



Actisure Services

Claims Load Developers Guide

Document History

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5.3	10 Apr 2018	Add BatchClaimId to UpsertInvoice / InvoiceOnly	195708
5.5	17 May 2018	Updated branding	
5.6	22 May 2018	Add PaymentBankAccountDetailId Invoice section of LoadClaim method	197508
5.7	21 Jun 2018	Add BatchClaimExternalReference to LoadClaimRequest Add BatchClaimAssociated to LoadClaimResponse	199642
5.8	08 August 2018	Added PreventStp to LoadClaimRequest Added PreventStp to LoadInvoiceToClaimClaimRequest	202159
5.9	10 Aug 2018	Add PaySupplier flag to InvoiceOnly	202356
5.10	07 Oct 2019	Added missing DuplicateCheck method	243363
5.15	5 March 2020	Add DisableInvoiceLineProcessing property to UpdateInvoiceStatus	246283

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1 Overview

The 'Claims Load' web service exposes a number of operations to allow claims to be managed. For more information on installing and configuring the service, see the installation document. It would also be useful to have a tool such as 'soapUI' to view the WSDL and schema.

1.1 Implementation

The 'Claims Load' service is a Windows Communication Foundation (WCF) based .NET 3.5 service, whose bindings can be configured. (See Application Services User Guide.pdf for more details).

The default address for the Claims Load Service <http://server:8822/ClaimsLoadService> and can be tested to see if it is running by calling <http://server:8822/ClaimsLoadService?wsdl>

2 Requests

2.1 General Information

All requests are passed within the soap body as a Request Message that holds the Request to be processed, e.g. to call the method 'LoadClaim', pass a LoadClaimRequestMessage containing a LoadClaimRequest:

```
<soap:Body>
  <LoadClaimRequestMessage>
    <LoadClaimRequest>
      <Claim>
        .....
      </Claim>
    </LoadClaimRequest>
  </LoadClaimRequestMessage>
</soap:Body>
```

All requests may hold a reference that will be returned in any corresponding response. This allows a response to be linked to its request.

```
<LoadClaimRequest>
  <RequestReference>Request reference to be passed back to response </RequestReference>
  <Claim>
    .....
  </Claim>
</LoadClaimRequest>

<LoadClaimResponse>
  <RequestReference>Request reference passed back</RequestReference>
  .....
</LoadClaimResponse>
```

2.1.1 People and Organisations

Act-isure refers to these as entities. (Claims Load does not create or amend any entities.)

All entities are mapped using a complex type `<xs:complexType name="ActisureEntity">` as follows:

```
<xs:complexType name="ActisureEntity">
  <xs:sequence>
    <xs:element name="ExternalReference" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="ActisureId" type="cl:ActisureId" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="OrganisationName" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="FirstName" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="Surname" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="DateOfBirth" type="cl:activusDate" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="Address" type="cl:Address" minOccurs="0" maxOccurs="1" nillable="false"/>
  </xs:sequence>
</xs:complexType>
```

All fields passed must match an entity record in Act-isure, e.g. `<Claim>.<Beneficiary>` can be assigned by sending an element of type ActisureEntity. In the following example, an entity that matches `ActisureId` AND `FirstName` AND `Surname` AND `DateOfBirth` would be located. If no match was found, then a business error would be returned and the claim rejected.

```
<Beneficiary>
  <ActisureId>123456</ActisureId>
  <FirstName>BILL</FirstName>
  <Surname>SMITH</Surname>
  <DateOfBirth>1955-01-20</DateOfBirth>
</Beneficiary>
```

Searching is not case-sensitive.
Entity lookup via external address is not yet supported.

2.1.2 Collections

When many elements can exist under a parent, a complex type (*arrayOfsomething*) is used to hold the collection, e.g. an invoice can have many invoice lines: Invoice lines are held as a complex type. At invoice level, the invoice holds 1 *arrayOfInvoiceLines* and is defined as follows:

```
<xs:element name="InvoiceLines" type="cl:arrayOfInvoiceLines" minOccurs="1" maxOccurs="1"
  nillable="false"/>
```

where *arrayOfInvoiceLines* is:

```
<xs:complexType name="arrayOfInvoiceLines">
  <xs:sequence>
    <xs:element minOccurs="1" maxOccurs="unbounded" name="InvoiceLine"
      type="cl:TreatmentInvoiceLine"/>
  </xs:sequence>
</xs:complexType>
```

This will result in an XML message like this:

```
<Invoice>
  <InvoiceLines>
    <InvoiceLine>
      Invoice line element here
    </InvoiceLine>
  </InvoiceLines>
</Invoice>
```

2.1.3 Additional Information Records

Additional Info records are held at Claim and Treatment levels. These are held as *arrayOfAdditionalInfo*.

2.1.4 Validation Overrides

It is possible to control the outcome of a business error through the use of "validation overrides" within each request:

```
<xs:complexType name="ValidationOverride">
  <xs:sequence>
    <xs:element name="RuleNumber" type="xs:short" minOccurs="1" maxOccurs="1"
      nillable="false"/>
    <xs:element name="Action" type="cl:errorType" minOccurs="1" maxOccurs="1"
      nillable="false"/>
  </xs:sequence>
</xs:complexType>

<xs:element name="ValidationOverrides" type="cl:arrayOfValidationOverride" minOccurs="0"
  maxOccurs="1" nillable="false"/>
```

e.g. to change rule 1234 to be a Warning:

```
<ValidationOverrides>
  <ValidationOverride>
    <RuleNumber>1234</RuleNumber>
    <Action>Warning</Action>
  </ValidationOverride>
</ValidationOverrides>
```

2.2 Claims Load Operations

2.2.1 LoadClaim

Create a new claim.

Receives : [LoadClaimRequestMessage](#)

Returns : [LoadClaimResponseMessage](#)

2.2.2 UpsertClaim (DO NOT USE)

If the claim already exists, **delete** it before calling LoadClaim

Receives : [LoadClaimRequestMessage](#)

Returns : [LoadClaimResponseMessage](#)

2.2.3 DeleteClaim

Delete a claim and all related records.

Receives : [DeleteClaimRequestMessage](#)

Returns : [DeleteClaimResponseMessage](#)

2.2.4 LoadPreauthorisedInvoice

Insert a new preauthorised invoice to an existing treatment

Receives : [LoadPreAuthorisedInvoiceRequestMessage](#)

Returns : [LoadPreAuthorisedInvoiceResponseMessage](#)

2.2.5 UpsertPreauthorisedInvoice

Inserts or updates an existing preauthorised invoice to an existing treatment

Receives : [UpsertPreAuthorisedInvoiceRequestMessage](#)

Returns : [UpsertPreAuthorisedInvoiceResponseMessage](#)

2.2.6 LinkPreauthorisedInvoice

Links an invoice to it's preauthorised invoice

Receives : [LinkPreAuthorisedInvoiceRequestMessage](#)

Returns : [LinkPreAuthorisedInvoiceResponseMessage](#)

2.2.7 GetAssessment

Retrieves assessment data

Receives: [GetAssessmentRequestMessage](#)

Returns: [GetAssessmentResponseMessage](#)

2.2.8 UpsertAssessment

Updates/Inserts assessment data

Receives: [UpsertAssessmentRequestMessage](#)

Returns: [UpsertAssessmentResponseMessage](#)

2.2.9 GetTreatment

Retrieves treatment data

Receives: [GetTreatmentRequestMessage](#)

Returns: [GetTreatmentResponseMessage](#)

2.2.10 UpsertTreatment

Updates/Inserts treatment data

Receives: [UpsertAssessmentRequestMessage](#)

Returns: [UpsertAssessmentResponseMessage](#)

2.2.11 GetInvoice

Retrieves invoice data

Receives: [GetInvoiceRequestMessage](#)

Returns: [GetInvoiceResponseMessage](#)

2.2.12 GetInvoiceLine

Retrieves invoice line data

Receives: [GetInvoiceLineRequestMessage](#)

Returns: [GetInvoiceLineResponseMessage](#)

2.2.13 UpsertInvoice

Updates/Inserts invoice data

Receives: [UpsertInvoiceRequestMessage](#)

Returns: [UpsertInvoiceResponseMessage](#)

2.2.14 UpsertInvoiceLine

Updates/Inserts invoice data

Receives: [UpsertInvoiceLineRequestMessage](#)

Returns: [UpsertInvoiceLineResponseMessage](#)

2.2.15 GetInvoiceLineAdditionalInfo

Retrieves invoice data

Receives: [GetInvoiceLineAdditionalInfoRequestMessage](#)

Returns: [GetInvoiceLineAdditionalInfoResponseMessage](#)

2.2.16 UpdateInvoiceLineAdditionalInfo

Updates/Inserts invoice data

Receives: [UpadteInvoiceLineAdditionalInfoRequestMessage](#)

Returns: [UpdateInvoiceLineAdditionalInfoResponseMessage](#)

2.2.17 GetInvoiceWithInvoiceLines

Retrieves invoice and invoice line data

Receives: [GetInvoiceWithInvoiceLinesRequestMessage](#)

Returns: [GetInvoiceWithInvoiceLinesResponseMessage](#)

2.2.18 GetInvoiceLinesByInvoiceId

Retrieves invoice line data

Receives: [GetInvoiceLinesByInvoiceIdRequestMessage](#)

Returns: [GetInvoiceLinesByinvoiceidResponseMessage](#)

2.2.19 GetAssessmentAdditionalInformation

Retrieves assessment additional information data

Receives: [GetAssessmentAdditionalInformationRequestMessage](#)

Returns: [GetAdditionalInformationResponseMessage](#)

2.2.20 GetTreatmentAdditionalInformation

Retrieves treatment additional information data

Receives: [GetTreatmentAdditionalInformationRequestMessage](#)

Returns: [GetAdditionalInformationResponseMessage](#)

2.2.21 GetInvoiceAdditionalInformation

Retrieves invoice additional information data

Receives: [GetInvoiceAdditionalInformationRequestMessage](#)

Returns: [GetAdditionalInformationResponseMessage](#)

2.2.22 GetInvoiceLineAdditionalInformation

Retrieves invoice line additional information data

Receives: [GetInvoiceLineAdditionalInformationRequestMessage](#)

Returns: [GetAdditionalInformationResponseMessage](#)

2.2.23 UpdateAssessmentAdditionalInformation

Updates/Inserts assessment additional information data

Receives: [UpdateAssessmentAdditionalInformationRequestMessage](#)

Returns: [UpdateAdditionalInformationResponseMessage](#)

2.2.24 UpdateTreatmentAdditionalInformation

Updates/Inserts treatment additional information data

Receives: [UpdateTreatmentAdditionalInformationRequestMessage](#)

Returns: [UpdateAdditionalInformationResponseMessage](#)

2.2.25 UpdateInvoiceAdditionalInformation

Updates/Inserts invoice additional information data

Receives: [UpdateInvoiceAdditionalInformationRequestMessage](#)

Returns: [UpdateAdditionalInformationResponseMessage](#)

2.2.26 UpdateInvoiceLineAdditionalInformation

Updates/Inserts invoice line additional information data

Receives: [UpdateInvoiceLineAdditionalInformationRequestMessage](#)

Returns: [UpdateAdditionalInformationResponseMessage](#)

2.2.27 UpdateInvoiceStatus

Updates invoice status

Receives: [UpdateInvoiceStatusRequestMessage](#)

Returns: [UpdateInvoiceStatusResponseMessage](#)

2.2.28 GetInvoiceWithInvoiceLinesAndAdditionalInfo

Retrieves invoice, invoice line and additional info data

Receives: [GetInvoiceWithInvoiceLinesAndAdditionalInfoRequestMessage](#)

Returns: [GetInvoiceWithInvoiceLinesAndAdditionalInfoResponseMessage](#)

2.2.29 GetInvoiceByTreatment

Retrieves invoice by TreatmentId

Receives: [GetInvoiceByTreatmentRequestMessage](#)

Returns: [GetInvoiceByTreatmentResponseMessage](#)

2.2.30 GetInvoiceByTreatmentWithAdditionalInfo

Retrieves invoice and additional Info by TreatmentId

Receives: [GetInvoiceByTreatmentWithAdditionalInfoRequestMessage](#)

Returns: [GetInvoiceByTreatmentWithAdditionalInfoResponseMessage](#)

2.2.31 GetAssessmentWithAdditionalInfo

Retrieves assessment and additional Info data by AssessmentId

Receives: [GetAssessmentWithAdditionalInfoRequestMessage](#)

Returns: [GetAssessmentWithAdditionalInfoResponseMessage](#)

2.2.32 GetTreatmentWithAdditionalInfo

Retrieves treatment and additional Info data by TreatmentId

Receives: [GetTreatmentWithAdditionalInfoRequestMessage](#)

Returns: [GetTreatmentWithAdditionalInfoResponseMessage](#)

2.2.33 CopyInvoice

Copy selected invoice data

Receives: [CopyInvoiceRequestMessage](#)

Returns: [CopyInvoiceResponseMessage](#)

2.2.34 GetInvoiceWithAdditionalInfo

Retrieves invoice and additional Info data by InvoiceId

Receives: [GetInvoiceWithAdditionalInfoRequestMessage](#)

Returns: [GetInvoiceWithAdditionalInfoResponseMessage](#)

2.2.35 CopyPreAuthorisedInvoice

Copy selected invoice data

Receives: [CopyPreAuthorisedInvoiceRequestMessage](#)

Returns: [CopyPreAuthorisedInvoiceResponseMessage](#)

2.2.36 LoadInvoiceToClaim

Loads an invoice to an existing Claim

Receives: [LoadInvoiceToClaimRequestMessage](#)

Returns: [LoadInvoiceToClaimResponseMessage](#)

2.2.37 LoadTreatment

Loads a treatment to a Claim

Receives: [LoadTreatmentRequestMessage](#)

Returns: [LoadTreatmentResponseMessage](#)

2.2.38 CheckAndFlagDuplicateInvoice

Find a duplicate invoice and set the invoice status as duplicate

Receives: [DuplicateCheckInvoiceRequestMessage](#)

Returns: [DuplicateCheckInvoiceResponseMessage](#)

2.2.39 DuplicateCheck

Find a duplicate invoice and set the invoice status as duplicate

Receives: [DuplicateCheckRequestMessage](#)

Returns: [DuplicateCheckResponseMessage](#)

3 LoadClaim

3.1.1 Operation

To add a new claim, call the operation 'LoadClaim', passing a LoadClaimRequestMessage.

3.1.2 Validation Overrides

The operation 'LoadClaim' carries out a number of checks.

For example, it will return an error if you supply a treatment date that is in the future:

```
<Errors>
  <ErrorMessage>
    <Code>3051</Code>
    <Type>Error</Type>
    <Message>The Invoice's treatment date is in the future</Message>
    <Detail>The Invoice date of xxx must not be in the future</Detail>
  </ErrorMessage>
</Errors>
```

You can choose to override the default validation, e.g. to accept a treatment date that is in the future, by adding 'overrides' in your LoadClaimRequestMessage, e.g.

```
<ValidationOverrides>
  <ValidationOverride>
    <RuleNumber>3051</RuleNumber>
    <Action>Warning</Action>
  </ValidationOverride>
</ValidationOverrides>
```

3.1.3 Policy Instance

Identify the policy to which the claim is linked as follows:

[<Claim><PolicyId>](#) is the id of the policy Plus Policy Effective date [<Claim>.<PolicyEffectiveDate>](#)

Or

Treatment date of first invoice of the first treatment [Claim.Treatment.TreatmentInvoice.TreatmentDate](#) (most recent policy where [Policy.EffectiveDate](#) <= [TreatmentDate](#) will be used)

3.1.4 Claim

Element Name	Description
PolicyId	Policy.PolicyId
PolicyEffectiveDate	Policy.EffectiveDate
AssessmentId	ClaimAssessment.AssessmentId

ExternalReference	Use to find existing claim via clients own reference. Match where assessment additional info of "ImportReference"
ClaimDate	Date of claim
Beneficiary	ActisureEntity details of Policy beneficiary who claim is for.
PrimaryDiagnosisICD9Code	IC9 code of primary diagnosis
SecondaryDiagnosisICD9Code	IC9 code of secondary diagnosis
PrimaryDiagnosisICD10Code	IC10 code of primary diagnosis
SecondaryDiagnosisICD10Code	IC10 code of secondary diagnosis
GeneralPractitioner	ActisureEntity details of GP
FirstSymptomDate	First SymptomDate
FirstConsultationDate	First Consultation Date
LastConsultationDate	Last Consultation Date
LegalRepresentative	ActisureEntity details of Legal Rep
ConditionStatus	Lookup Codeset viewname is "ClaimAssessmentStatus" and field Codeset.Description
ClaimClosed	Is claim closed true or false
ClaimCloseReason	Lookup Codeset viewname is "CloseClaimReasons" and field Codeset.Description
ClaimReOpened	Has claim been reopened – true or false
Treatments	Array of treatments
ClaimAdditionalInfos	Array of claim additional infos after any treatments
Reserve	Future requirement

3.1.4.1 Claim Additional Info

```
<xs:element name="ClaimAdditionalInfos" type="cl:arrayOfAdditionalInfo" minOccurs="0"
maxOccurs="1" nillable="false"/> />
```

e.g.

```
<ClaimAdditionalInfos>
  <AdditionalInfo>
    <Name>Name of info</Name>
    <Value>Value of info</Value>
  </ClaimAdditionalInfo>
  <ClaimAdditionalInfo>
    <Name>Name of info</Name>
    <Value>Value of info</Value>
  </ClaimAdditionalInfo>
</ClaimAdditionalInfos>
```

3.1.5 Treatment

Element Name	Description
ProcedureCode	Procedures.ProcedureCode
CashBenefit	Deprecated
EmergencyIndicator	Deprecated
TreatmentStatus	Lookup Codeset viewname is "ClaimTreatmentStatus" and field Codeset.Description
PrimarySpecialist	Actisure entity
OtherSpecialist	Actisure entity
FacilityList	Array of Actisure entity
Invoices	Array of invoices
TreatmentAdditionalInfos	Array of additional infos after any invoices

3.1.5.1 Treatment Additional Info

```
<xs:element name="TreatmentAdditionalInfos" type="cl:arrayOfAdditionalInfo" minOccurs="0"
maxOccurs="1" nillable="false"/>
```

```
<TreatmentAdditionalInfos>
  <AdditionalInfo>
    <Name>Name of info</Name>
```

```

    <Value>Value of info</Value>
  </TreatmentAdditionalInfo>
</TreatmentAdditionalInfo>
  <Name>Name of info</Name>
  <Value>Value of info</Value>
</TreatmentAdditionalInfo>
</TreatmentAdditionalInfos>

```

3.1.6 Invoice

Element Name	Description
InvoiceFrom	Act-isure entity of who invoice is from
InvoiceFromAddress	This is the address associated with the Actisure entity of who the invoice is from
InvoiceStatus	Lookup Codeset viewname is "ClaimInvoiceStatus" and field Codeset.Description
InvoiceReference	Senders invoice number
InvoiceDate	Invoice date
ReceivedDate	Received date
InvoiceCurrencyCode	3 char invoice currency code. Match Currency.CurrencyName
ExchangeRateDate	Exchange rate to use for invoice amounts
ExchangeRateToProductBaseCurrency	Exchange rate to use when converting from invoice currency to PBC. Recommendation is to set this to 0 and allow Actisure to calculate the ExchangeRate from the CurrencyRates table.
ExchangeRateToAccountingBaseCurrency	Exchange rate to use when converting from invoice currency to ABC. Recommendation is to set this to 0 and allow Actisure to calculate the ExchangeRate from the CurrencyRates table.
DiscountReason	Lookup Codeset viewname is "DiscountReason" and field Codeset.Description
Payee	Actisure entity of person to pay
PaymentAddress	Address of person to pay. Either the Address details or the AddressId can be provided. There is no requirement to include both.
PaymentMethod	Lookup Codeset viewname is "PaymentType" and field Codeset.Description
ProductClaimAccount	Name of product claims bank account
PaymentCurrencyCode	3 char payment currency code. Match Currency.CurrencyName. Defaults to InvoiceCurrencyCode if not set.
PaymentExchangeRateDate	Exchange rate to use for payment amounts
PaymentExchangeRateToProductBaseCurrency	Exchange rate to use when converting from payment currency to PBC
PaymentExchangeRateToAccountingBaseCurrency	Exchange rate to use when converting from payment currency to ABC
TreatmentCountryName	Search for entity with role "Territory" and match Entity.CompanyName
TreatmentDate	Treatment Date
AdmissionStatus	Lookup Codeset viewname is "AdmissionStatus" and field Codeset.Description
AdmissionDate	Date of admission
DischargeDate	Date of leaving facility
NetworkType	Lookup Codeset viewname is "NetworkType" and field Codeset.Description
CapturedBy	Username of who added claims (defaults to CLAIMSLOAD)
CapturedDate	Date added, defaults to current time
AssessedBy	Username of who assessed the claim
AssessedDate	Date assessed
QABY	Username of who Qaed the claim
QADate	Date Qaed
ExchangeRatePerLine	If true, exchange rate will be calculated based upon invoice line service date
InvoiceLines	Array of invoice lines
InvoiceAdditionalInfos	Array of additional infos after any invoice lines
BatchClaimId	If the invoice need to be added to a BatchClaim then the BatchClaimId represents the Id of this BatchClaim
PaymentBankAccountDetailId	If the invoice need to be added to a BatchClaim then the PaymentBankAccountDetailId represents the PayeeBankId

3.1.7 InvoiceLine

Element Name	Description
InvoiceLineStatus	Lookup Codeset viewname is "ClaimInvoiceLineStatus" and field Codeset.Description
InvoiceLineUserStatus	Lookup Codeset viewname is "InvoiceLineUserStatus" and field Codeset.Description
Amount	Invoice line amount in invoice currency
Amount_PBC	Invoice line amount in PBC
RevenueCodeDescription	Match RevenueCode.Description
DiscountPercentage	Discount as percentage. 0.25 = 25%
DiscountAmount	Amount of discount in invoice currency
DiscountAmount_PBC	Amount of discount in PBC
DeniedAmount	Amount denied in invoice currency
DeniedAmount_PBC	Amount denied in PBC
ServiceDate	Date of service
Quantity	Defaults to 1
PolicyExcessApplied	Amount of policy excess applied in invoice currency
BenefitExcessApplied	Amount of benefit excess applied in invoice currency
CoInsuranceAmount	Amount of co-insurance applied in invoice currency
CoInsuranceUsageAmount	Amount of current total of co-insurance already consumed.
CoInsuranceTypeCodeDescription	Lookup Codeset viewname is "CoInsuranceType" and field Codeset.Description
SettledAmount	Amount settled in invoice currency
SettledAmount_PBC	Amount settled in PBC
Benefit	Name of benefit
SubBenefit	Name of sub-benefit
BenefitDetail	Name of benefit detail
ServiceType	The name of the service type mapped to the benefit detail
ExternalServiceType	The name of the External Service Type used to determine the benefit structure. If this is present, the Benefit, SubBenefit and BenefitDetail will be ignored.
AdmissionStatus	Lookup Codeset viewname is "AdmissionStatus" and field Codeset.Description
SubTreatment	Not Supported
AnalysisCodeDescription	Lookup Codeset viewname is "InvoiceLineAnalysis" and field Codeset.Description
ReasonCode	Lookup Codeset viewname is "InvoiceLineStatusReasons" and field Codeset.Description
InvoiceLineStatusReason	InfoDetail table match InfoDetailText
ReasonText	Is the code's description. Note that you can override the default value from the codeset (but only if you have a ReasonCode supplied above, otherwise your value here is ignored).
ReasonSource	Is set to "codeset" when the reason is a codeset
InvoiceLineAdditionalInfos	Array of additional infos after any invoice line details
ServiceEndDate	End Date of service. Set ServiceEndDate equals to ServiceDate if this field left empty in request
Treatment	This is a list of available treatments associated with the invoice line
ChargeCategory	This is the charge category the invoice line is associated with. This is a codeset.
AdditionalInformationItems	Array of additional information item (only populated for GetInvoiceWithInvoiceLinesAndAdditionalInfo request – 3.3.7)
CoPayAmount	The amount of the Co-Payment in Pbc currency.
CoPayUsageAmount	Amount of current total of co-payment already consumed in Pbc.

3.1.7.1 Invoice Line Additional Info

```
<xs:element name="InvoiceLineAdditionalInfos" type="cl:arrayOfAdditionalInfo" minOccurs="0"
maxOccurs="1" nillable="false"/>
```

```
<InvoiceLineAdditionalInfos>
```

```

<AdditionalInfo>
  <Name>Name of info</Name>
  <Value>Value of info</Value>
</InvoiceLineAdditionalInfos>
<InvoiceLineAdditionalInfos>
  <Name>Name of info</Name>
  <Value>Value of info</Value>
</InvoiceLineAdditionalInfos>
</InvoiceLineAdditionalInfos>

```

3.1.8 AdditionalInformationItem

Element Name	Description
Id	Info Id
Description	Info description
Prompt	Info prompt (for label display)
Value	Info value
Type	Info data type for 'Value' field
Required	Enforces if Info value should be entered i.e. mandatory or not
Sequence	Controls display order
LinkedCodesetId	Codeset Id with values to populate if 'ControlType' is one that's supports drop down
ControlType	Control type used to display info
InitialisationCommand	Name of command to use for populating
UniqueForRole	Signifies if info is unique for role
ReadOnly	Controls if info is disabled when displayed
SubCategory	Controls display grouping

3.1.9 LoadClaimResponseMessage

The result of LoadClaim is a [LoadClaimResponseMessage](#)

Element Name	Description
ActisureSOAPHeader	
LoadClaimResponse	

3.1.10 LoadClaimResponse

Element Name	Description
RequestReference	The Request reference sent in the request RequestReference field
ActisureId	The Id of the ClaimAssessment created
Success	True if there were not errors of type Error
Errors	List of Errors
AssessmentCreated	Summary details of the Assessment, Treatment and Invoices create
BatchClaimAssociated	Contains the BatchClaimId that is associated to the Claim Invoices

3.1.11 AssessmentCreated

Element Name	Description
AssessmentId	The Id of the ClaimAssessment created
PrimaryDiagnosisConditionDescription	The condition description of the primary diagnosis of the Assessment created
TreatmentsCreated	Optional List of TreatmentCreated items. A summary of Treatments created.

3.1.12 TreatmentCreated

Element Name	Description
TreatmentId	The Id of the ClaimTreatment created
ProcedureDescription	The procedure description of the treatment
InvoicesCreated	Optional List of InvoiceCreated items. A summary of Invoices created

3.1.13 InvoiceCreated

Element Name	Description
InvoiceId	The Id of the ClaimTreatmentInvoice created

3.1.14 LoadClaimRequestMessage

The request for LoadClaim is a [LoadClaimResponseMessage](#)

Element Name	Description
ActisureSOAPHeader	
LoadClaimRequest	

3.1.15 LoadClaimRequest

Element Name	Description
LoadConfigurations	Array of additional info mandatory
RequestReference	The Request reference sent in the request RequestReference field
ValidationOverrides	The Validation overrides sent in the request ValidationOverrides field
Claim	Claim sent in the request Claim field mandatory
BatchClaimExternalReference	The Batch Claim External Reference sent in the request BatchClaimExternalReference field
PreventStp	By default, the ClaimsLoad service will send an NServiceBus message to begin the STP process in order to adjudicate an invoice when the LoadClaim method is called. If this behaviour is not desired a "PreventStp" element can be added and set to "true".

3.2 Upsert Claim

3.2.1 Operation

Same as 'Load Claim', but deletes the claim first (if it already exists).

Receives a [LoadClaimRequestMessage](#) and returns a [LoadClaimResponseMessage](#)

3.3 DeleteClaim

3.3.1 Operation

To delete a claim and all its data, call the operation 'DeleteClaim', passing a DeleteClaimRequestMessage that hold a DeleteClaimRequest.

3.3.2 DeleteClaimRequest

Element Name	Description
RequestReference	Reference to be returned to request in the element < RequestReference >
ValidationOverrides	See validation overrides
AssessmentId	Act-isure ClaimAssessment,AssessmentId to delete
ExternalReference	Use to find existing ClaimAssessment via clients own reference. Match where Assessment additional info type of "ImportReference"

Pass [AssessmentId](#) or [ExternalReference](#).

3.4 LoadPreauthorisedInvoice / UpsertPreauthorisedInvoice

Returns LoadPreAuthorisedInvoiceResponse / UpsertPreAuthorisedInvoiceResponse respectively

3.4.1 LoadPreAuthorisedInvoiceResponse / UpsertPreAuthorisedInvoiceResponse

Element Name	Description
CommonResponse	See LoadClaimResponse in the Response section below
PreAuthorisedInvoiceId	The procedure description of the treatment
PreAuthorisedInvoiceReference	Optional List of InvoiceCreated items. A summary of Invoices created

Adds new / updates existing pre-authorised invoice on an existing treatment

Element Name	Description
TreatmentId	Act-isure ID of the treatment (ClaimTreatment.TreatmentId)
Type	"Guarantee of Payment" or "Agreement in Principle"
From	Act-isure entity of who the invoice will be from
TreatmentCountry	Name of the country of treatment
InvoiceCurrency	Currency of the amount
Amount	Amount (sum of all invoice line amounts)
Reference	Free format reference for the pre-authorisation. If not passed, then this will be derived using prefix from claims system setting "Preauthorisation Invoice Reference Prefix" plus a sequential pre-authorised invoice number.
PreAuthorisationDate	Date authorised
TreatmentDate	Anticipated date of treatment
ExchangeRateDate	Date to be used for exchange rate calculations
InvoiceLines	A collection of pre-auth invoice lines (see below)
Status	Code set value of the status of the pre-auth
CapturedBy	Name of who created the pre-auth
CapturedDate	Date the pre-auth was created
AssessedBy	Name of who set the pre-auth to Processed
AssessedDate	Date the pre-auth was set to processed
ExpiryDate	Date after which the pre-auth is no longer valid
PreAuthorisedInvoiceId	(Upsert only) If it exists, then update it. Otherwise create a new record
AdditionalInfos	An array of the additional information

3.4.2 InvoiceLine

Element Name	Description
PreAuthorisedInvoiceId	Act-isure id of pre-auth. (Used by upsert method)
PreAuthorisedInvoiceLineId	Act-isure id of pre-auth line. (Used by upsert method)
ServiceDate	Date the treatment of this line is to be applied
Benefit	Name of benefit
SubBenefit	Name of sub-benefit
BenefitDetail	Name of benefit detail
RevenueCodeDescription	Description form Revenue code codeset
AnalysisCodeDescription	Description form Analysis code codeset
Quantity	Number of expected treatments
Amount	Amount in pre-auth currency
AdditionalInfos	An array of additional information

```
<PreAuthorisedInvoice>
  <PreAuthorisedInvoiceId>?</PreAuthorisedInvoiceId>
  <TreatmentId>?</TreatmentId>
  <Type>?</Type>
```

```

<From>
  <ExternalReference>?</ExternalReference>
</From>
<TreatmentCountry>?</TreatmentCountry>
<InvoiceCurrency>?</InvoiceCurrency>
<Amount>?</Amount>
<Reference>?</Reference>
<PreAuthorisationDate>?</PreAuthorisationDate>
<TreatmentDate>?</TreatmentDate>
<ExchangeRateDate>?</ExchangeRateDate>
<InvoiceLines>
  <PreAuthorisedInvoiceLine>
    <PreAuthorisedInvoiceId>?</PreAuthorisedInvoiceId>
    <PreAuthorisedInvoiceLineId>?</PreAuthorisedInvoiceLineId>
    <ServiceDate>?</ServiceDate>
    <Benefit>?</Benefit>
    <SubBenefit>?</SubBenefit>
    <BenefitDetail>?</BenefitDetail>
    <RevenueCodeDescription>?</RevenueCodeDescription>
    <AnalysisCodeDescription>?</AnalysisCodeDescription>
    <Quantity>?</Quantity>
    <Amount>?</Amount>
    <AdditionalInfos>
      <AdditionalInfo>
        <Name>?</Name>
        <Value>?</Value>
      </AdditionalInfo>
    </AdditionalInfos>
  </PreAuthorisedInvoiceLine>
</InvoiceLines>
<Status>?</Status>
<CapturedBy>?</CapturedBy>
<CapturedDate>?</CapturedDate>
<AssessedBy>?</AssessedBy>
<AssessedDate>?</AssessedDate>
<ExpiryDate>?</ExpiryDate>
<AdditionalInfos>
  <AdditionalInfo>
    <Name>?</Name>
    <Value>?</Value>
  </AdditionalInfo>
</AdditionalInfos>
</PreAuthorisedInvoice>

```

3.5 LinkPreauthorisedInvoice

Allow an invoice to be linked to a pre-auth.

Element Name	Description
PreAuthorisedInvoiceId	Act-isure id of the pre-auth (PreauthorisedInvoice.InvoiceId)
TreatmentInvoiceId	Act-isure id of the invoice to be linked (ClaimTreatmentInvoice.InvoiceId)

```
<LinkPreAuthorisedInvoiceRequest>  
  <PreAuthorisedInvoiceId>?</PreAuthorisedInvoiceId>  
  <TreatmentInvoiceId>?</TreatmentInvoiceId>  
</LinkPreAuthorisedInvoiceRequest>
```

3.6 LoadCreditNoteToInvoice

3.6.1 LoadCreditNoteToInvoiceRequest

```
<xs:complexType name="LoadCreditNoteToInvoiceRequest">
  <xs:sequence>
    <xs:element name="RequestReference" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="ValidationOverrides" type="cl:arrayOfValidationOverride" minOccurs="0" maxOccurs="1"
      nillable="false"/>
    <xs:element name="CreditNoteRequest" type="cl:CreditNoteRequest" minOccurs="1" maxOccurs="1"
      nillable="false" />
  </xs:sequence>
</xs:complexType>
```

3.6.2 LoadCreditNoteToInvoiceResponse

```
<xs:complexType name="LoadCreditNoteToInvoiceResponse">
  <xs:sequence>
    <xs:element name="CreditNoteId" type="cl:ActisureId" minOccurs="1" maxOccurs="1" nillable="false" />
    <xs:element name="Success" type="xs:boolean" minOccurs="1" maxOccurs="1" nillable="false" />
    <xs:element name="Errors" type="cl:arrayOfErrorMessage" minOccurs="0" maxOccurs="1" nillable="false" />
  </xs:sequence>
</xs:complexType>
```

3.6.3 CreditNoteRequest

```
<xs:complexType name="CreditNoteRequest">
  <xs:sequence>
    <xs:element name="InvoiceId" type="cl:ActisureId" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="InvoiceReference" type="xs:string" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="CreditNote" type="cl:CreditNote" minOccurs="1" maxOccurs="1" nillable="false"/>
  </xs:sequence>
</xs:complexType>
```

Element Name	Description
InvoiceId	Invoice Id to credit
InvoiceReference	Invoice reference of invoice to credit
CreditNote	The credit note to load (see below)

3.6.4 CreditNote

Element Name	Description
Status	Lookup Status in code.description Status in codeset.viewname = 'ClaimInvoiceStatus'
Reference	Reference of the credit note
Date	Credit note date
ReceivedDate	Received date. Default to today
CurrencyCode	3 char credit note currency code. Match Currency.CurrencyName
CapturedBy	Username of who added claims (defaults to CLAIMSLOAD)
CapturedDate	Date added, defaults to current time
ReasonCodeDescription	Lookup ReasonCodeDescription in code.description where codeset.viewname = 'CreditNoteReasonCodes'
CreditNoteLines	Array of credit note lines (Act-isure only supports 1)

3.6.5 CreditNoteLine

Element Name	Description
Status	Lookup Codeset viewname is "ClaimInvoiceLineStatus" and field Codeset.Description
Amount	Credit note line amount in credit note currency
Amount_PBC	Credit note line amount in PBC
DeniedAmount	Amount denied in credit note currency

DeniedAmount_PBC	Amount denied in PBC
Quantity	Defaults to 1
PolicyExcessApplied	Amount of policy excess applied in credit note currency
BenefitExcessApplied	Amount of benefit excess applied in credit note currency
CoInsuranceAmount	Amount of co-insurance applied in credit note currency
CoInsuranceTypeCodeDescription	Lookup code.description where codeset.viewname = 'CoInsuranceAmountTypeDescription'
SettledAmount	Amount settled in credit note currency
SettledAmount_PBC	Amount settled in PBC
Benefit	Name of benefit to credit within invoice
SubBenefit	Name of sub benefit to credit within invoice
BenefitDetail	Name of benefit detail to credit within invoice

```
<xs:complexType name="CreditNoteLine">
  <xs:sequence>
    <xs:element name="Status" type="cl:varchar50" minOccurs="1" maxOccurs="1" nillable="false"/>
    <xs:element name="Amount" type="cl:money" minOccurs="1" maxOccurs="1" nillable="false"/>
    <xs:element name="AmountInPBC" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false"/>
    <xs:element name="DeniedAmount" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="DeniedAmountInPBC" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="ServiceDate" type="cl:activusDateTime" minOccurs="0" maxOccurs="1" nillable="true"/>
    <xs:element name="Quantity" type="xs:unsignedShort" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="PolicyExcessApplied" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="BenefitExcessApplied" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="CoInsuranceAmount" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="CoInsuranceTypeCodeDescription" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="SettledAmount" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="SettledAmountInPBC" type="cl:money" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="Benefit" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="SubBenefit" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false" />
    <xs:element name="BenefitDetail" type="cl:varchar50" minOccurs="0" maxOccurs="1" nillable="false" />
  </xs:sequence>
</xs:complexType>
```

3.6.6 Sample XML

```
<?xml version="1.0" encoding="utf-8"?>
<LoadCreditNoteToInvoiceRequest xmlns="http://schemas.activus.com/claimsload/2013/09">
  <RequestReference>RequestReference1</RequestReference>
  <ValidationOverrides>
    <ValidationOverride>
      <RuleNumber>1</RuleNumber>
      <Action>Off</Action>
    </ValidationOverride>
  </ValidationOverrides>
  <CreditNoteRequest>
    <InvoiceId>0</InvoiceId>
    <InvoiceReference>InvoiceReference1</InvoiceReference>
    <CreditNote>
      <Date>1900-01-01T00:00:00+00:00</Date>
      <Reference>Reference1</Reference>
      <ReasonCodeDescription>ReasonCodeDescription1</ReasonCodeDescription>
      <CurrencyCode>Cu1</CurrencyCode>
      <Status>Status1</Status>
      <ReceivedDate>1900-01-01T00:00:00+00:00</ReceivedDate>
      <CapturedBy>CapturedBy1</CapturedBy>
      <CapturedDate>1900-01-01T00:00:00+00:00</CapturedDate>
      <CreditNoteLines>
        <CreditNoteLine>
          <Status>Status1</Status>
          <Amount>1</Amount>
          <AmountInPBC>0</AmountInPBC>
          <DeniedAmount>0</DeniedAmount>
          <DeniedAmountInPBC>0</DeniedAmountInPBC>
          <ServiceDate>1900-01-01T00:00:00+00:00</ServiceDate>
          <Quantity>0</Quantity>
          <PolicyExcessApplied>0</PolicyExcessApplied>
          <BenefitExcessApplied>0</BenefitExcessApplied>
          <CoInsuranceAmount>0</CoInsuranceAmount>
          <CoInsuranceTypeCodeDescription>CoInsuranceTypeCodeDescription1</CoInsuranceTypeCodeDescription>
        </CreditNoteLine>
      </CreditNoteLines>
    </CreditNote>
  </CreditNoteRequest>
</LoadCreditNoteToInvoiceRequest>
```

```
<SettledAmount>0</SettledAmount>
<SettledAmountInPBC>0</SettledAmountInPBC>
<Benefit>Benefit1</Benefit>
<SubBenefit>SubBenefit1</SubBenefit>
<BenefitDetail>BenefitDetail1</BenefitDetail>
</CreditNoteLine>
</CreditNoteLines>
</CreditNote>
</CreditNoteRequest>
</LoadCreditNoteToInvoiceRequest>
```

4 UpsertAssessment / GetAssessment

4.1 GetAssessment

Element Name	Description
AssessmentId	Id of the assessment returned.

This will return the same assessment data as UpsertAssessment

4.2 UpsertAssessment

Element Name	Description
AssessmentId	Id of the assessment. If it does not exist a new assessment is created
PolicyId	Policy Id
PolicyEffectiveDate	Policy Effective date
BeneficiaryId	Id of the beneficiary
PrimaryDiagnosisId	Id of the primary diagnosis in Condition table
FirstConsultationDate	Date beneficiary sought medical advice
Status	Status of the assessment. Default = Confirmed
Username	User creating/updating the assessment
ChangeDate	Date of the change. Default to system time

4.3 AssessmentOnly

Element Name	Description
AssessmentId	Id of the assessment.
PolicyId	Policy Id
PolicyEffectiveDate	Policy effective date
BeneficiaryId	Beneficiary Id
BeneficiaryName	Name of the beneficiary
PrimaryDiagnosisId	Id of the primary diagnosis in Condition table
PrimaryDiagnosisDescription	Description of the primary diagnosis in Condition table
FirstConsultationDate	First consultation date
Status	Assessment status
CreatedByUsername	Username that created assessment
CreatedDate	Created date
ChangedByUsername	Username that made last change to assessment
ChangedDate	Changed date
HasPaidInvoices	Boolean as to whether assessment has paid invoice associated with it

5 UpsertTreatment / GetTreatment

5.1 GetTreatment

Element Name	Description
TreatmentId	Id of the treatment to return

This will return the same assessment data as UpsertTreatment

5.2 UpsertTreatment

Element Name	Description
AssessmentId	Id of the assessment. Mandatory to Insert a treatment
TreatmentId	Id of the treatment. If it does not exist a new treatment is created
ProcedureId	Id of the procedure
PrimarySpecialistId	Entity Id of the primary specialist
Status	Status of the assessment. Default = Confirmed
Username	User creating/updating the treatment
ChangeDate	Date of the change. Default to system time

5.3 TreatmentOnly

Element Name	Description
TreatmentId	Id of the treatment.
ProcedureId	Id of the procedure
ProcedureCode	Procedure Code
ProcedureDescription	Entity Id of the primary specialist
TreatmentStatus	Status of the treatment.
PrimarySpecialistId	User creating/updating the treatment
PrimarySpecialistName	Date of the change. Default to system time
OtherSpecialistId	Other Specialist Id
OtherSpecialistName	Other Specialist Name
CreatedByUsername	Created by User Name
CreatedDate	Created Date
ChangedByUsername	Chnaged by user name
ChangedDate	Changed Date
HasPaidInvoiceOrJustInvoice	Has Paid Invoice
AssessmentId	Assessment Id
AssessmentClaimDate	ClaimDate from the Assessment. If this is checked in Core the new invoice and treatment date will be this value.
AssessmentFirstConsultationDate	FirstConsultationDate from the Assessment. If this is checked in Core the new invoice and treatment date will be this value.

6 UpsertInvoice / GetInvoice

6.1 GetInvoice

Element Name	Description
InvoiceId	Id of the invoice to return

This will return the same invoice data as UpsertInvoice

6.2 UpsertInvoice

If called with no invoice id a new invoice is created and a new invoice id is assigned, if there is an array of Invoice Lines attached then

- Those lines with no invoice id will be added to new invoice and new invoice Line Id assigned.
- Those lines with an invoice id will update existing lines updated independently of the new invoice.

If called with an invoice id it will update existing invoice, if there is an array of Invoice Lines attached then

- Those lines with no invoice line id will be added to invoice.
- Those lines with an invoice line id will be updated.
- Those lines with an invoice id but no invoice line id will be added to that invoice.

Element Name	Description
TreatmentId	Id of the treatment. Mandatory to insert an invoice
InvoiceId	Id of the invoice. If it does not exist a new invoice is created
InvoiceDate	Date of the invoice
Status	Status of the invoice. Default = Loaded
InvoiceReference	Reference on the invoice. E.g. Their invoice number
InvoiceCurrencyCode	3 char currency code of the invoice
InvoiceAmountCurrencyCode	3 char currency code of the amount currency. When this field is set, the invoice amount will be calculated and saved from Amount Currency to Invoice Currency.
InvoiceAmount	Total amount of the invoice
InvoiceFromId	Id of the entity sending the invoice
TreatmentTerritoryName	Name of the territory where the treatment took place
TreatmentDate	Date of the treatment
Username	User creating/updating the invoice
ChangeDate	Date of the change. Default to system time
PayeeId	Id of the entity to pay
PayeeAddressId	Address Id of the payment address
PaymentCurrencyCode	3 char currency code of the payment currency
PaymentMethod	Method of payment
ExchangeRateDate	Date to use for exchange rate calculations
AdmissionStatus	Status of the admission e.g. Day Case
AdmissionDate	Date admitted for treatment
DischargeDate	Date discharged from treatment
arrayOfInvoiceLines	Optional List of InvoiceLine items.
InvoiceGrossAmount	Gross Amount of the Invoice
DiscountReason	Reason for a discount
PayeeBankAccountId	Id of the payee's bank account
ExchangeRatePerLine	If true, exchange rate will be calculated based upon invoice line service date
PreAuthInvoiceId	If this is set then the invoice being added/updated will be linked to the Pre Authorisation Invoice of the Id supplied
BatchClaimId	If this is set then the invoice being added/updated will be linked to a Batch Claim of the Id supplied

6.3 InvoiceOnly

Element Name	Description
TreatmentId	Id of the treatment.
InvoiceId	Id of the invoice.
InvoiceDate	Date of the invoice
Status	Status of the invoice. Default = Loaded
InvoiceReference	Reference on the invoice. E.g. Their invoice number
InvoiceCurrencyCode	3 char currency code of the invoice
InvoiceCurrencyDescription	Currency description of the invoice e.g. Euros
InvoiceAmount	Total amount of the invoice
InvoiceAbcAmount	Invoice Abc Amount
InvoiceFromId	Id of the entity sending the invoice
TreatmentTerritoryName	Name of the territory where the treatment took place
TreatmentDate	Date of the treatment
InvoiceFromName	Name of the entity sending the invoice
PayeeId	Id of the entity to pay
PayeeAddress	Payee address
PaymentCurrencyCode	3 char currency code of the payment currency
PaymentCurrencyDescription	Payment currency description of the invoice e.g. Euros
PaymentMethodId	Id of the method of payment
PaymentMethodName	Name of the method of payment
AdmissionStatus	Status of the admission e.g. Day Case
AdmissionDate	Date admitted for treatment
DischargeDate	Date discharged from treatment
InvoiceGrossAmount	Gross Amount of the Invoice
DiscountAmount	Discount amount of the invoice
DiscountReason	Reason for a discount
ExchangeRatePerLine	If true, exchange rate will be calculated based upon invoice line service date
CreatedByUsername	User that created invoice
CreatedDate	Date the invoice was created
HasInvoiceLines	Boolean on whether invoice has invoice lines
InvoiceLineTotal	Total of the invoice line amounts
PayeeBankAccount	Payee bank account information
PaymentAmount	Payment amount of the invoice
BatchClaimId	Id of the Batch Claim that the invoice is part of (will not be set if the invoice is not part of a Batch Claim)
PaySupplier	Boolean of whether payee is supplier

6.4 CheckAndFlagDuplicateInvoice

Element Name	Description
InvoiceId	The Id of the ClaimTreatmentInvoice to be updated

7 GetInvoiceLine/UpsertInvoiceLine

7.1 GetInvoiceLine

This will return the same InvoiceLine data as UpsertInvoiceLine

7.1.1 GetInvoiceLineRequest

Element Name	Description
InvoiceLineId	Id of the invoice line.
Or	
InvoiceId	Id of the invoice.
InvoiceLineSequenceId	The sequential line number within the parent invoice.

7.2 UpsertInvoiceLine

Element Name	Description
InvoiceId	Id of the invoice. Mandatory to insert an invoice line
InvoiceLineId	Id of the invoice line. If it does not exist a new invoice line is created
UserStatus	Status of the line visible to the user e.g. PD – Ready for Payment
Quantity	Number of units. Uses system setting “Default Invoice Line Quantity” as a default
BenefitId	ComponentId of the Benefit
SubBenefitId	ComponentId of the SubBenefit
BenefitDetailId	ComponentId of the Benefit Detail Limit
Amount	Invoice Line amount (default to Invoice currency)
AmountCurrencyCode	Currency code of Amount e.g.GBP
DeniedAmount	Invoice Line denied amount (default so Invoice currency)
DeniedAmountCurrencyCode	Currency code of DeniedAmount e.g.GBP
Username	Username of user making change. Used to Audit all changes
ChangeDate	Date of the change
ServiceDate	Start date of the service for the line
ServiceEndDate	End date of the service for the line
Status	System status of the line
RevenueCode	Revenue (AKA CPT Code) of the line
DeniedAmount	Invoice Line denied amount (default so Invoice currency)
DeniedAmountCurrencyCode	Currency code of DeniedAmount e.g.GBP
CoInsuranceAmount	Invoice Line coinsurance amount (default so Invoice currency)
CoInsuranceAmountCurrencyCode	Currency code of CoInsuranceAmount e.g.GBP
SettledAmount	Invoice Line settled amount (default so Invoice currency)
SettledAmountCurrencyCode	Currency code of SettledAmount e.g.GBP
PolicyExcessAmount	Invoice Line denied amount (default so Invoice currency)
PolicyExcessAmountCurrencyCode	Currency code of PolicyExcessAmount e.g.GBP
InvoiceLineSequenceId	The sequential line number within the parent invoice.
ServiceTypeId	ServiceTypeId of the ServiceType
PreAdjudicationDiscount	Pre adjudication discount amount
IsPreDiscountAnAmount	Is pre adjudication discount an amount or percentage (true if an amount)
GrossAmount	Gross amount of the invoice line
InvoiceAmount	Is the amount of the invoice (sum of invoice line amounts)
InvoiceDiscountAmount	Is the amount of discount on the invoice (sum of invoice line discount amounts)
InvoiceCurrency	Is the currency that the invoice is in.
ReasonCode	Is the CodeId of the reason code (InvoiceLineStatusReasons codeset)
ReasonSource	Is set to “codeset” when the reason is a codeset
ReasonText	Is the code's description
AdditionalDeductions	arrayOfInvoiceLineDeduction (8.4). Is the list of additional deductions associated with that invoice line.

7.3 InvoiceLineOnly

Element Name	Description
InvoiceId	Id of the invoice. Mandatory to insert an invoice line
InvoiceLineId	Id of the invoice line. If it does not exist a new invoice line is created
UserStatus	Status of the line visible to the user e.g. PD – Ready for Payment
Quantity	Number of units. Uses system setting “Default Invoice Line Quantity” as a default
BenefitId	ComponentId of the Benefit
BenefitName	Benefit name
SubBenefitId	ComponentId of the SubBenefit
SubBenefitName	Sub benefit name
BenefitDetailId	ComponentId of the Benefit Detail Limit
BenefitDetailName	Benefit detail name
Amount	Invoice Line amount (default to Invoice currency)
DeniedAmount	Invoice Line denied amount (default so Invoice currency)
ServiceDate	Start date of the service for the line
ServiceEndDate	End date of the service for the line
Status	System status of the line
RevenueCode	Revenue code
RevenueCodeDescription	Revenue description (AKA CPT Code) of the line
CoInsuranceAmount	Invoice Line coinsurance amount (default so Invoice currency)
SettledAmount	Invoice Line settled amount (default so Invoice currency)
PolicyExcessApplied	Policy excess amount
InvoiceLineSequenceId	The sequential line number within the parent invoice.
BenefitServiceId	ServiceTypeId of the ServiceType
BenefitServiceCode	Benefit service code
BenefitServiceDescription	Benefit service description
BenefitServiceCategoryDescription	Benefit service category description
PreAdjudicationDiscount	Pre adjudication discount amount
IsPreDiscountAnAmount	Is pre adjudication discount an amount or percentage (true if an amount)
GrossAmount	Gross amount of the invoice line
ReasonCode	Is the CodeId of the reason code (InvoiceLineStatusReasons codeset)
ReasonSource	Is set to “codeset” when the reason is a codeset
ReasonText	Is the code’s description
BenefitExcessApplied	Amount of benefit excess applied
ClaimAdditionalInfo	arrayOfAdditionalInfo
AdditionalDeductions	arrayOfInvoiceLineDeduction (8.4). Is the list of additional deductions associated with that invoice line.

7.4 InvoiceLineAdditionalDeduction

Element Name	Description
AmountType	DeductionAmountType (8.5)
Amount	Amount of the deductible (in the selected currency)
AmountPbc	Amount of the deductible (in the product based currency)
DeductionCurrency	DeductionCurrency (8.6)

7.5 DeductionAmountType

Element Name	Description
AmountType	Code description of the selected deductible
AmountTypeCodeSetId	CodeSet Id for the CodeSet with ViewName ‘ClaimAdditionalDeductionType’

AmountTypeCodeId	Code Id of the selected deductible
----------------------------------	------------------------------------

7.6 DeductionCurrency

Element Name	Description
CurrencyCode	Currency code description of the selected deductible
CurrencyId	Currency Id of the selected deductible

GetInvoiceWithInvoiceLines

7.7 GetInvoiceWithInvoiceLines

Element Name	Description
InvoiceId	Id of the invoice to return

This will return the same invoice data as GetInvoice (ref: section 6.2) combined with a collection of invoice lines (ref: section 3.3.6)

8 GetInvoiceLinesByInvoiceId

8.1 GetInvoiceLinesByInvoiceId

Element Name	Description
InvoiceId	Id of the invoice to for with invoice lines are required

This will return a collection of invoice lines (ref: [section 3.3.6](#))

9 GetAssessmentAdditionalInformation / UpdateAssessmentAdditionalInformation

9.1 GetAssessmentAdditionalInformation

Element Name	Description
AssessmentId	Id of the assessment for additional information to return
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return an array of additional information item (ref: [section 3.3.7](#)).

9.2 UpdateAssessmentAdditionalInformation

Element Name	Description
AssessmentId	Id of the assessment. Mandatory to update additional information
ChangeByUserId	Id of user updating the additional information. Mandatory.
Items	Array of additional information items to update/insert. Mandatory.

```
<ns1:Items>
<!--Zero or more repetitions:-->
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription1</ns2:Name>
    <ns2:Value>Value1</ns2:Value>
  </ns2:AdditionalInfo>
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription2</ns2:Name>
    <ns2:Value>Value2</ns2:Value>
  </ns2:AdditionalInfo>
</ns1:Items>
```

This will return success true if update/insert successful, success false and errors collection if failed.

10 GetTreatmentAdditionalInformation / UpdateTreatmentAdditionalInformation

10.1 GetTreatmentAdditionalInformation

Element Name	Description
TreatmentId	Id of the treatment for additional information to return
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return an array of additional information item (ref: [section 3.3.7](#)).

10.2 UpdateTreatmentAdditionalInformation

Element Name	Description
TreatmentId	Id of the treatment. Mandatory to update additional information.
ChangeByUserId	Id of user updating the additional information. Mandatory.
Items	Array of additional information items to update/insert. Mandatory.

```
<ns1:Items>
<!--Zero or more repetitions:-->
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription1</ns2:Name>
    <ns2:Value>Value1</ns2:Value>
  </ns2:AdditionalInfo>
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription2</ns2:Name>
    <ns2:Value>Value2</ns2:Value>
  </ns2:AdditionalInfo>
</ns1:Items>
```

This will return success true if update/insert successful, success false and errors collection if failed.

11 GetInvoiceAdditionalInformation / UpdateInvoiceAdditionalInformation

11.1 GetInvoiceAdditionalInformation

Element Name	Description
InvoiceId	Id of the invoice for additional information to return
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return an array of additional information item (ref: [section 3.3.7](#)).

11.2 UpdateInvoiceAdditionalInformation

Element Name	Description
InvoiceId	Id of the invoice. Mandatory to update additional information.
ChangeByUserId	Id of user updating the additional information. Mandatory.
Items	Array of additional information items to update/insert. Mandatory.

```
<ns1:Items>
<!--Zero or more repetitions:-->
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription1</ns2:Name>
    <ns2:Value>Value1</ns2:Value>
  </ns2:AdditionalInfo>
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription2</ns2:Name>
    <ns2:Value>Value2</ns2:Value>
  </ns2:AdditionalInfo>
</ns1:Items>
```

This will return success true if update/insert successful, success false and errors collection if failed.

12 GetInvoiceLineAdditionalInformation / UpdateInvoiceLineAdditionalInformation

12.1 GetInvoiceLineAdditionalInformation

Element Name	Description
InvoiceLineId	Id of the invoice line for additional information to return
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return an array of additional information item (ref: [section 3.3.7](#)).

12.2 UpdateInvoiceLineAdditionalInformation

Element Name	Description
InvoiceLineId	Id of the invoice line. Mandatory to update additional information.
ChangeByUserId	Id of user updating the additional information. Mandatory.
Items	Array of additional information items to update/insert. Mandatory.

```
<ns1:Items>
<!--Zero or more repetitions:-->
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription1</ns2:Name>
    <ns2:Value>Value1</ns2:Value>
  </ns2:AdditionalInfo>
  <ns2:AdditionalInfo>
    <ns2:Name>InfoDescription2</ns2:Name>
    <ns2:Value>Value2</ns2:Value>
  </ns2:AdditionalInfo>
</ns1:Items>
```

This will return success true if update/insert successful, success false and errors collection if failed.

12.3 UpdateInvoiceStatus

Element Name	Description
RequestReference	Unique reference for this request according to client format.
InvoiceId	Id of Invoice to be updated with new payment status. Mandatory.
InvoiceStatus	New status of invoice. Note: only certain status progressions are permitted, e.g. to "Declined" or "Paid Externally".
UserName	Name of User updating the Invoice Status.
DisableInvoiceLineProcessing	If missing or "false", invoice lines will have their statuses updated to Paid under certain circumstances as with existing behaviour. If set to true all InvoiceLine logic will be disabled and no invoice lines statuses will be updated.

This will return success true if the update was successful, else success false and error collection if failed.

13 GetInvoiceWithInvoiceLinesAndAdditionalInfo

13.1 GetInvoiceWithInvoiceLinesAndAdditionalInfo

Element Name	Description
InvoiceId	Id of the invoice to return
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return the same invoice data as GetInvoice (ref: [section 7.1](#)) combined with a collection of invoice lines (ref: [section 4.1.6](#)). Each invoice line will return an array of additional information item (ref: [section 4.1.7](#)).

14 GetInvoiceByTreatmentWithAdditionalInfo

14.1 GetInvoiceByTreatmentWithAdditionalInfo

Element Name	Description
TreatmentId	Id of the invoice to return
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return a list of invoices by specified treatment id with the same invoice data as GetInvoice (ref: [section 7.1](#)). Each invoice will return an array of additional information item (ref: [section 4.1.7](#)).

15 GetInvoiceByTreatment

17.1 GetInvoiceByTreatment

Element Name	Description
TreatmentId	Id of the invoice to return

```
<ns2:TreatmentId>?</ns2:TreatmentId>
```

This will return invoice data (ref: [section 7.1](#)) by passing the TreatmentId.

16 GetAssessmentWithAdditionalInfo

16.1 GetAssessmentWithAdditionalInfo

Element Name	Description
AssessmentId	Id of the assessment returned.
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return the same invoice data as GetAssessment (ref: [section 5.1](#)) and an array of additional information item (ref: [section 4.1.7](#)).

17 GetTreatmentWithAdditionalInfo

17.1 GetTreatmentWithAdditionalInfo

Element Name	Description
--------------	-------------

TreatmentId	Id of the treatment returned.
OrderBy	Array of sort item use to control order of additional information items returned.

```

<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>

```

This will return the same invoice data as GetTreatment (ref: [section 6.1](#)) and an array of additional information item (ref: [section 4.1.7](#)).

18 CopyInvoice

18.1 CopyInvoice

Element Name	Description
InvoiceId	Id of the invoice to copy.
UserName	Authorised Actisure user name.
ChangeDate	Date of invoice copy request to be made.

This will copy the selected invoice and return a newly generated InvoiceId.

19 GetInvoiceWithAdditionalInfo

19.1 GetInvoiceWithAdditionalInfo

Element Name	Description
InvoiceId	Id of the invoice to return
OrderBy	Array of sort item use to control order of additional information items returned.

```
<ns1:OrderBy>
<!--Zero or more repetitions:-->
  <ns1:SortItem>
    <ns1:Key>?</ns1:Key>
    <ns1:Order>?</ns1:Order>
  </ns1:SortItem>
</ns1:OrderBy>
```

This will return the same invoice data as GetInvoice (ref: [section 7.1](#)) and an array of additional information item (ref: [section 4.1.7](#)).

20 CopyPreAuthorisedInvoice

20.1 CopyPreAuthorisedInvoice

Element Name	Description
PreAuthorisedInvoiceId	Id of the invoice to copy.
UserName	Authorised Actisure user name.
ChangeDate	Date of invoice copy request to be made.

This will copy the selected Pre Authorised invoice to Treatment invoice and return a newly generated InvoiceId.

21 LoadInvoiceToClaim

23.1 Operation

To add a new invoice to an existing claim, call the operation 'LoadInvoiceToClaim', passing a LoadInvoiceToClaimRequestMessage.

23.2 LoadInvoiceToClaimRequest

Element Name	Description
RequestReference	Reference to be returned to request in the element < RequestReference >
ValidationOverrides	See validation overrides

InvoiceRequest	The Invoice request (see below)
PreventStp	By default, the ClaimsLoad service will send an NServiceBus message to begin the STP process in order to adjudicate an invoice when the LoadInvoiceToClaim method is called. If this behaviour is not desired a "PreventStp" element can be added and set to "true".

23.3 InvoiceRequest

Element Name	Description
RequestReference	Reference to be returned to request in the element < RequestReference >
AssessmentId	The Id of the assessment the Invoice will be added to
ExternalReference	Use to find existing ClaimAssessment via clients own reference. Match where Assessment additional info type of "ImportReference"
ProcedureCode	Used to determine which Treatment to add the Invoice to
Invoice	The Invoice (see below)

23.4 Invoice

This will return an Invoice item (ref: [section 4.1.5](#))

23.5 InvoiceLine

This will return an InvoiceLine item (ref: [section 4.1.6](#))

23.6 LoadInvoiceToClaimResponseMessage

The result of LoadInvoiceToClaim is a [LoadInvoiceToClaimResponseMessage](#)

Element Name	Description
ActisureHeader	
LoadClaimResponse	

23.6.1 LoadClaimResponse

This will return a LoadClaimResponse item (ref: [section 4.1.9](#))

23.6.2 AssessmentCreated

This will return an AssessmentCreated item (ref: [section 4.1.10](#))

23.6.3 TreatmentCreated

This will return a TreatmentCreated item (ref: [section 4.1.11](#))

23.6.4 InvoiceCreated

This will return an InvoiceCreated item (ref: [section 4.1.12](#))

22 LoadTreatment

24.1 Operation

To add a new treatment to a claim, call the operation 'LoadTreatment', passing a LoadTreatmentRequestMessage.

24.2 LoadTreatmentRequest

Element Name	Description
RequestReference	Reference to be returned to request in the element < RequestReference >
ValidationOverrides	See validation overrides

Treatment	See Treatment (below)
AssessmentId	The Id of the Assessment the Treatment will be associated with

24.3 Treatment

This will return a Treatment item (ref: [section 4.1.4](#))

24.4 Invoice

This will return an invoice item (ref: [section 4.1.5](#))

24.5 InvoiceLine

This will return an InvoiceLine item (ref: [section 4.1.6](#))

24.6 AdditionalInformationItem

This will return an AdditionInformationItem (ref: [section 4.1.7](#))

24.7 LoadTreatmentResponseMessage

The result of LoadTreatment is a [LoadTreatmentResponseMessage](#)

Element Name	Description
ActisureHeader	
LoadTreatmentResponse	

24.7.1 LoadTreatmentResponse

Element Name	Description
RequestReference	The Request reference sent in the request RequestReference field
TreatmentId	The Id of the ClaimAssessment created
Success	True if there were not errors of type Error
Errors	List of Errors
TreatmentCreated	Summary details of the Assessment, Treatment and Invoices create

24.7.2 TreatmentCreated

Element Name	Description
TreatmentId	The Id of the ClaimTreatment created
ProcedureDescription	The procedure description of the treatment
InvoicesCreated	Optional List of InvoiceCreated items. A summary of Invoices created

24.7.3 InvoiceCreated

Element Name	Description
InvoiceId	The Id of the ClaimTreatmentInvoice created

23 DuplicateCheck

23.1 Operation

This method returns duplicate invoices based on the specified invoice and invoice line details. The fields used during duplicate checking will be based on the product configuration.

23.2 DuplicateCheckRequest

Element Name	Description
RequestReference	Reference to be returned to request in the element < RequestReference >
DuplicateCheckInvoice	See DuplicateCheckInvoice. These are invoice header details to be checked.
DuplicateCheckInvoiceLines	An array of DuplicateCheckInvoiceLine. These are invoice line details to be checked.
DuplicateCheckPerInvoiceLine	If true then the duplicate check will be per invoice line, rather than per invoice. This means that duplicate invoices lines may be found on the same invoice.

23.3 DuplicateCheckResponse

Element Name	Description
RequestReference	The request reference sent in the request RequestReference field.
DuplicatesFound	Returns true if any duplicate invoices were found.
DuplicateCheckId	The id of the duplicate check that was used.
DuplicateInvoices	A list of invoice ids that were flagged as duplicates.
DuplicateInvoiceLines	A list of invoice line ids that were flagged as duplicates.
MatchingFields	String descriptions of the matching fields.

23.3 DuplicateCheckInvoice

Element Name	Description
CurrentInvoiceId	The id of the current invoice. This invoice will be excluded from the list of duplicates when the duplicate check is not per invoice line (DuplicateCheckPerInvoiceLine on DuplicateCheckRequest).
CurrentInvoiceLineId	The id of the current invoice line. This invoice line will be excluded from the list of duplicates.
PolicyId	The invoice's policy id.
BeneficiaryId	The invoice's beneficiary id.
AdmissionDate	The invoice's admission date.
DischargeDate	The invoice's discharge date.
ExchangeRateDate	The invoice's exchange rate date.
GrossInvoiceAmount	The invoice's gross invoice amount in the invoice currency.
InvoiceAmount	The invoice's invoiced amount in the invoice currency.
InvoiceDate	The invoice's invoice date.
InvoiceFrom	The invoice's invoice from entity id.
InvoiceReference	The invoice's invoice reference.
PaymentCurrencyId	The invoice's payment currency id.
PaymentMethodId	The invoice's payment method id.
PayeeId	The invoice's payee entity id.
PaymentAccountId	The invoice's payment account id.
ReceivedDate	The invoice's received date.
TreatmentCountryId	The invoice's treatment country entity id.
TreatmentDate	The invoice's treatment date.

23.3 DuplicateCheckInvoiceLine

Element Name	Description
BenefitDetailId	The invoice line's benefit detail component id.
ServiceDate	The invoice line's service date.
GrossAmount	The invoice line's gross invoice amount in the invoice currency.
InvoicedAmount	The invoice line's invoiced amount in the invoice currency.
ServiceType	The invoice line's service type id. This can be excluded if the invoice line has no service type.

24 Responses

24.1 Success

A successful request will return a response where **Success** is **true** and **ActisureId** is set to the AssessmentId of claim record created.

```
<LoadClaimResponse>
  <RequestReference>Request reference passed back to response</RequestReference>
  <ActisureId>123456</ActisureId>
  <Success>true</Success>
  </Errors>
</LoadClaimResponse>
```

The errors collection may contain warnings when **Success** is **true**.

24.2 Fail

A failure can be as a result of a business error or a technical error.

24.2.1 Business Errors

A failed request will set **Success** to false and return a collection 1 or more errors of type "Error".

```
<LoadClaimResponse>
  <RequestReference> </RequestReference>
  <ActisureId>0</ActisureId>
  <Success>false</Success>
  <Errors>
    <ErrorMessage>
      <code>9999</code>
      <type>Error</type>
      <message>short message</message>
      <detail>message detail</detail>
    </ErrorMessage>
  </Errors>
</LoadClaimResponse>
```

For a list of business errors, please see the document 'Claims Load Business Validation Summary.pdf.'
Validation errors can be controlled through the use of validation overrides. (See "Validation Overrides" below.)

24.2.2 Technical Errors

If a Technical error occurs, then a SOAP Fault will be passed back.
The SOAP Fault will contain standard SOAP Fault elements and the Act_FaultContract.
The Number and Description will be located in the Act_FaultContract.
A list of Technical errors that will be present in the Act_FaultContract are below.
The SOAP Fault Code will be set to -1.
The SOAP Fault String will be set to 'Internal Error'.

Number	Description	Notes
90001	Internal Error	Unhandled exceptions within the service.
90002	Actisure database is unavailable	Actisure database is unavailable
90003	Actisure database error	An error has occurred on the Actisure database
90004	Configuration Error in 'Service xxx'	Config settings for service incorrect