



MailXML Version 19.0

Informed Visibility 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 and to work with FAST.

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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 19.0?

With this release, the Mail.XML Messaging Protocol moves to Version 19.0. This is a MAJOR release. This release supports ongoing USPS modernization and automation efforts for 2015.

Changes supported by MailXML 19.0 include:

- USPS plans to eliminate the Flats Sequencing System (FSS) pricing cells from price tables and postage statements and manage FSS mail preparation through existing mailing standards and labeling lists as outlined in DMM sections 705 and 708. The flats mailings qualify for the prices based on the sortation level and entry location, regardless of entry to FSS or non FSS zones. Destination entered working bundles at an FSS site will receive destination sectional center facility (DSCF) destination entry discounts. This applies to Standard Mail Flats, Periodicals Flats, and Bound Printed Matter Flats. Enumerations that specifically identify “FSS” are removed from the specification.
- The USPS plans to create a process by which mailers can provide additional supporting content (in the form of digital addresses or URLs) that can then be associated and displayed with the scanned images of mail pieces on the USPS Informed Delivery application dashboard, enhancing the customers experience. This applies to letters and flats of all classes.

- The USPS plans to redesign Collect on Delivery (COD) service to require that the package is held at the Retail office under the Hold for Pickup (HFPU) service. COD mail will be held at the Retail offices for recipient to pick up. The existing COD services will be relabeled as “COD HFPU” and “COD HFPU-Restricted Delivery.” This is a documentation change only.
- The USPS plans to add the EntryLocaleKey element to the abstractPeriodicalStatementDataType because the periodical child statements are also being generated by the entry locale key (in addition to the entry Postal code).
- :The USPS plans to require the MailingGroupID in the MailXMLHeaderInfo attribute group as part of cleanup as all current industry users populate this now.

About MailXML Schema Modularization

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

- Transportation Messages (TM)
- Mailing Messages (MM)
- Data Distribution Messages (DD)
- 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.

MailXML Module Versioning Rules

The following versioning rules will be followed:

- The MailXML wrapper schema*.xsd) will always be given the next higher version number (or Errara 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://idealliance.org/Specs/mailxml19.0/mailxml"`
`targetNamespace="http://idealliance.org/Specs/mailxml19.0/mailxml"`
- When updates are made, only those modules that are updated will be given the next higher version number (or Errara 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://idealliance.org/Specs/mailxml15.0A/mailxml" then at least one of the XSDs is at same version such as filename = 'mailxml_15.0.A.xsd' <- Errata A
- If the wrapper version is labeled as
xmlns:mailxml="http://idealliance.org/Specs/mailxml15.0B/mailxml" then at least one of the XSDs is at same version such as filename = 'mailxml_15.0B.xsd' <- Errata B
- If the wrapper version is labeled as
xmlns:mailxml="http://idealliance.org/Specs/mailxml15.0/mailxml" then at least one of the XSDs is at same version such as filename = 'mailxml_15.0.xsd' <- Major Version

MailXML 19.0 XSD Modules:

The following MailXML XSD modules/namespaces are used:

- **mailxml_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=mailxml tm:**
- **mailxml_mm.xsd:** This module contains all the mailing messages (eDoc) and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml mm:**
- **mailxml_iv.xsd:** This module contains informed visibility messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml iv:**
- **mailxml_dd.xsd:** This module contains all the data distribution messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml dd:**
- **mailxml_id.xsd:** This module contains all the identification messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml id:**
- **mailxml_sc.xsd:** This module contains all the supply chain messages and the attributes, elements and complex types that are *unique* to these messages. **Namespace=mailxml sc:**
- **mailxml_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=mailxml defs:**
- **mailxml_base.xsd:** This module contains simple types that are shared across two or more modules that make up mailxml. These can be considered a building block for any message group. **Namespace=mailxml base:**
- **mailxml.xsd:** This module contains the system messages of MailXML and is used to build custom profiles for MailXML. **Namespace=mailxml:**

The Mail.XML™ 19 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 16.0.

Updates in this Specification are NOT backwardly compatible with previous versions. Other documents in the specification set include:

- *Mail.XML™ 19.0: Transportation Messaging Specification* documents all transportation messages
- *Mail.XML™ 19.0: Mailing Messaging Specification* documents all mailing messages
- *Mail.XML™ 19.0: Informed Visibility Specification* documents all informed visibility messages
- *Mail.XML™ 19.0: Data Distribution Messaging Specification* documents all data distribution messages
- *Mail.XML™ 19.0: Identification Messaging Specification* documents all identification messages
- *Mail.XML™ 19.0: Supply Chain Messaging Specification* documents all supply chain messages
- *Mail.XML™ 19.0: System Messaging Specification* documents all systems and fault messages
- *Mail.XML™ 19.0: Simple Types Specification* documents all simple types used across MailXML messages
- *Mail.XML™ 19.0: Common Definitions Specification* documents all shared elements and complex types.
- *Mail.XML™ 19.0: Schemas* contains the .XSDs that make up the MailXML Messaging Specification

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[StartTheClockDelivery](#)
[StartTheClockDropShipOrOrigin](#)
[StartTheClockNotification](#)
[StartTheClockPlantLoadBlock](#)
[StartTheClockQueryRequest](#)
[StartTheClockQueryResponse](#)

Complex types

[clockStartedType](#)
[manifestScanEventDetailType](#)
[manifestScanNotificationDataType](#)
[manifestScanQueryType](#)
[MPSNotificationDataType](#)
[MPSRequestTypeType](#)
[MPSVisScanQueryType](#)
[PSRBlockType](#)
[scanEventQueryTypeType](#)
[ScanEventResultOptionsType](#)

Simple types

[eDocTypeType](#)

2 Elements and Type Definitions

element **ContainerVisibilityDelivery**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ContainerVisibilityEntry					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	optional			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	optional			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	optional			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	optional			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	optional			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Delivery of full service container visibility information by uSPS.					

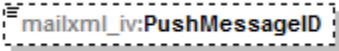
element **ContainerVisibilityDelivery/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

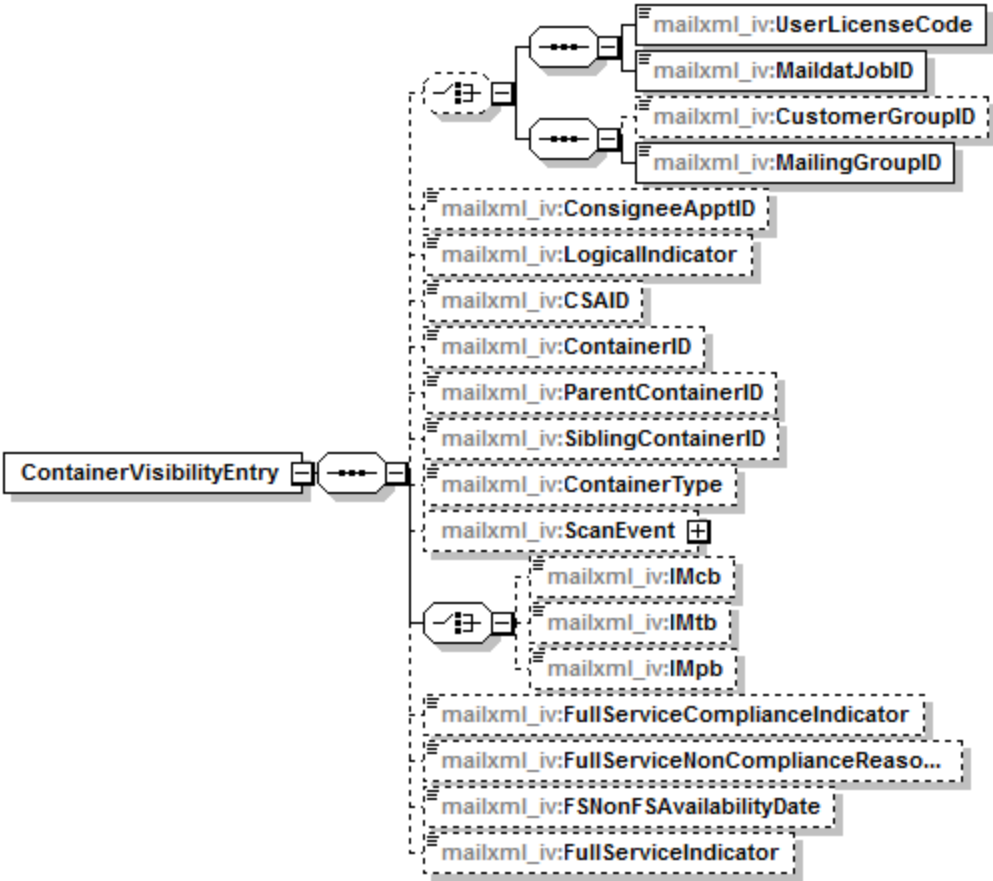
element **ContainerVisibilityDelivery/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				


element **ContainerVisibilityDelivery/PushMessageID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

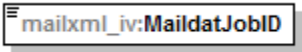
element **ContainerVisibilityEntry**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ConsigneeApptID mailxml_iv:LogicalIndicator mailxml_iv:CSAID mailxml_iv:ContainerID mailxml_iv:ParentContainerID mailxml_iv:SiblingContainerID mailxml_iv:ContainerType mailxml_iv:ScanEvent mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator
used by	elements ContainerVisibilityDelivery ContainerVisibilityQueryResponse/QueryResults

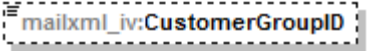
element **ContainerVisibilityEntry/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

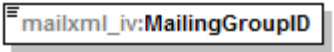
element **ContainerVisibilityEntry/MaildatJobID**

diagram	 The diagram shows the element <code>mailxml_iv:MaildatJobID</code> with a solid border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/CustomerGroupID**

diagram	 The diagram shows the element <code>mailxml_iv:CustomerGroupID</code> with a dashed border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

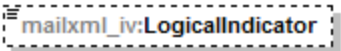
element **ContainerVisibilityEntry/MailingGroupID**

diagram	 The diagram shows the element <code>mailxml_iv:MailingGroupID</code> with a solid border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/ConsigneeApptID**

diagram	 The diagram shows the element <code>mailxml_iv:ConsigneeApptID</code> with a dashed border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/LogicalIndicator**

diagram	 The diagram shows the element <code>mailxml_iv:LogicalIndicator</code> with a dashed border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

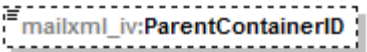
element **ContainerVisibilityEntry/CSAID**

diagram	 The diagram shows the element <code>mailxml_iv:CSAID</code> with a dashed border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

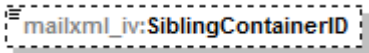
element **ContainerVisibilityEntry/ContainerID**

diagram	 The diagram shows the element <code>mailxml_iv:ContainerID</code> with a dashed border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/ParentContainerID**

diagram	 The diagram shows the element <code>mailxml_iv:ParentContainerID</code> with a dashed border and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

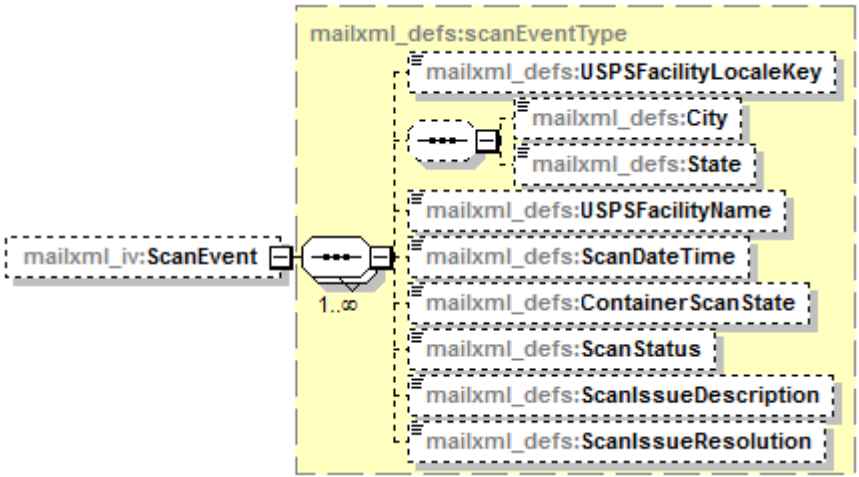
element **ContainerVisibilityEntry/SiblingContainerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/ContainerType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/ScanEvent**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:USPSFacilityLocaleKey mailxml_defs:City mailxml_defs:State mailxml_defs:USPSFacilityName mailxml_defs:ScanDateTime mailxml_defs:ContainerScanState mailxml_defs:ScanStatus mailxml_defs:ScanIssueDescription mailxml_defs:ScanIssueResolution


element **ContainerVisibilityEntry/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

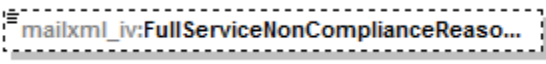
element **ContainerVisibilityEntry/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/FullServiceComplianceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityEntry/FullServiceNonComplianceReasonCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

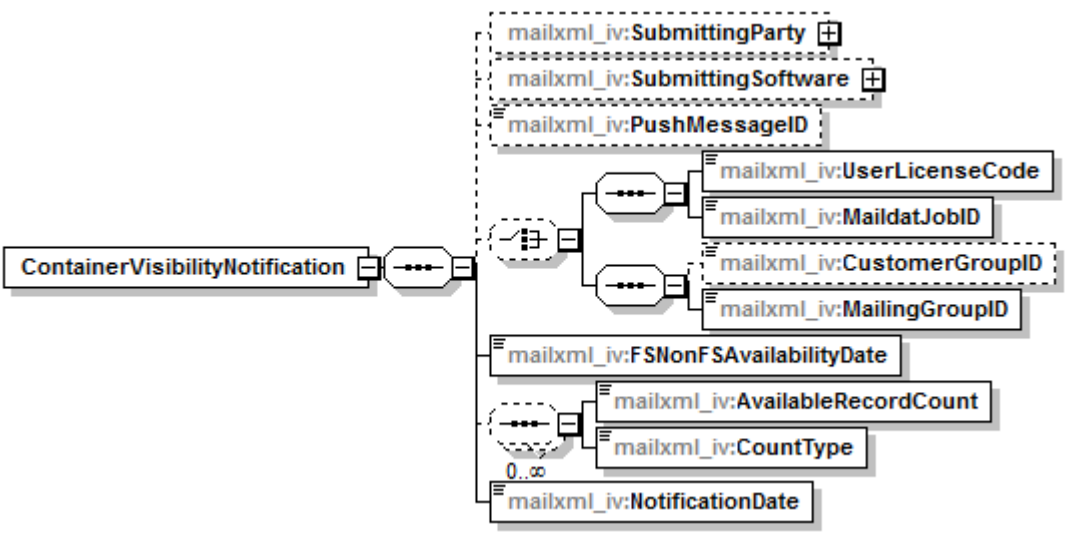
element **ContainerVisibilityEntry/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityEntry/FullServiceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaidatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:AvailableRecordCount mailxml_iv:CountType mailxml_iv:NotificationDate
annotation	documentation Notification sent by USPS that full service container visibility information is ready for pickup.

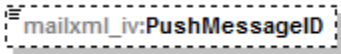
element **ContainerVisibilityNotification/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				


element **ContainerVisibilityNotification/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				


element **ContainerVisibilityNotification/PushMessageID**

diagram	 A diagram showing the element <code>mailxml_iv:PushMessageID</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

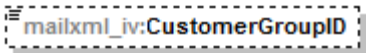
element **ContainerVisibilityNotification/UserLicenseCode**

diagram	 A diagram showing the element <code>mailxml_iv:UserLicenseCode</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityNotification/MaildatJobID**

diagram	 A diagram showing the element <code>mailxml_iv:MaildatJobID</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityNotification/CustomerGroupID**

diagram	 A diagram showing the element <code>mailxml_iv:CustomerGroupID</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityNotification/MailingGroupID**

diagram	 A diagram showing the element <code>mailxml_iv:MailingGroupID</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityNotification/FSNonFSAvailabilityDate**

diagram	 A diagram showing the element <code>mailxml_iv:FSNonFSAvailabilityDate</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityNotification/AvailableRecordCount**

diagram	 A diagram showing the element <code>mailxml_iv:AvailableRecordCount</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

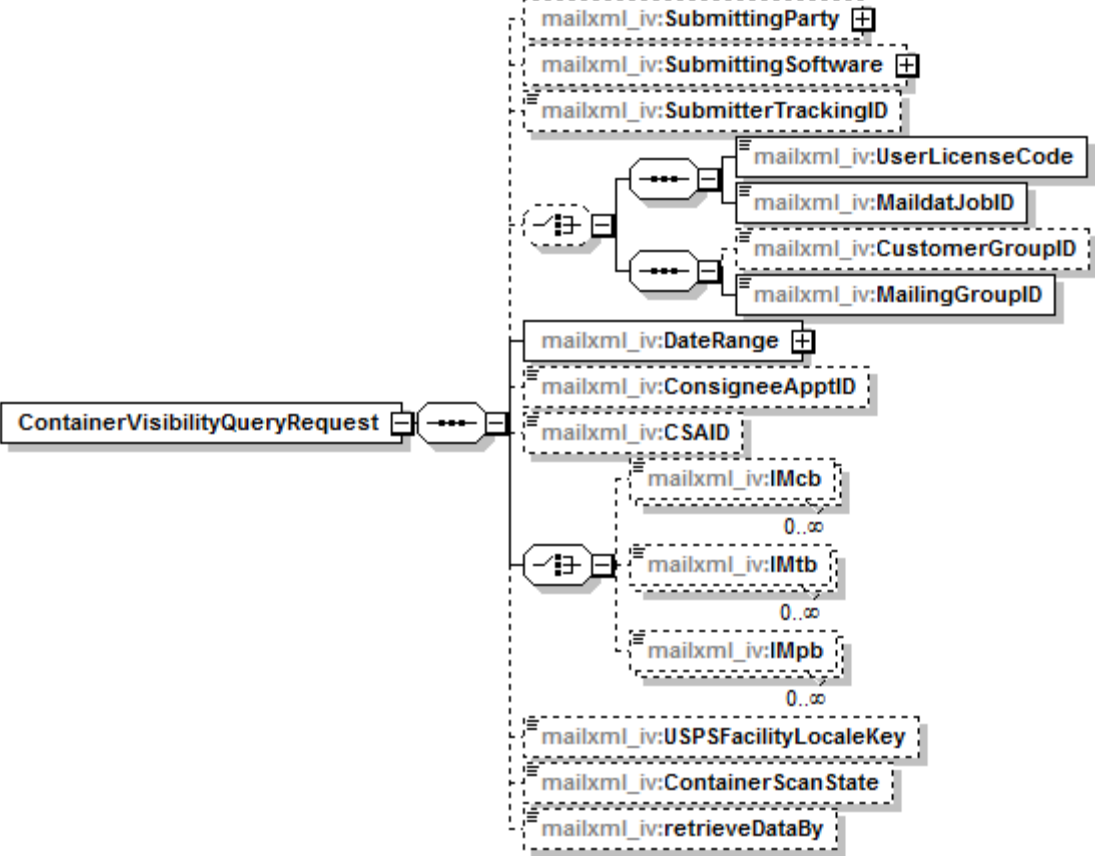
element **ContainerVisibilityNotification/CountType**

diagram	 A diagram showing the element <code>mailxml_iv:CountType</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityQueryRequest**

diagram	 <p>The diagram shows the structure of the ContainerVisibilityQueryRequest element. It is a root element with several child elements and groups:</p> <ul style="list-style-type: none"> A group containing: <ul style="list-style-type: none"> mailxml_iv:SubmittingParty (required, 1..1) mailxml_iv:SubmittingSoftware (required, 1..1) mailxml_iv:SubmitterTrackingID (required, 1..1) A group containing: <ul style="list-style-type: none"> mailxml_iv:UserLicenseCode (required, 1..1) mailxml_iv:MaildatJobID (required, 1..1) mailxml_iv:CustomerGroupID (required, 1..1) mailxml_iv:MailingGroupID (required, 1..1) mailxml_iv:DateRange (required, 1..1) mailxml_iv:ConsigneeApptID (required, 1..1) mailxml_iv:CSAID (required, 1..1) A group containing: <ul style="list-style-type: none"> mailxml_iv:IMcb (optional, 0..∞) mailxml_iv:IMtb (optional, 0..∞) mailxml_iv:IMpb (optional, 0..∞) mailxml_iv:USPSFacilityLocaleKey (required, 1..1) mailxml_iv:Container Scan State (required, 1..1) mailxml_iv:retrieveDataBy (required, 1..1)
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:DateRange mailxml_iv:ConsigneeApptID mailxml_iv:CSAID mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb mailxml_iv:USPSFacilityLocaleKey mailxml_iv:Container Scan State mailxml_iv:retrieveDataBy
annotation	documentation Query request for for full service container visisbility information.

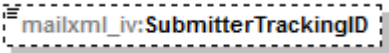
element **ContainerVisibilityQueryRequest/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				


element **ContainerVisibilityQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				


element **ContainerVisibilityQueryRequest/SubmitterTrackingID**

diagram	 A diagram showing the element <code>mailxml_iv:SubmitterTrackingID</code> in a dashed rectangular box with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

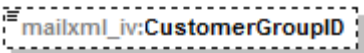
element **ContainerVisibilityQueryRequest/UserLicenseCode**

diagram	 A diagram showing the element <code>mailxml_iv:UserLicenseCode</code> in a solid rectangular box with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityQueryRequest/MaildatJobID**

diagram	 A diagram showing the element <code>mailxml_iv:MaildatJobID</code> in a solid rectangular box with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

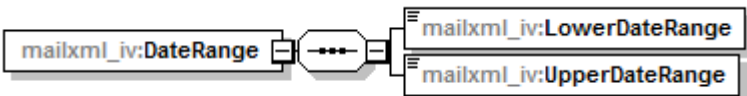
element **ContainerVisibilityQueryRequest/CustomerGroupID**

diagram	 A diagram showing the element <code>mailxml_iv:CustomerGroupID</code> in a dashed rectangular box with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

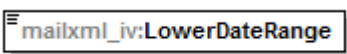
element **ContainerVisibilityQueryRequest/MailingGroupID**

diagram	 A diagram showing the element <code>mailxml_iv:MailingGroupID</code> in a solid rectangular box with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

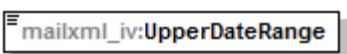
element **ContainerVisibilityQueryRequest/DateRange**

diagram	 A diagram showing the <code>mailxml_iv:DateRange</code> element in a solid box, connected by a dashed line to a container box. Inside the container box are two elements: <code>mailxml_iv:LowerDateRange</code> and <code>mailxml_iv:UpperDateRange</code> , each in its own solid box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange

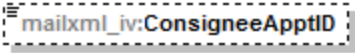
element **ContainerVisibilityQueryRequest/DateRange/LowerDateRange**

diagram	 A diagram showing the element <code>mailxml_iv:LowerDateRange</code> in a solid rectangular box with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityQueryRequest/DateRange/UpperDateRange**

diagram	 A diagram showing the element <code>mailxml_iv:UpperDateRange</code> in a solid rectangular box with a small icon to its left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityQueryRequest/ConsigneeApptID**

diagram	 The diagram shows the element <code>mailxml_iv:ConsigneeApptID</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

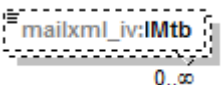
element **ContainerVisibilityQueryRequest/CSAID**

diagram	 The diagram shows the element <code>mailxml_iv:CSAID</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

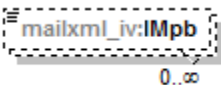
element **ContainerVisibilityQueryRequest/IMcb**

diagram	 The diagram shows the element <code>mailxml_iv:IMcb</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon. Below the box is the cardinality <code>0..∞</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

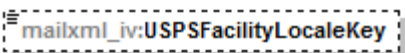
element **ContainerVisibilityQueryRequest/IMtb**

diagram	 The diagram shows the element <code>mailxml_iv:IMtb</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon. Below the box is the cardinality <code>0..∞</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

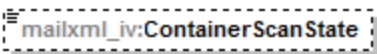
element **ContainerVisibilityQueryRequest/IMpb**

diagram	 The diagram shows the element <code>mailxml_iv:IMpb</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon. Below the box is the cardinality <code>0..∞</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **ContainerVisibilityQueryRequest/USPSFacilityLocaleKey**

diagram	 The diagram shows the element <code>mailxml_iv:USPSFacilityLocaleKey</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityQueryRequest/ContainerScanState**

diagram	 The diagram shows the element <code>mailxml_iv:ContainerScanState</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityQueryRequest/retrieveDataBy**

diagram	 The diagram shows the element <code>mailxml_iv:retrieveDataBy</code> enclosed in a dashed rectangular box. To the left of the box is a small icon consisting of three horizontal lines of increasing length, resembling a document or list icon.
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namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
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element **ContainerVisibilityQueryResponse**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:QueryResults mailxml_defs:QueryError					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	optional			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	optional			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	optional			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	optional			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	optional			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Response to the Query request for for full service container visisbility information.					

element **ContainerVisibilityQueryResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityQueryResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ContainerVisibilityQueryResponse/QueryResults**

diagram	<p>The diagram shows the mailxml_iv:QueryResults element containing a sequence of three child elements: mailxml_defs:LargeTransactionDividerResult, mailxml_iv:ContainerVisibilityEntry, and mailxml_iv:ReturnInfo. The mailxml_iv:QueryResults element has a cardinality of 1..∞, and each child element has a cardinality of 0..∞.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ContainerVisibilityEntry mailxml_iv:ReturnInfo

element **ContainerVisibilityQueryResponse/QueryResults/ReturnInfo**

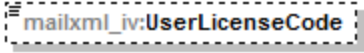
diagram	<p>The diagram shows the mailxml_iv:ReturnInfo element containing a sequence of four child elements: mailxml_defs:ReturnCode, mailxml_defs:ReturnDescription, mailxml_defs:errorWarning, and mailxml_defs:ContainerErrorWarningBlock. The mailxml_iv:ReturnInfo element has a cardinality of 0..∞, and each child element has a cardinality of 0..∞. The child elements are grouped within a yellow shaded area labeled mailxml_defs:basicReturnInfoType.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element **IMbMailpieceScanData**

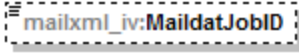
diagram	<p>The diagram shows the IMbMailpiece ScanData element containing a sequence of five child elements: mailxml_iv:UserLicenseCode, mailxml_iv:MaildatJobID, mailxml_iv:CustomerGroupID, mailxml_iv:MailingGroupID, and mailxml_iv:MailBundleCount. The IMbMailpiece ScanData element has a cardinality of 1..∞, and each child element has a cardinality of 1..∞. The child elements are grouped within a yellow shaded area labeled mailxml_iv:IMbMailpieceScanData.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:MailBundleCount mailxml_iv:MPSCCount mailxml_iv:IMcbAndIMtbPiece ScanInfo mailxml_iv:IMcbPiece ScanInfo mailxml_iv:IMtbPiece ScanInfo mailxml_iv:IMb ScanRec

	mailxml_iv:IMcbAndIMtbPieceScanInfo mailxml_iv:IMcbPieceScanInfo mailxml_iv:IMtbPieceScanInfo mailxml_iv:IMbScanRec
used by	elements MPSVisQueryResponse/QueryResults MPSVisDelivery

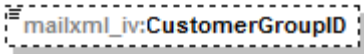
element **IMbMailpieceScanData/UserLicenseCode**

diagram	 A diagram showing the element <code>mailxml_iv:UserLicenseCode</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

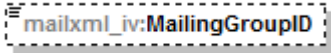
element **IMbMailpieceScanData/MaildatJobID**

diagram	 A diagram showing the element <code>mailxml_iv:MaildatJobID</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

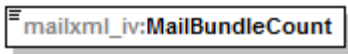
element **IMbMailpieceScanData/CustomerGroupID**

diagram	 A diagram showing the element <code>mailxml_iv:CustomerGroupID</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **IMbMailpieceScanData/MailingGroupID**

diagram	 A diagram showing the element <code>mailxml_iv:MailingGroupID</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

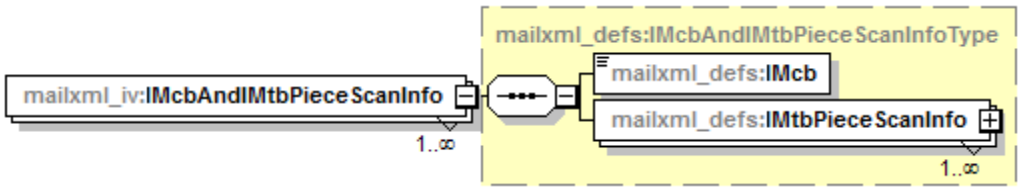
element **IMbMailpieceScanData/MailBundleCount**

diagram	 A diagram showing the element <code>mailxml_iv:MailBundleCount</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

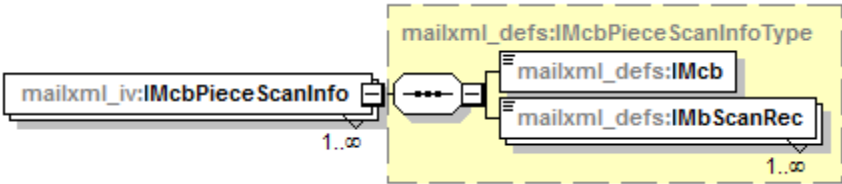
element **IMbMailpieceScanData/MPSCount**

diagram	 A diagram showing the element <code>mailxml_iv:MPSCount</code> in a solid box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

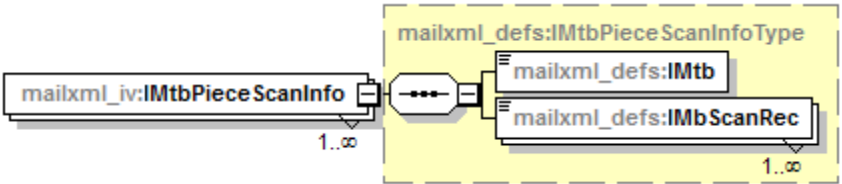
element **IMbMailpieceScanData/IMcbAndIMtbPieceScanInfo**

diagram	 A diagram showing the element <code>mailxml_iv:IMcbAndIMtbPieceScanInfo</code> in a solid box. It is connected to a dashed box containing two elements: <code>mailxml_defs:IMcb</code> and <code>mailxml_defs:IMtbPieceScanInfo</code> . The <code>mailxml_defs:IMcb</code> element is in a solid box, and the <code>mailxml_defs:IMtbPieceScanInfo</code> element is in a dashed box. The diagram also shows a small icon to the left of the main element and a small icon to the right of the <code>mailxml_defs:IMtbPieceScanInfo</code> element. The diagram is labeled with <code>1..∞</code> at the bottom right.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	<code>mailxml_defs:IMcb</code> <code>mailxml_defs:IMtbPieceScanInfo</code>

element **IMbMailpieceScanData/IMcbPieceScanInfo**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:IMcbPieceScanInfo</code> element. It is a container element (rectangle with a small square on the right) that contains a sequence of two child elements: <code>mailxml_defs:IMcb</code> and <code>mailxml_defs:IMbScanRec</code>. The <code>mailxml_defs:IMcb</code> element is a simple leaf element (rectangle). The <code>mailxml_defs:IMbScanRec</code> element is a container element that contains a sequence of <code>mailxml_defs:IMbScanRec</code> elements. The cardinality for the <code>mailxml_iv:IMcbPieceScanInfo</code> element is <code>1..∞</code>. The cardinality for the <code>mailxml_defs:IMbScanRec</code> element is <code>1..∞</code>. The entire structure is enclosed in a dashed yellow box labeled <code>mailxml_defs:IMcbPieceScanInfoType</code>.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	<code>mailxml_defs:IMcb</code> <code>mailxml_defs:IMbScanRec</code>

element **IMbMailpieceScanData/IMtbPieceScanInfo**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:IMtbPieceScanInfo</code> element. It is a container element (rectangle with a small square on the right) that contains a sequence of two child elements: <code>mailxml_defs:IMtb</code> and <code>mailxml_defs:IMbScanRec</code>. The <code>mailxml_defs:IMtb</code> element is a simple leaf element (rectangle). The <code>mailxml_defs:IMbScanRec</code> element is a container element that contains a sequence of <code>mailxml_defs:IMbScanRec</code> elements. The cardinality for the <code>mailxml_iv:IMtbPieceScanInfo</code> element is <code>1..∞</code>. The cardinality for the <code>mailxml_defs:IMbScanRec</code> element is <code>1..∞</code>. The entire structure is enclosed in a dashed yellow box labeled <code>mailxml_defs:IMtbPieceScanInfoType</code>.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	<code>mailxml_defs:IMtb</code> <code>mailxml_defs:IMbScanRec</code>

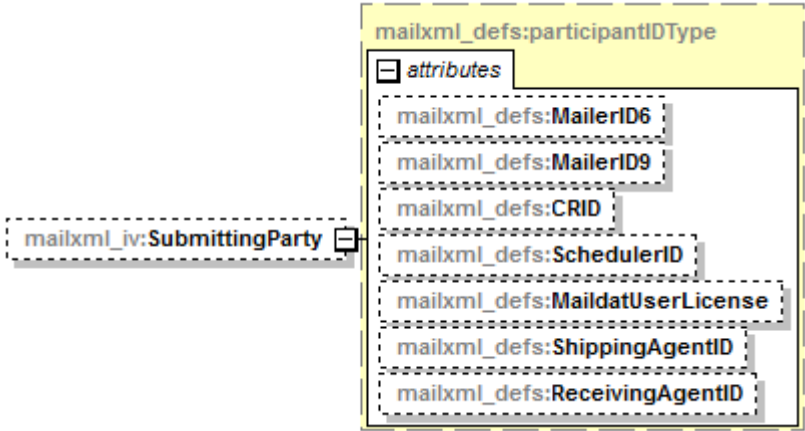
element **IMbMailpieceScanData/IMbScanRec**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:IMbScanRec</code> element. It is a container element (rectangle with a small square on the right) that contains a sequence of <code>mailxml_defs:IMbScanRec</code> elements. The cardinality for the <code>mailxml_iv:IMbScanRec</code> element is <code>1..∞</code>.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

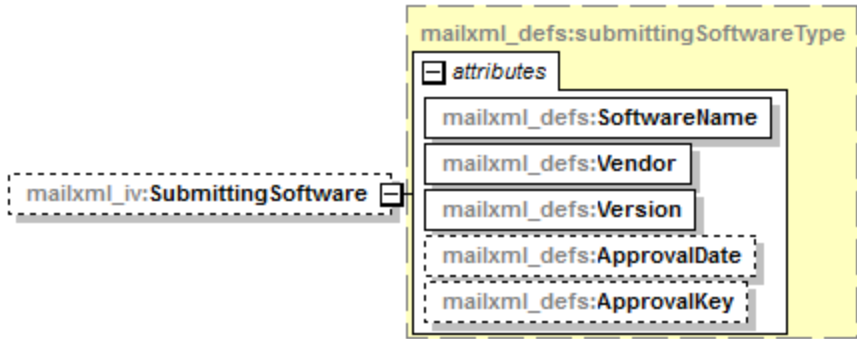
element **MPSVisDelivery**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:AssumedScans mailxml_iv:eDocType mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:IMbMailpieceScanData mailxml_iv:ManifestScanEvent mailxml_iv:UnManifestedScanEventDetail					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	optional			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	optional			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	optional			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	optional			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	optional			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Delivery of the Mail Piece Scanned Data to customer by USPS.					

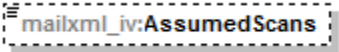
element **MPSVisDelivery/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				


element **MPSVisDelivery/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

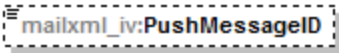
element **MPSVisDelivery/AssumedScans**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

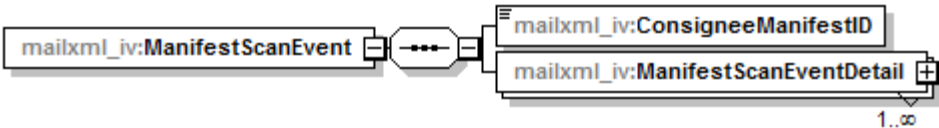
element **MPSVisDelivery/eDocType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **MPSVisDelivery/PushMessageID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisDelivery/ManifestScanEvent**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml iv:ConsigneeManifestID mailxml iv:ManifestScanEventDetail

element **MPSVisDelivery/ManifestScanEvent/ConsigneeManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail**

diagram	<pre> sequenceDiagram participant MS as mailxml_iv:ManifestScanEventDetail participant MSED as mailxml_iv:ManifestScanEventDetailType MS --> MSED : 1..∞ MSED --> E1 as mailxml_iv:USPSEventExtractFileVersionNum... MSED --> E2 as mailxml_iv:IMpb MSED --> E3 as mailxml_iv:ElectronicFileNumber MSED --> E4 as mailxml_iv:MailerID MSED --> E5 as mailxml_iv:MailerName MSED --> E6 as mailxml_iv:DestinationZipCode MSED --> E7 as mailxml_iv:DestinationZipPlusFour MSED --> E8 as mailxml_iv:ScanningFacilityZip MSED --> E9 as mailxml_iv:ScanningFacilityName MSED --> E10 as mailxml_iv:EventCode MSED --> E11 as mailxml_iv:EventName MSED --> E12 as mailxml_iv:EventDate MSED --> E13 as mailxml_iv:EventTime MSED --> E14 as mailxml_iv:MailerOwnerID MSED --> E15 as mailxml_iv:CustomerReferenceID MSED --> E16 as mailxml_iv:DestinationCountryCode MSED --> E17 as mailxml_iv:RecipientName MSED --> E18 as mailxml_iv:OriginalLabel MSED --> E19 as mailxml_iv:UnitofMeasureCode MSED --> E20 as mailxml_iv:Weight MSED --> E21 as mailxml_iv:GuaranteedDeliveryDate MSED --> E22 as mailxml_iv:GuaranteedDeliveryTime MSED --> E23 as mailxml_iv:LogisticsManagerMailerID </pre>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID

element **MPSVisDelivery/UnManifestedScanEventDetail**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID

element **MPSVisNotification**

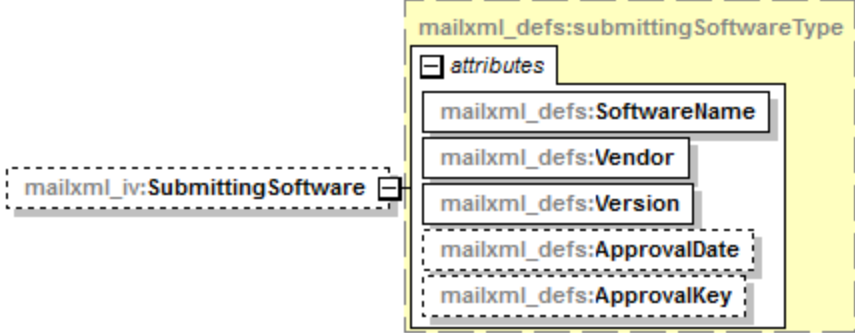
diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:AssumedScans mailxml_iv:eDocType mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:AvailableRecordCount mailxml_iv:NotificationDate mailxml_iv:MPSNotificationData mailxml_iv:ManifestScanNotification
annotation	documentation Notification from USPS that the Mail Piece Scanned Data is ready.

element **MPSVisNotification/SubmittingParty**

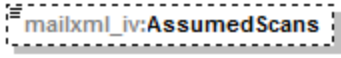
diagram	<p>The diagram shows a tree structure for the <code>mailxml_iv:SubmittingParty</code> element. It is a dashed box containing a solid box labeled <code>mailxml_defs:participantIDType</code>. Inside this solid box is a dashed box labeled <code>attributes</code>. The <code>attributes</code> box contains seven child elements, each in a dashed box: <code>mailxml_defs:MailertID6</code>, <code>mailxml_defs:MailertID9</code>, <code>mailxml_defs:CRID</code>, <code>mailxml_defs:SchedulerID</code>, <code>mailxml_defs:MaildatUserLicense</code>, <code>mailxml_defs:ShippingAgentID</code>, and <code>mailxml_defs:ReceivingAgentID</code>. A line with a connector at the top and a connector at the bottom connects the <code>mailxml_iv:SubmittingParty</code> box to the <code>attributes</code> box.</p>					
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	<code>mailxml_defs:MailertID6</code>	<code>mailxml_base:mailertID6Type</code>				
	<code>mailxml_defs:MailertID9</code>	<code>mailxml_base:mailertID9Type</code>				

mailxml_defs:CRID	mailxml_base:CRIDType
mailxml_defs:SchedulerID	mailxml_base:s12
mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType
mailxml_defs:ShippingAgentID	mailxml_base:s12
mailxml_defs:ReceivingAgentID	mailxml_base:s12

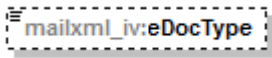
element MPSVisNotification/SubmittingSoftware

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				


element MPSVisNotification/AssumedScans

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

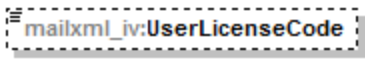
element MPSVisNotification/eDocType

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

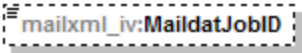
element MPSVisNotification/PushMessageID

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

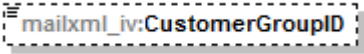
element MPSVisNotification/UserLicenseCode

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

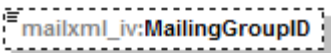
element **MPSVisNotification/MaildatJobID**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:MaildatJobID</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **MPSVisNotification/CustomerGroupID**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:CustomerGroupID</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **MPSVisNotification/MailingGroupID**

diagram	 A dashed rectangular box containing the text <code>mailxml_iv:MailingGroupID</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

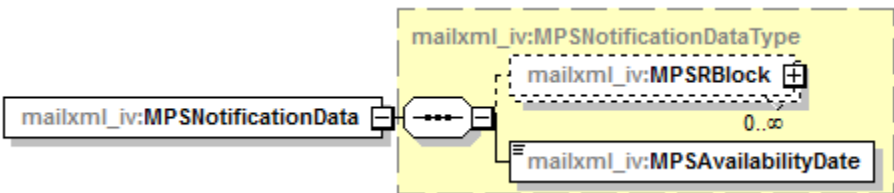
element **MPSVisNotification/AvailableRecordCount**

diagram	 A solid rectangular box containing the text <code>mailxml_iv:AvailableRecordCount</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

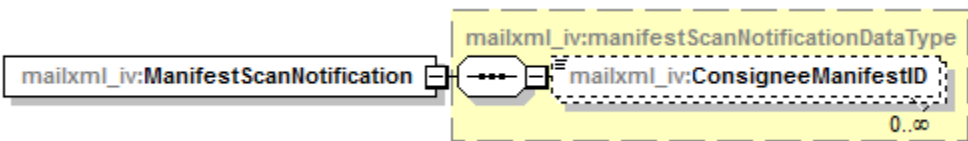
element **MPSVisNotification/NotificationDate**

diagram	 A solid rectangular box containing the text <code>mailxml_iv:NotificationDate</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisNotification/MPSNotificationData**

diagram	 A diagram showing the <code>mailxml_iv:MPSNotificationData</code> element (solid box) connected to a dashed box labeled <code>mailxml_iv:MPSNotificationDataType</code> . Inside this dashed box, there is a dashed box for <code>mailxml_iv:MPSRBlock</code> with a plus sign and a multiplicity of <code>0..∞</code> , and a solid box for <code>mailxml_iv:MPSAvailabilityDate</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate

element **MPSVisNotification/ManifestScanNotification**

diagram	 A diagram showing the <code>mailxml_iv:ManifestScanNotification</code> element (solid box) connected to a dashed box labeled <code>mailxml_iv:manifestScanNotificationDataType</code> . Inside this dashed box, there is a dashed box for <code>mailxml_iv:ConsigneeManifestID</code> with a multiplicity of <code>0..∞</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

children	mailxml_iv:ConsigneeManifestID
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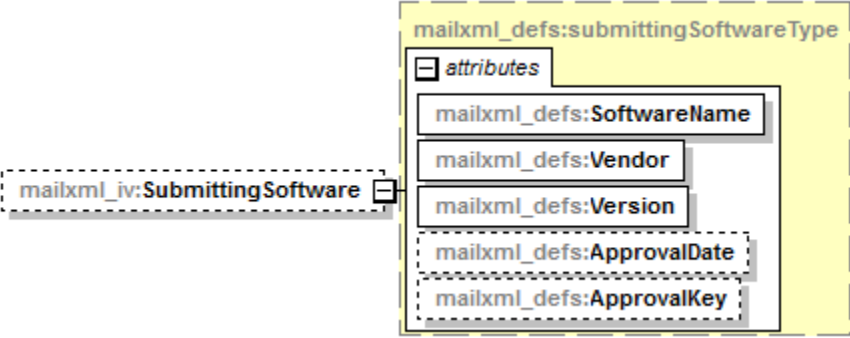
element **MPSVisQueryRequest**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ManifestScanQuery mailxml_iv:MPSVisScanQueryType mailxml_iv:RetrieveDataBy

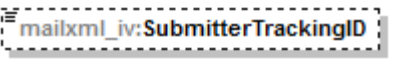
element **MPSVisQueryRequest/SubmittingParty**

diagram																																																	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv																																																
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>mailxml_defs:MailerID6</td><td>mailxml_base:mailerID6Type</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MailerID9</td><td>mailxml_base:mailerID9Type</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:CRID</td><td>mailxml_base:CRIDType</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:SchedulerID</td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MaildatUserLicense</td><td>mailxml_base:userLicenseCodeType</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:ShippingAgentID</td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:ReceivingAgentID</td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	mailxml_defs:MailerID6	mailxml_base:mailerID6Type					mailxml_defs:MailerID9	mailxml_base:mailerID9Type					mailxml_defs:CRID	mailxml_base:CRIDType					mailxml_defs:SchedulerID	mailxml_base:s12					mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType					mailxml_defs:ShippingAgentID	mailxml_base:s12					mailxml_defs:ReceivingAgentID	mailxml_base:s12				
Name	Type	Use	Default	Fixed	Annotation																																												
mailxml_defs:MailerID6	mailxml_base:mailerID6Type																																																
mailxml_defs:MailerID9	mailxml_base:mailerID9Type																																																
mailxml_defs:CRID	mailxml_base:CRIDType																																																
mailxml_defs:SchedulerID	mailxml_base:s12																																																
mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType																																																
mailxml_defs:ShippingAgentID	mailxml_base:s12																																																
mailxml_defs:ReceivingAgentID	mailxml_base:s12																																																

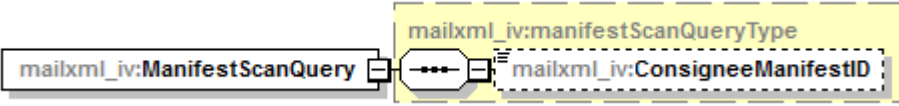
element **MPSVisQueryRequest/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

element **MPSVisQueryRequest/SubmitterTrackingID**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

element **MPSVisQueryRequest/ManifestScanQuery**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
children	mailxml_iv:ConsigneeManifestID					

element **MPSVisQueryRequest/MPSVisScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

element **MPSVisQueryRequest/RetrieveDataBy**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisQueryResponse**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:eDocType mailxml_iv:QueryResults mailxml_defs:QueryError					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	required			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	required			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	required			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	required			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	required			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		

element **MPSVisQueryResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisQueryResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisQueryResponse/eDocType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisQueryResponse/QueryResults**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ReturnInfo mailxml_iv:IMbMailpieceScanData mailxml_iv:ManifestScanEvent mailxml_iv:UnManifestedScanEventDetail

element **MPSVisQueryResponse/QueryResults/ReturnInfo**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID mailxml_iv:ManifestScanEventDetail

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent/ConsigneeManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisQueryResponse/QueryResults/ManifestScanEvent/ManifestScanEventDetail**

<p>diagram</p>	
<p>namespace</p>	<p>http://idealliance.org/Specs/mailxml19.0/mailxml_iv</p>
<p>children</p>	<p> mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID </p>

element **MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID

element **StartTheClockBMEUBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEU

used by	complexType clockStartedType
---------	--

element **StartTheClockBMEUBlock/StartTheClockBMEU**


diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:PublicationNumber mailxml_iv:MailClass mailxml_iv:ProcessingCategory mailxml_iv:OriginFacilityName mailxml_iv:OriginFacilityLocaleKey mailxml_iv:ArrivalDateTime mailxml_iv:StartTheClockDate mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ContainerID mailxml_iv:ContainerType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb

element **StartTheClockBMEUBlock/StartTheClockBMEU/UserLicenseCode**


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

namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
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element **StartTheClockBMEUBlock/StartTheClockBMEU/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

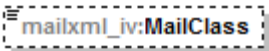
element **StartTheClockBMEUBlock/StartTheClockBMEU/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

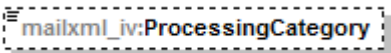
element **StartTheClockBMEUBlock/StartTheClockBMEU/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/MailClass**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

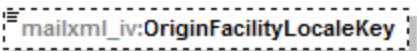
element **StartTheClockBMEUBlock/StartTheClockBMEU/ProcessingCategory**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/OriginFacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/ArrivalDateTime**

diagram	 A diagram showing the element <code>mailxml_iv:ArrivalDateTime</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

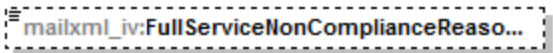
element **StartTheClockBMEUBlock/StartTheClockBMEU/StartTheClockDate**

diagram	 A diagram showing the element <code>mailxml_iv:StartTheClockDate</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

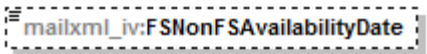
element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceComplianceIndicator**

diagram	 A diagram showing the element <code>mailxml_iv:FullServiceComplianceIndicator</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceNonComplianceReasonCode**

diagram	 A diagram showing the element <code>mailxml_iv:FullServiceNonComplianceReasonCode</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/FSNonFSAvailabilityDate**

diagram	 A diagram showing the element <code>mailxml_iv:FSNonFSAvailabilityDate</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/FullServiceIndicator**

diagram	 A diagram showing the element <code>mailxml_iv:FullServiceIndicator</code> in a dashed box with a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

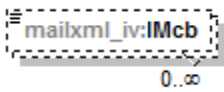
element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerID**

diagram	 A diagram showing the element <code>mailxml_iv:ContainerID</code> in a dashed box with a small icon to the left. Below the box is the cardinality <code>0..∞</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockBMEUBlock/StartTheClockBMEU/ContainerType**

diagram	 A diagram showing the element <code>mailxml_iv:ContainerType</code> in a dashed box with a small icon to the left. Below the box is the cardinality <code>0..∞</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockBMEUBlock/StartTheClockBMEU/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

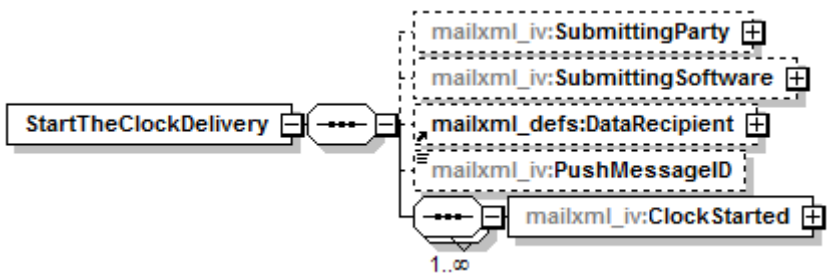
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

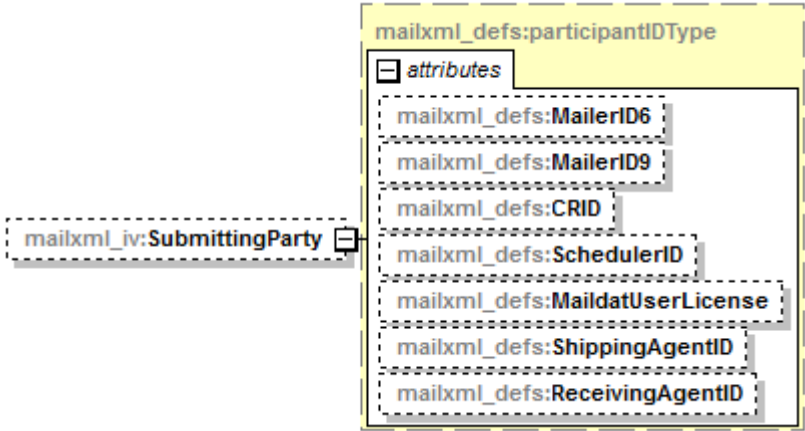
element **StartTheClockBMEUBlock/StartTheClockBMEU/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

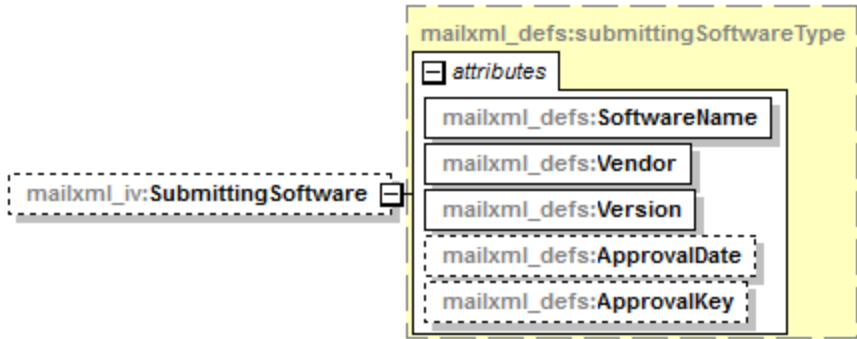
element **StartTheClockDelivery**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:ClockStarted
annotation	documentation Delivery of start the clock information to customer by USPS.

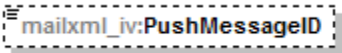
element **StartTheClockDelivery/SubmittingParty**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

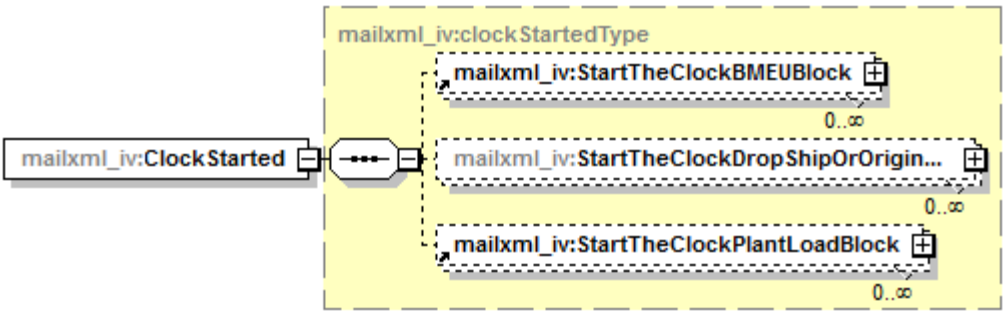
element **StartTheClockDelivery/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

element **StartTheClockDelivery/PushMessageID**

diagram	 A diagram showing a dashed rectangular box containing the text "mailxml_iv:PushMessageID".
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockDelivery/ClockStarted**


diagram	 A diagram showing a dashed rectangular box containing the text "mailxml_iv:clockStartedType". Inside this box, there are three dashed rectangular boxes, each containing a text label and a plus sign icon. The labels are "mailxml_iv:StartTheClockBMEUBlock", "mailxml_iv:StartTheClockDropShipOrOrigin...", and "mailxml_iv:StartTheClockPlantLoadBlock". Each of these three boxes has a "0..∞" cardinality indicator. To the left of the dashed box, there is a solid rectangular box containing the text "mailxml_iv:ClockStarted". A line with a plus sign icon connects the "mailxml_iv:ClockStarted" box to the dashed box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock

element **StartTheClockDropShipOrOrigin**


diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID

	mailxml_iv:MailingGroupID mailxml_iv:ConsigneeApptID mailxml_iv:CSADispatchNumber mailxml_iv:PublicationNumber mailxml_iv:MailClass mailxml_iv:ProcessingCategory mailxml_iv:DropShipYesNo mailxml_iv:UspsFacilityName mailxml_iv:UspsFacilityLocaleKey mailxml_iv:City mailxml_iv:State mailxml_iv:ApptDateTime mailxml_iv:ArrivalDateTime mailxml_iv:UnloadStartDateTime mailxml_iv:UnloadEndDateTime mailxml_iv:ApptStatus mailxml_iv:StartTheClockDate mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ContainerID mailxml_iv:ContainerType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb
used by	element clockStartedType/StartTheClockDropShipOrOriginBlock

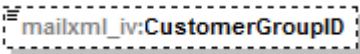
element **StartTheClockDropShipOrOrigin/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

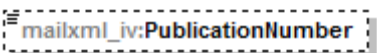
element **StartTheClockDropShipOrOrigin/ConsigneeApptID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

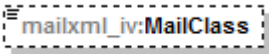
element **StartTheClockDropShipOrOrigin/CSADispatchNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

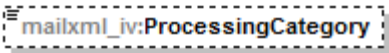
element **StartTheClockDropShipOrOrigin/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/MailClass**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/ProcessingCategory**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

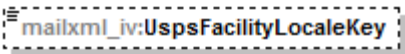
element **StartTheClockDropShipOrOrigin/DropShipYesNo**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/UspsFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/UspsFacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

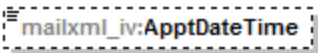
element **StartTheClockDropShipOrOrigin/City**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/State**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/ApptDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

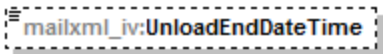
element **StartTheClockDropShipOrOrigin/ArrivalDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

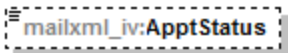
element **StartTheClockDropShipOrOrigin/UnloadStartDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/UnloadEndDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/ApptStatus**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockDropShipOrOrigin/StartTheClockDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

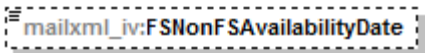
element **StartTheClockDropShipOrOrigin/FullServiceComplianceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

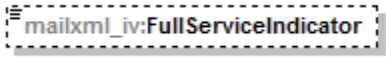
element **StartTheClockDropShipOrOrigin/FullServiceNonComplianceReasonCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockDropShipOrOrigin/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

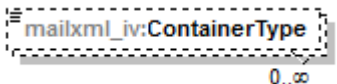
element **StartTheClockDropShipOrOrigin/FullServiceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

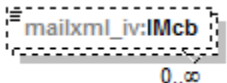
element **StartTheClockDropShipOrOrigin/ContainerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

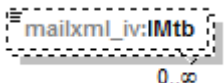
element **StartTheClockDropShipOrOrigin/ContainerType**

diagram	
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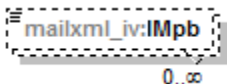
element **StartTheClockDropShipOrOrigin/IMcb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockDropShipOrOrigin/IMtb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockDropShipOrOrigin/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockNotification**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_defs:DataRecipient mailxml_iv:PushMessageID mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:NotificationDate
annotation	documentation Notification from USPS that start the clock information is ready to be picked up.

element **StartTheClockNotification/SubmittingParty**

diagram																																																	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv																																																
attributes	<table><thead><tr><th>Name</th><th>Type</th><th>Use</th><th>Default</th><th>Fixed</th><th>Annotation</th></tr></thead><tbody><tr><td>mailxml_defs:MailerID6</td><td>mailxml_base:mailerID6Type</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MailerID9</td><td>mailxml_base:mailerID9Type</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:CRID</td><td>mailxml_base:CRIDType</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:SchedulerID</td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:MaildatUserLicense</td><td>mailxml_base:userLicenseCodeType</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:ShippingAgentID</td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr><tr><td>mailxml_defs:ReceivingAgentID</td><td>mailxml_base:s12</td><td></td><td></td><td></td><td></td></tr></tbody></table>	Name	Type	Use	Default	Fixed	Annotation	mailxml_defs:MailerID6	mailxml_base:mailerID6Type					mailxml_defs:MailerID9	mailxml_base:mailerID9Type					mailxml_defs:CRID	mailxml_base:CRIDType					mailxml_defs:SchedulerID	mailxml_base:s12					mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType					mailxml_defs:ShippingAgentID	mailxml_base:s12					mailxml_defs:ReceivingAgentID	mailxml_base:s12				
Name	Type	Use	Default	Fixed	Annotation																																												
mailxml_defs:MailerID6	mailxml_base:mailerID6Type																																																
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mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType																																																
mailxml_defs:ShippingAgentID	mailxml_base:s12																																																
mailxml_defs:ReceivingAgentID	mailxml_base:s12																																																

element **StartTheClockNotification/SubmittingSoftware**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			
	mailxml_defs:Version	xs:string	required			
	mailxml_defs:ApprovalDate	xs:date				
	mailxml_defs:ApprovalKey	xs:string				

element **StartTheClockNotification/PushMessageID**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

element **StartTheClockNotification/UserLicenseCode**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

element **StartTheClockNotification/MaildatJobID**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					


element **StartTheClockNotification/CustomerGroupID**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					


element **StartTheClockNotification/MailingGroupID**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					

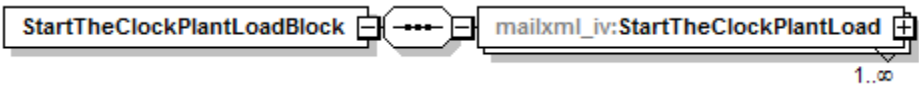
element **StartTheClockNotification/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockNotification/NotificationDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockPlantLoadBlock**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:StartTheClockPlantLoad
used by	complexType clockStartedType


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:PublicationNumber mailxml_iv:CSADispatchNumber mailxml_iv:MailClass mailxml_iv:ProcessingCategory mailxml_iv:OriginFacilityName mailxml_iv:OriginFacilityLocaleKey mailxml_iv:MailReleasedDateTime mailxml_iv:StartTheClockDate mailxml_iv:FullServiceComplianceIndicator mailxml_iv:FullServiceNonComplianceReasonCode mailxml_iv:FSNonFSAvailabilityDate mailxml_iv:FullServiceIndicator mailxml_iv:ContainerID mailxml_iv:ContainerType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMpb

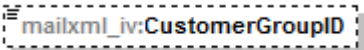
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

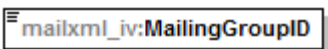
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

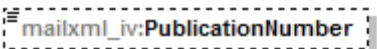
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

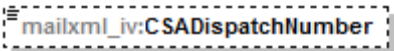
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

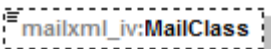
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/PublicationNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

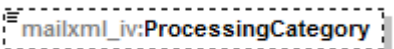
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/CSADispatchNumber**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

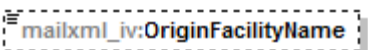
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailClass**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

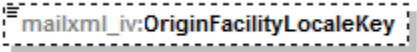
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ProcessingCategory**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

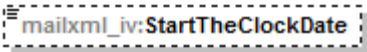
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/OriginFacilityLocaleKey**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/MailReleasedDateTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

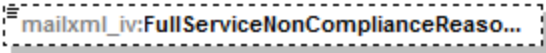
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/StartTheClockDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceComplianceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

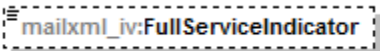
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceNonComplianceReasonCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FSNonFSAvailabilityDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

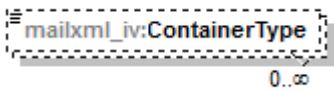
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/FullServiceIndicator**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/ContainerType**

diagram	 A dashed box containing the text 'mailxml_iv:ContainerType' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

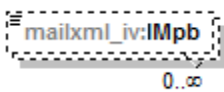
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMcb**

diagram	 A dashed box containing the text 'mailxml_iv:IMcb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

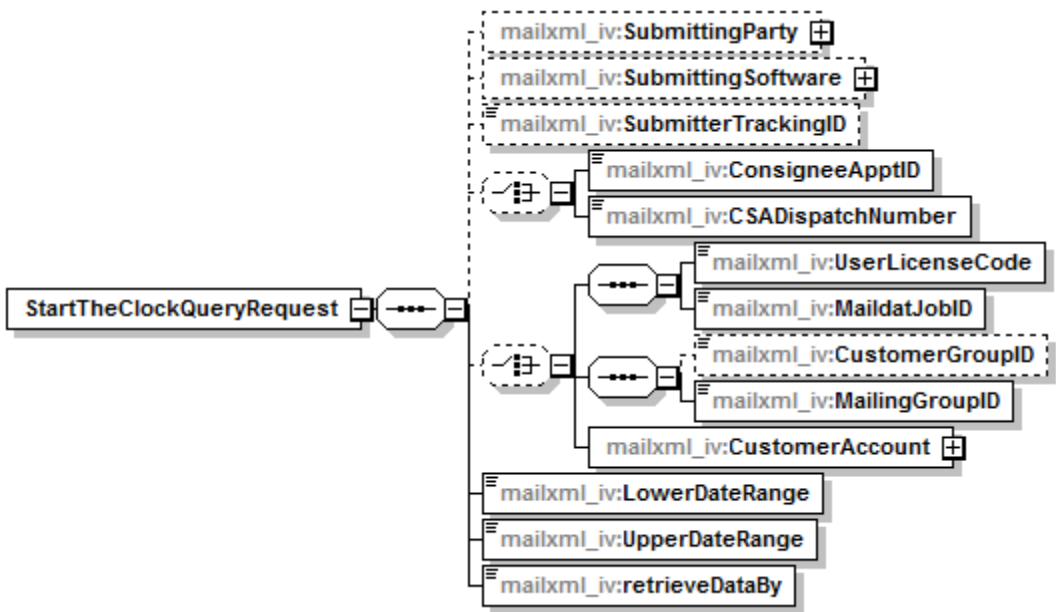
element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMtb**

diagram	 A dashed box containing the text 'mailxml_iv:IMtb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockPlantLoadBlock/StartTheClockPlantLoad/IMpb**

diagram	 A dashed box containing the text 'mailxml_iv:IMpb' with a multiplicity of '0..∞' below it.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockQueryRequest**

diagram	 A complex diagram showing the structure of the 'StartTheClockQueryRequest' element. The root element is 'StartTheClockQueryRequest'. It has several child elements: 'mailxml_iv:SubmittingParty' (dashed box), 'mailxml_iv:SubmittingSoftware' (dashed box), 'mailxml_iv:SubmitterTrackingID' (dashed box), 'mailxml_iv:ConsigneeApptID' (solid box), 'mailxml_iv:CSADispatchNumber' (solid box), 'mailxml_iv:UserLicenseCode' (solid box), 'mailxml_iv:MaildatJobID' (solid box), 'mailxml_iv:CustomerGroupID' (dashed box), 'mailxml_iv:MailingGroupID' (solid box), 'mailxml_iv:CustomerAccount' (solid box), 'mailxml_iv:LowerDateRange' (solid box), 'mailxml_iv:UpperDateRange' (solid box), and 'mailxml_iv:retrieveDataBy' (solid box). The diagram uses various symbols to indicate relationships and multiplicities.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

children	mailxml_iv:SubmittingParty mailxml_iv:SubmittingSoftware mailxml_iv:SubmitterTrackingID mailxml_iv:ConsigneeApptID mailxml_iv:CSADispatchNumber mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:CustomerAccount mailxml_iv:LowerDateRange mailxml_iv:UpperDateRange mailxml_iv:retrieveDataBy
annotation	documentation Query request for start the clock information.

element **StartTheClockQueryRequest/SubmittingParty**

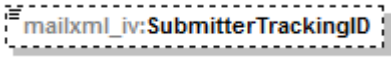
diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MailerID6	mailxml_base:mailerID6Type				
	mailxml_defs:MailerID9	mailxml_base:mailerID9Type				
	mailxml_defs:CRID	mailxml_base:CRIDType				
	mailxml_defs:SchedulerID	mailxml_base:s12				
	mailxml_defs:MaildatUserLicense	mailxml_base:userLicenseCodeType				
	mailxml_defs:ShippingAgentID	mailxml_base:s12				
	mailxml_defs:ReceivingAgentID	mailxml_base:s12				

element **StartTheClockQueryRequest/SubmittingSoftware**


diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:SoftwareName	xs:string	required			
	mailxml_defs:Vendor	xs:string	required			

	mailxml_defs:Version	xs:string	required
	mailxml_defs:ApprovalDate	xs:date	
	mailxml_defs:ApprovalKey	xs:string	

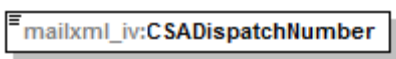
element StartTheClockQueryRequest/SubmitterTrackingID

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text 'mailxml_iv:SubmitterTrackingID' is written in a blue font. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a document or a list.		
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv		


element StartTheClockQueryRequest/ConsigneeApptID

diagram	 The diagram shows a rectangular box with a solid border. Inside the box, the text 'mailxml_iv:ConsigneeApptID' is written in a blue font. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a document or a list.		
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv		


element StartTheClockQueryRequest/CSADispatchNumber

diagram	 The diagram shows a rectangular box with a solid border. Inside the box, the text 'mailxml_iv:CSADispatchNumber' is written in a blue font. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a document or a list.		
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv		

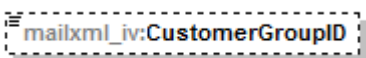
element StartTheClockQueryRequest/UserLicenseCode

diagram	 The diagram shows a rectangular box with a solid border. Inside the box, the text 'mailxml_iv:UserLicenseCode' is written in a blue font. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a document or a list.		
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv		

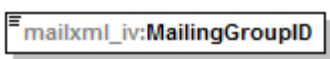
element StartTheClockQueryRequest/MaildatJobID

diagram	 The diagram shows a rectangular box with a solid border. Inside the box, the text 'mailxml_iv:MaildatJobID' is written in a blue font. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a document or a list.		
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv		

element StartTheClockQueryRequest/CustomerGroupID

diagram	 The diagram shows a rectangular box with a dashed border. Inside the box, the text 'mailxml_iv:CustomerGroupID' is written in a blue font. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a document or a list.		
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv		

element StartTheClockQueryRequest/MailingGroupID

diagram	 The diagram shows a rectangular box with a solid border. Inside the box, the text 'mailxml_iv:MailingGroupID' is written in a blue font. To the left of the box, there is a small icon consisting of three horizontal lines of increasing length, resembling a document or a list.		
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv		

element **StartTheClockQueryRequest/CustomerAccount**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:PermitNumber mailxml_defs:PaymentAccountNumber mailxml_defs:PermitType mailxml_defs:PermitZip4 mailxml_defs:PublicationNumber mailxml_defs:PaymentAccountNumber

element **StartTheClockQueryRequest/LowerDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockQueryRequest/UpperDateRange**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockQueryRequest/retrieveDataBy**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockQueryResponse**

diagram						
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv					
children	mailxml_iv:TrackingID mailxml_iv:SubmitterTrackingID mailxml_iv:QueryResults mailxml_defs:QueryError					
attributes	Name	Type	Use	Default	Fixed	Annotation
	mailxml_defs:MessageGroupID	mailxml_base:s20	required			
	mailxml_defs:TotalMessageCount	xs:positiveInteger	required			
	mailxml_defs:MessageSerialNumber	xs:positiveInteger	required			
	mailxml_defs:TransmittedRecordCount	xs:positiveInteger	required			
	mailxml_defs:TotalRecordsAcrossMessages	xs:positiveInteger	required			
	mailxml_defs:LastMessage	mailxml_base:yesNo	optional	No		
annotation	documentation Response to the query for start the clock information.					

element **StartTheClockQueryResponse/TrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockQueryResponse/SubmitterTrackingID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **StartTheClockQueryResponse/QueryResults**

diagram	
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namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:LargeTransactionDividerResult mailxml_iv:ClockStarted mailxml_iv:ReturnInfo

element StartTheClockQueryResponse/QueryResults/ClockStarted

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock


element StartTheClockQueryResponse/QueryResults/ReturnInfo

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:ReturnCode mailxml_defs:ReturnDescription mailxml_defs:errorWarning mailxml_defs:ContainerErrorWarningBlock


complexType clockStartedType

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:StartTheClockBMEUBlock mailxml_iv:StartTheClockDropShipOrOriginBlock mailxml_iv:StartTheClockPlantLoadBlock
used by	elements StartTheClockDelivery/ClockStarted StartTheClockQueryResponse/QueryResults/ClockStarted

element **clockStartedType/StartTheClockDropShipOrOriginBlock**


diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:StartTheClockDropShipOrOrigin

complexType **manifestScanEventDetailType**


diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:USPSEventExtractFileVersionNumber mailxml_iv:IMpb mailxml_iv:ElectronicFileNumber mailxml_iv:MailerID mailxml_iv:MailerName mailxml_iv:DestinationZipCode mailxml_iv:DestinationZipPlusFour mailxml_iv:ScanningFacilityZip mailxml_iv:ScanningFacilityName mailxml_iv:EventCode mailxml_iv:EventName mailxml_iv:EventDate mailxml_iv:EventTime mailxml_iv:MailerOwnerID mailxml_iv:CustomerReferenceID mailxml_iv:DestinationCountryCode mailxml_iv:RecipientName mailxml_iv:OriginalLabel mailxml_iv:UnitofMeasureCode mailxml_iv:Weight mailxml_iv:GuaranteedDeliveryDate mailxml_iv:GuaranteedDeliveryTime mailxml_iv:LogisticsManagerMailerID

used by	elements MPSVisDelivery/ManifestScanEvent/ManifestScanEventDetail MPSVisQueryResponse/QueryResults/ManifestScanEvent/ManifestScanEventDetail MPSVisDelivery/UnManifestedScanEventDetail MPSVisQueryResponse/QueryResults/UnManifestedScanEventDetail
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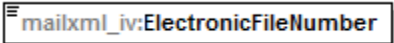
element manifestScanEventDetailType/USPSEventExtractFileVersionNumber

diagram	 A diagram showing the element <code>mailxml_iv:USPSEventExtractFileVersionNum...</code> in a box with a dashed border.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

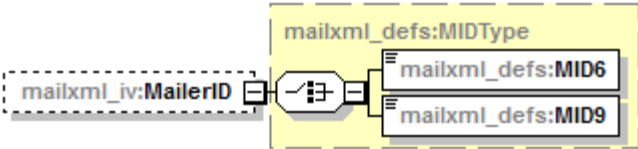
element manifestScanEventDetailType/IMpb

diagram	 A diagram showing the element <code>mailxml_iv:IMpb</code> in a box with a dashed border.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

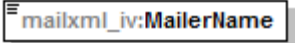
element manifestScanEventDetailType/ElectronicFileNumber

diagram	 A diagram showing the element <code>mailxml_iv:ElectronicFileNumber</code> in a box with a dashed border.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

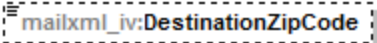
element manifestScanEventDetailType/MailerID

diagram	 A diagram showing the element <code>mailxml_iv:MailerID</code> in a dashed box, connected to a box labeled <code>mailxml_defs:MIDType</code> . Inside <code>mailxml_defs:MIDType</code> are two sub-elements: <code>mailxml_defs:MID6</code> and <code>mailxml_defs:MID9</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	<code>mailxml_defs:MID6</code> <code>mailxml_defs:MID9</code>

element manifestScanEventDetailType/MailerName

diagram	 A diagram showing the element <code>mailxml_iv:MailerName</code> in a box with a dashed border.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

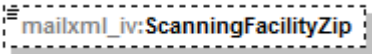
element manifestScanEventDetailType/DestinationZipCode

diagram	 A diagram showing the element <code>mailxml_iv:DestinationZipCode</code> in a dashed box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element manifestScanEventDetailType/DestinationZipPlusFour

diagram	 A diagram showing the element <code>mailxml_iv:DestinationZipPlusFour</code> in a dashed box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **manifestScanEventDetailType/ScanningFacilityZip**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **manifestScanEventDetailType/ScanningFacilityName**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

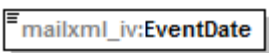
element **manifestScanEventDetailType/EventCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **manifestScanEventDetailType/EventName**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

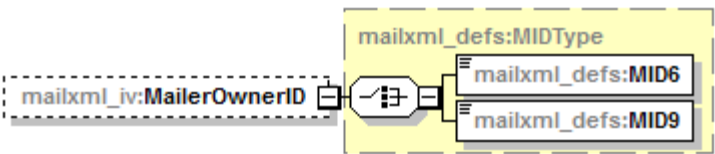
element **manifestScanEventDetailType/EventDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **manifestScanEventDetailType/EventTime**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **manifestScanEventDetailType/MailerOwnerID**

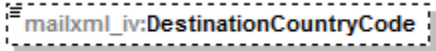
diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:MID6 mailxml_defs:MID9

element **manifestScanEventDetailType/CustomerReferenceID**

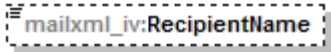
diagram	
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namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
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element manifestScanEventDetailType/DestinationCountryCode

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

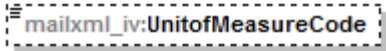
element manifestScanEventDetailType/RecipientName

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element manifestScanEventDetailType/OriginalLabel

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

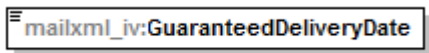
element manifestScanEventDetailType/UnitofMeasureCode

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element manifestScanEventDetailType/Weight

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

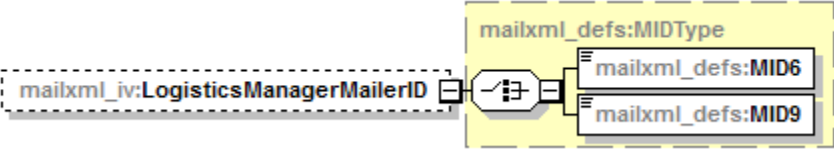
element manifestScanEventDetailType/GuaranteedDeliveryDate

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

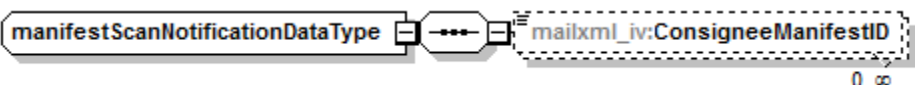
element manifestScanEventDetailType/GuaranteedDeliveryTime

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **manifestScanEventDetailType/LogisticsManagerMailerID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:MID6 mailxml_defs:MID9

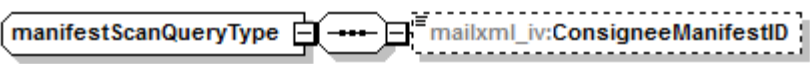
complexType **manifestScanNotificationDataType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisNotification/ManifestScanNotification


element **manifestScanNotificationDataType/ConsigneeManifestID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

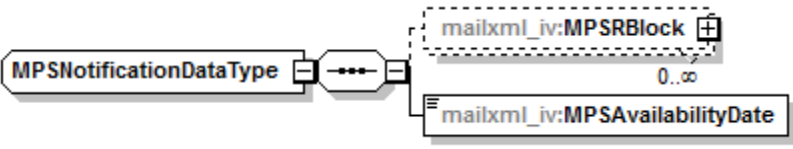
complexType **manifestScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:ConsigneeManifestID
used by	element MPSVisQueryRequest/ManifestScanQuery

element **manifestScanQueryType/ConsigneeManifestID**

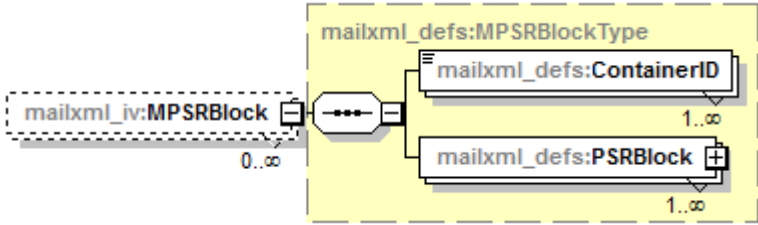
diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

complexType **MPSNotificationDataType**

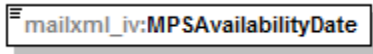
diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:MPSRBlock mailxml_iv:MPSAvailabilityDate

used by	element MPSVisNotification/MPSNotificationData
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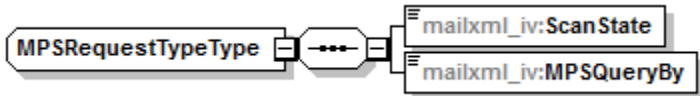
element **MPSNotificationDataType/MPSRBlock**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:MPSRBlock</code> element. It is a dashed box containing a sequence of elements. The first element is <code>mailxml_defs:MPSRBlockType</code>, which is a solid box containing two sub-elements: <code>mailxml_defs:ContainerID</code> and <code>mailxml_defs:PSRBlock</code>. The <code>mailxml_defs:ContainerID</code> element has a cardinality of <code>1..∞</code>. The <code>mailxml_defs:PSRBlock</code> element has a cardinality of <code>1..∞</code>. The <code>mailxml_iv:MPSRBlock</code> element itself has a cardinality of <code>0..∞</code>.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	<code>mailxml_defs:ContainerID</code> <code>mailxml_defs:PSRBlock</code>


element **MPSNotificationDataType/MPSAvailabilityDate**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:MPSAvailabilityDate</code> element, which is a solid box containing a single element.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


complexType **MPSRequestTypeType**

diagram	 <p>The diagram shows the structure of the <code>MPSRequestTypeType</code> complex type. It is a solid box containing two elements: <code>mailxml_iv:ScanState</code> and <code>mailxml_iv:MPSQueryBy</code>.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:ScanState mailxml_iv:MPSQueryBy

element **MPSRequestTypeType/ScanState**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:ScanState</code> element, which is a solid box containing a single element.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSRequestTypeType/MPSQueryBy**

diagram	 <p>The diagram shows the structure of the <code>mailxml_iv:MPSQueryBy</code> element, which is a solid box containing a single element.</p>
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

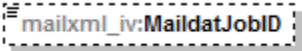
complexType **MPSVisScanQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag
used by	element MPSVisQueryRequest/MPSVisScanQueryType

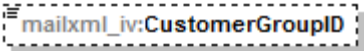
element **MPSVisScanQueryType/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

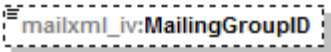
element **MPSVisScanQueryType/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

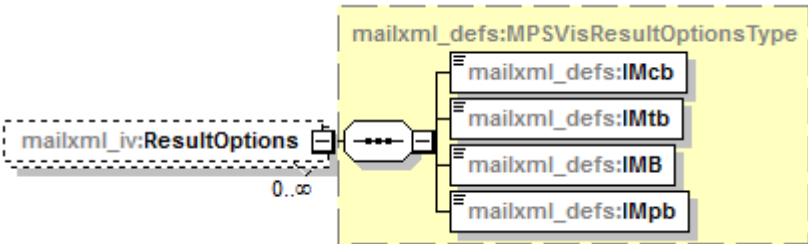
element **MPSVisScanQueryType/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

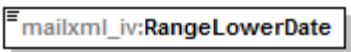
element **MPSVisScanQueryType/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **MPSVisScanQueryType/ResultOptions**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:IMB mailxml_defs:IMpb


element **MPSVisScanQueryType/RangeLowerDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

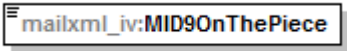
element **MPSVisScanQueryType/RangeUpperDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

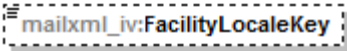
element **MPSVisScanQueryType/MID6OnThePiece**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **MPSVisScanQueryType/MID9OnThePiece**

diagram	 A diagram showing the element <code>mailxml_iv:MID9OnThePiece</code> in a solid rectangular box with a dashed border and a shadow.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

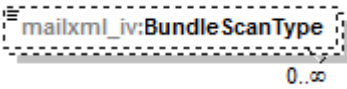
element **MPSVisScanQueryType/FacilityLocaleKey**

diagram	 A diagram showing the element <code>mailxml_iv:FacilityLocaleKey</code> in a dashed rectangular box with a shadow.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisScanQueryType/EventType**

diagram	 A diagram showing the element <code>mailxml_iv:EventType</code> in a dashed rectangular box with a shadow. The cardinality <code>0..∞</code> is shown below the box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisScanQueryType/BundleScanType**

diagram	 A diagram showing the element <code>mailxml_iv:BundleScanType</code> in a dashed rectangular box with a shadow. The cardinality <code>0..∞</code> is shown below the box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **MPSVisScanQueryType/IMcb**

diagram	 A diagram showing the element <code>mailxml_iv:IMcb</code> in a solid rectangular box with a shadow. The cardinality <code>1..∞</code> is shown below the box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

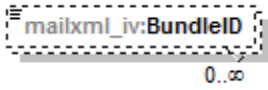
element **MPSVisScanQueryType/IMtb**

diagram	 A diagram showing the element <code>mailxml_iv:IMtb</code> in a solid rectangular box with a shadow. The cardinality <code>1..∞</code> is shown below the box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

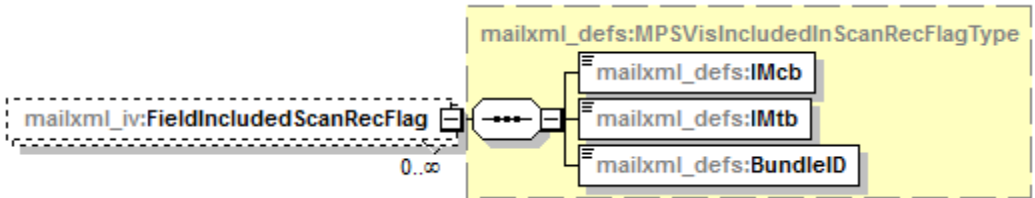
element **MPSVisScanQueryType/IMB**

diagram	 A diagram showing the element <code>mailxml_iv:IMB</code> in a solid rectangular box with a shadow. The cardinality <code>1..∞</code> is shown below the box.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

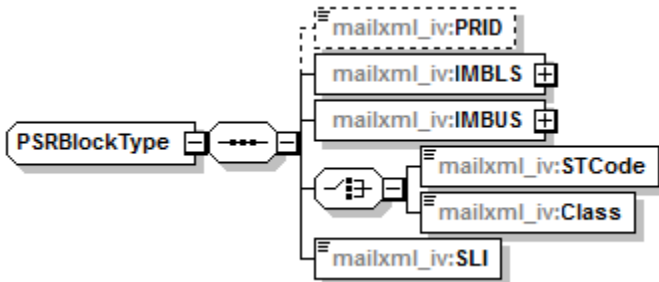
element **MPSVisScanQueryType/BundleID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **MPSVisScanQueryType/FieldIncludedScanRecFlag**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_defs:IMcb mailxml_defs:IMtb mailxml_defs:BundleID

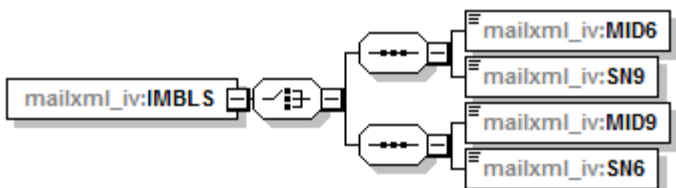
complexType **PSRBlockType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:PRID mailxml_iv:IMBLS mailxml_iv:IMBUS mailxml_iv:STCode mailxml_iv:Class mailxml_iv:SLI


element **PSRBlockType/PRID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **PSRBlockType/IMBLS**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:MID6 mailxml_iv:SN9 mailxml_iv:MID9 mailxml_iv:SN6


element **PSRBlockType/IMBLS/MID6**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **PSRBlockType/IMBLS/SN9**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

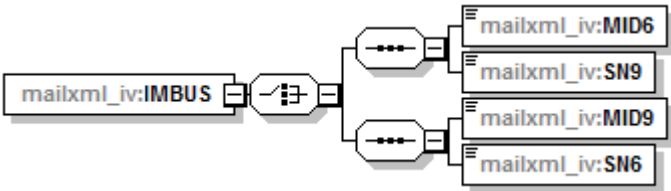
element **PSRBlockType/IMBLS/MID9**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **PSRBlockType/IMBLS/SN6**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **PSRBlockType/IMBUS**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:MID6 mailxml_iv:SN9 mailxml_iv:MID9 mailxml_iv:SN6


element **PSRBlockType/IMBUS/MID6**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **PSRBlockType/IMBUS/SN9**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

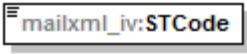
element **PSRBlockType/IMBUS/MID9**

diagram	 A diagram of the mailxml_iv:MID9 element, showing a box with the text 'mailxml_iv:MID9' and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **PSRBlockType/IMBUS/SN6**

diagram	 A diagram of the mailxml_iv:SN6 element, showing a box with the text 'mailxml_iv:SN6' and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **PSRBlockType/STCode**

diagram	 A diagram of the mailxml_iv:STCode element, showing a box with the text 'mailxml_iv:STCode' and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **PSRBlockType/Class**

diagram	 A diagram of the mailxml_iv:Class element, showing a box with the text 'mailxml_iv:Class' and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **PSRBlockType/SLI**

diagram	 A diagram of the mailxml_iv:SLI element, showing a box with the text 'mailxml_iv:SLI' and a small icon to the left.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

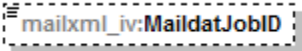
complexType **scanEventQueryType**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:UserLicenseCode mailxml_iv:MaildatJobID mailxml_iv:CustomerGroupID mailxml_iv:MailingGroupID mailxml_iv:ResultOptions mailxml_iv:RangeLowerDate mailxml_iv:RangeUpperDate mailxml_iv:MID6OnThePiece mailxml_iv:MID9OnThePiece mailxml_iv:FacilityLocaleKey mailxml_iv:EventType mailxml_iv:BundleScanType mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:BundleID mailxml_iv:FieldIncludedScanRecFlag

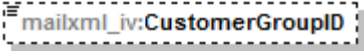
element **scanEventQueryType/UserLicenseCode**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

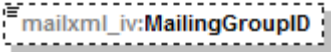
element **scanEventQueryTypeType/MaildatJobID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

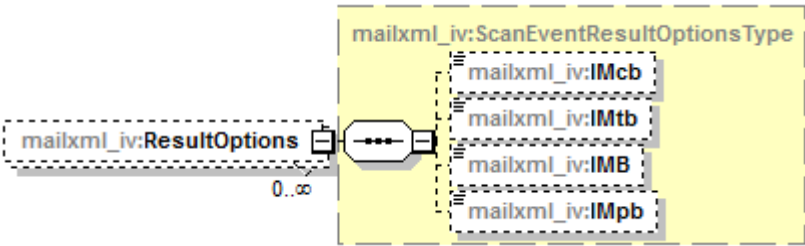
element **scanEventQueryTypeType/CustomerGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

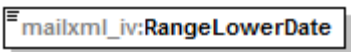
element **scanEventQueryTypeType/MailingGroupID**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **scanEventQueryTypeType/ResultOptions**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb

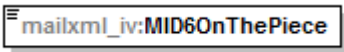
element **scanEventQueryTypeType/RangeLowerDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

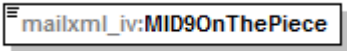
element **scanEventQueryTypeType/RangeUpperDate**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

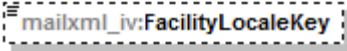
element **scanEventQueryTypeType/MID6OnThePiece**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

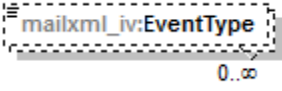
element **scanEventQueryTypeType/MID9OnThePiece**

diagram	 A UML diagram showing a single instance of the element <code>mailxml_iv:MID9OnThePiece</code> with a solid border.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

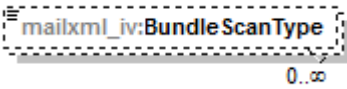
element **scanEventQueryTypeType/FacilityLocaleKey**

diagram	 A UML diagram showing a single instance of the element <code>mailxml_iv:FacilityLocaleKey</code> with a dashed border.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

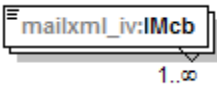
element **scanEventQueryTypeType/EventType**

diagram	 A UML diagram showing a sequence of <code>mailxml_iv:EventType</code> elements with a dashed border and a multiplicity of <code>0..∞</code> at the bottom right.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **scanEventQueryTypeType/BundleScanType**

diagram	 A UML diagram showing a sequence of <code>mailxml_iv:BundleScanType</code> elements with a dashed border and a multiplicity of <code>0..∞</code> at the bottom right.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **scanEventQueryTypeType/IMcb**

diagram	 A UML diagram showing a sequence of <code>mailxml_iv:IMcb</code> elements with a solid border and a multiplicity of <code>1..∞</code> at the bottom right.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **scanEventQueryTypeType/IMtb**

diagram	 A UML diagram showing a sequence of <code>mailxml_iv:IMtb</code> elements with a solid border and a multiplicity of <code>1..∞</code> at the bottom right.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

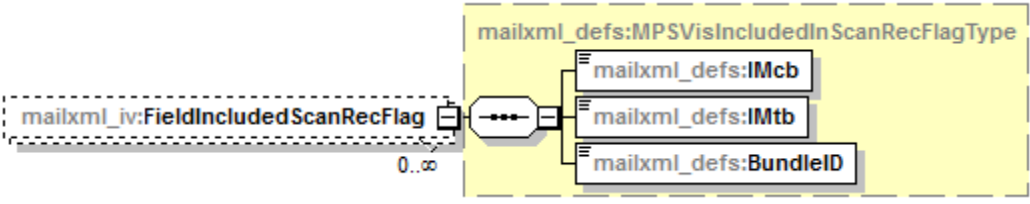
element **scanEventQueryTypeType/IMB**

diagram	 A UML diagram showing a sequence of <code>mailxml_iv:IMB</code> elements with a solid border and a multiplicity of <code>1..∞</code> at the bottom right.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

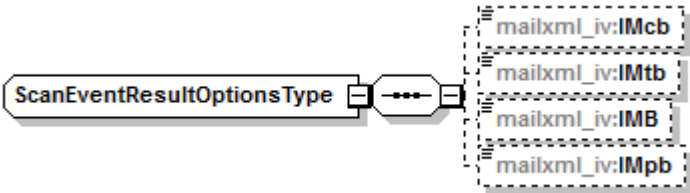
element **scanEventQueryType/BundleID**

diagram	 A dashed box containing the text <code>mailxml_iv:BundleID</code> with a multiplicity of <code>0..∞</code> below it.
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv


element **scanEventQueryType/FieldIncludedScanRecFlag**

diagram	 A dashed box containing the text <code>mailxml_iv:FieldIncludedScanRecFlag</code> with a multiplicity of <code>0..∞</code> below it. To its right is a connector box leading to a yellow-shaded area labeled <code>mailxml_defs:MPSVisIncludedInScanRecFlagType</code> . Inside this area are three stacked boxes: <code>mailxml_defs:IMcb</code> , <code>mailxml_defs:IMtb</code> , and <code>mailxml_defs:BundleID</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	<code>mailxml_defs:IMcb</code> <code>mailxml_defs:IMtb</code> <code>mailxml_defs:BundleID</code>


complexType **ScanEventResultOptionsType**

diagram	 A box labeled <code>ScanEventResultOptionsType</code> connected to a connector box, which then leads to a dashed box containing four stacked elements: <code>mailxml_iv:IMcb</code> , <code>mailxml_iv:IMtb</code> , <code>mailxml_iv:IMB</code> , and <code>mailxml_iv:IMpb</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
children	mailxml_iv:IMcb mailxml_iv:IMtb mailxml_iv:IMB mailxml_iv:IMpb
used by	element scanEventQueryType/ResultOptions


element **ScanEventResultOptionsType/IMcb**

diagram	 A dashed box containing the text <code>mailxml_iv:IMcb</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

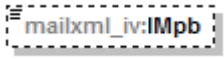
element **ScanEventResultOptionsType/IMtb**

diagram	 A dashed box containing the text <code>mailxml_iv:IMtb</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ScanEventResultOptionsType/IMB**

diagram	 A dashed box containing the text <code>mailxml_iv:IMB</code> .
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

element **ScanEventResultOptionsType/IMpb**

diagram	
namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv

simpleType **eDocTypeType**

namespace	http://idealliance.org/Specs/mailxml19.0/mailxml_iv
used by	elements MPSVisDelivery/eDocType MPSVisNotification/eDocType MPSVisQueryResponse/eDocType

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