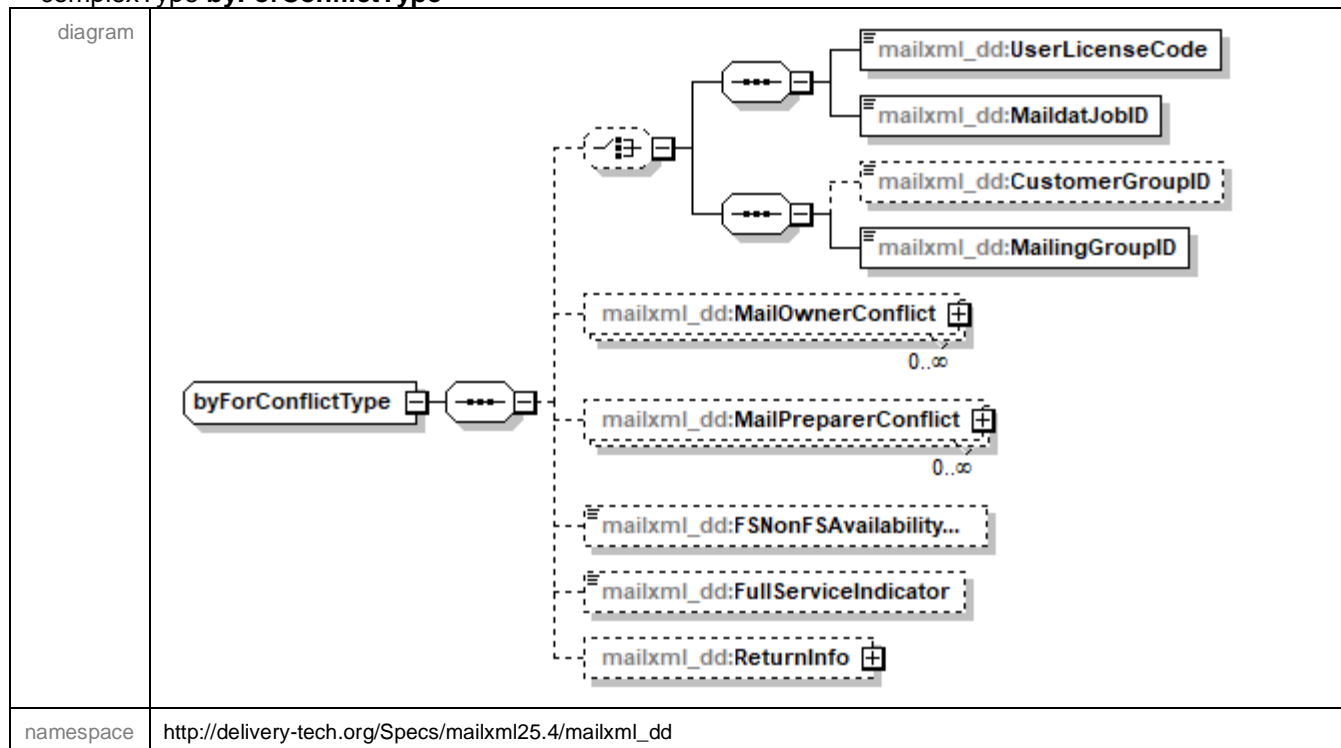
element **StartTheClockPlantLoadBlock**

diagram	 <p>The diagram shows the StartTheClockPlantLoadBlock element connected to a sequence container (rectangle with three dots) which is then connected to the mailxml_dd:StartTheClockPlant... element. The mailxml_dd:StartTheClockPlant... element has a cardinality of 1..∞.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

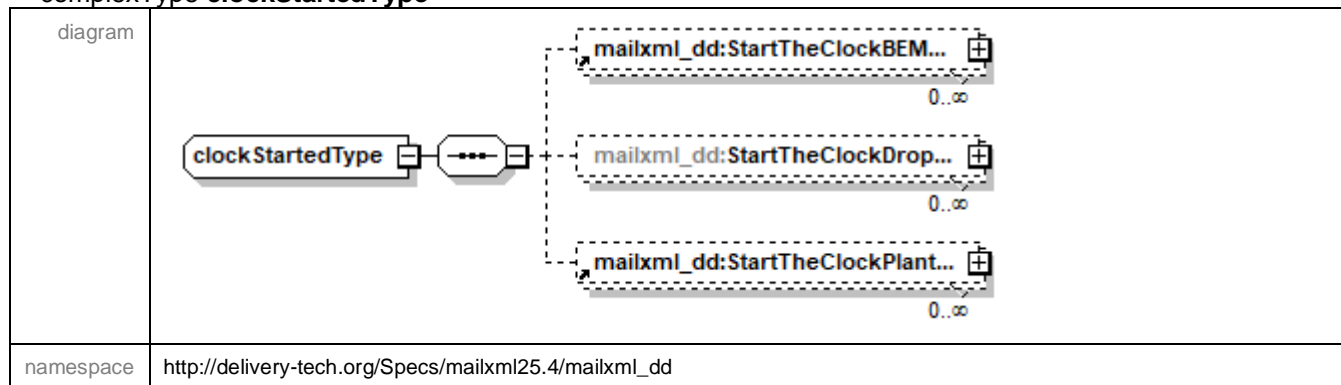
complexType **addressCorrectionAddressType**

diagram	 <p>The diagram shows the addressCorrectionAddressType complex type connected to a sequence container (rectangle with three dots). This container is connected to a list of elements: mailxml_dd:AddressType, mailxml_dd:UrbanizationName, mailxml_dd:PrimaryNumber, mailxml_dd:PreDirectional, mailxml_dd:StreetName, mailxml_dd:StreetSuffix, mailxml_dd:PostDirectional, mailxml_dd:UnitDesignator, mailxml_dd:SecondaryNumber, mailxml_dd:City, and mailxml_dd:State. Below these elements is a choice container (oval with a vertical line) containing three options: mailxml_dd:ZipCode, mailxml_dd:ZipCodePlus4, and mailxml_dd:DeliveryPoint11Digit.... The choice container is connected to a sequence container (rectangle with three dots) which is then connected to the mailxml_dd:ZipCode element.</p>
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

complexType **byForConflictType**



complexType **clockStartedType**



complexType **dqrContainerInfoType**

diagram

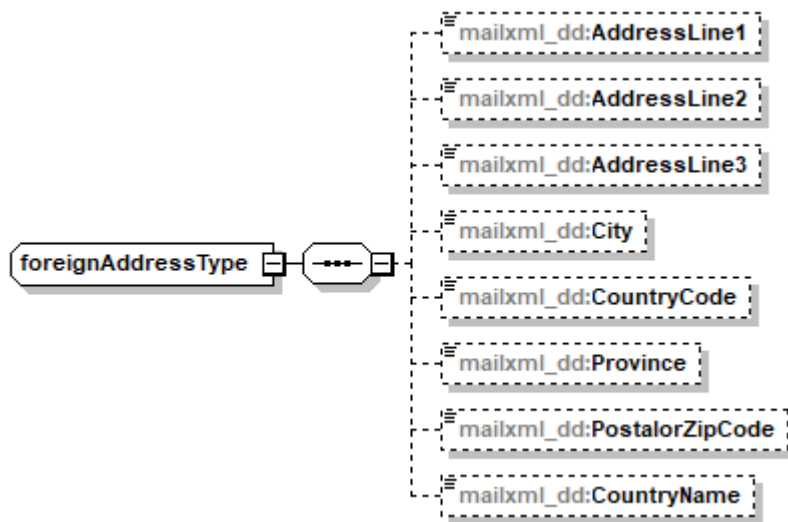


namespace

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

complexType **foreignAddressType**

diagram

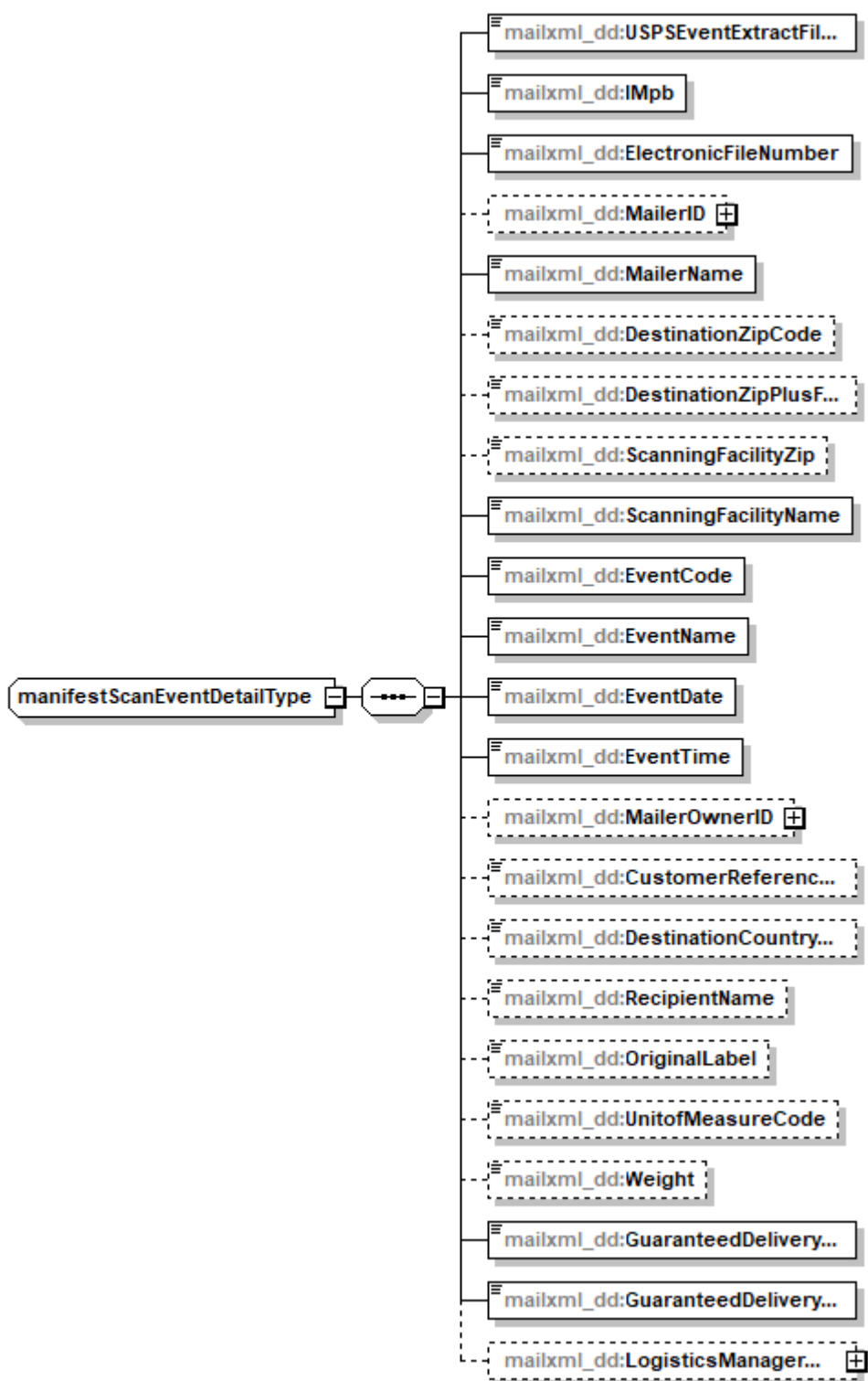


namespace

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

complexType manifestScanEventDetailType

diagram



namespace

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

complexType manifestScanNotificationDataType

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

complexType manifestScanQueryType

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

complexType MPSNotificationDataType

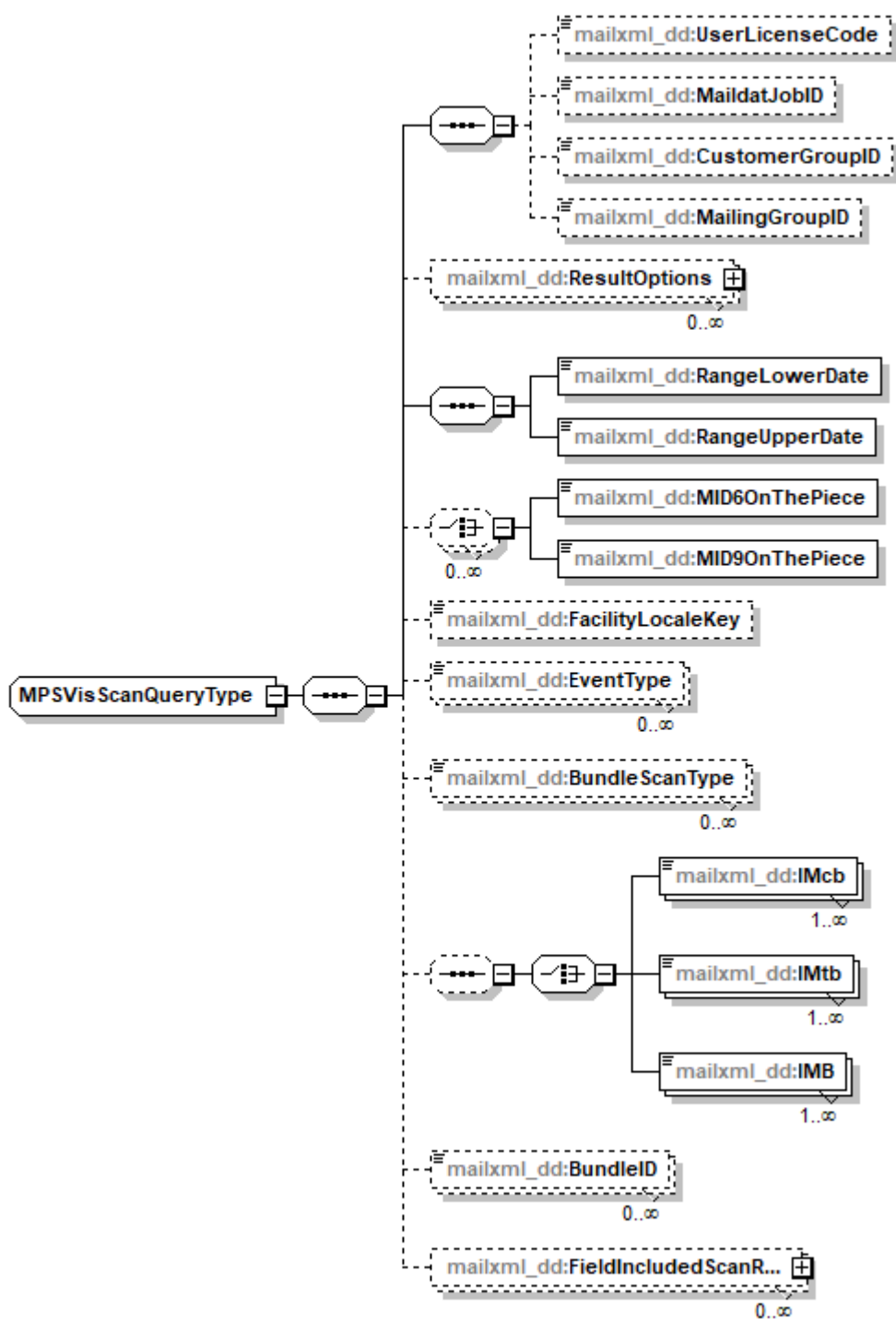
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

complexType MPSRResponseBlockType

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

complexType **MPSVisScanQueryType**

diagram



namespace

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

complexType **newAddressCorrectionAddressType**

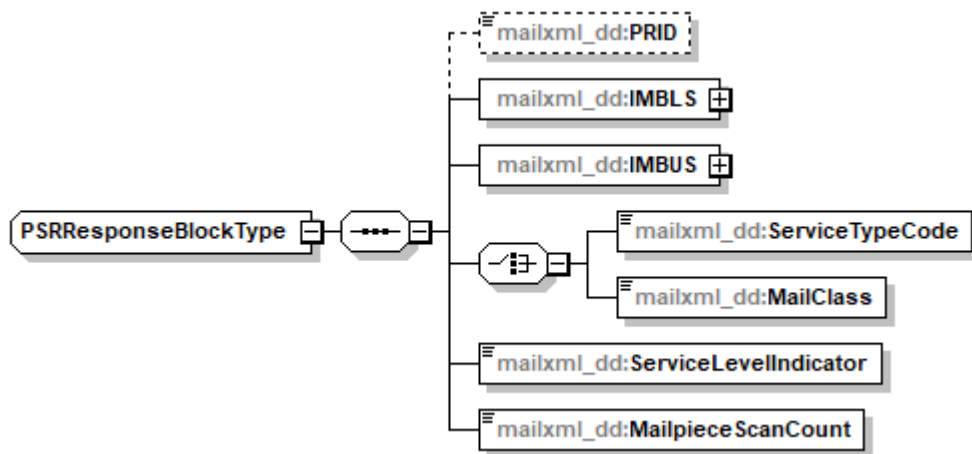
diagram	
namespace	http://delivery-tech.org/Specs/mailxml25.4/mailxml_dd

complexType **nonComplianceDataWithPostageOwedReportType**

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

complexType **PSRResponseBlockType**

diagram



namespace

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

complexType unManifestedScanEventDetailType

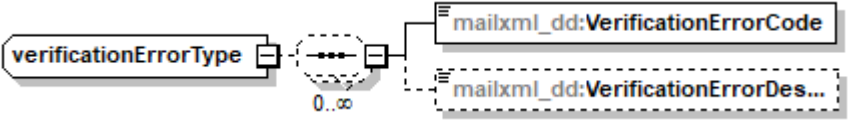
diagram



namespace

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

complexType **verificationErrorType**

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

simpleType **addressCorrectionMoveType**

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

simpleType **addressTypeType**

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

simpleType **containerScanStateType**

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

simpleType **deliverabilityCodeType**

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

simpleType **eDocTypeType**

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

simpleType **primarySecondaryIndicatorType**

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

simpleType **verificationErrorTypeType**

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

simpleType **verificationWarningTypeType**

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

XML Schema documentation generated by [XMLSpy](http://www.altova.com/xmlspy) Schema Editor <http://www.altova.com/xmlspy>