



Richtlinien fuer Lohndatenendreceiver

Lohnstandard-CH (ELM) / SalaryDeclaration

Eine Gemeinschaftsarbeit der / En cooperation avec eAHV, SUVA, SSK/Stv-BE, BFS und SVV.

Technical Schemadocumentation (TechDoc)

Filename: SalaryDeclarationConsumerContainerTechDoc_de.pdf

Status: final

Schema: SalaryDeclarationConsumerContainer.xsd

Namespace:

<http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationConsumerContainer>

Schemaversion: 20130514 / 0.0 (major / minor)

Generated with an adaption of xs3p (<http://titanium.dstc.edu.au/xml/xs3p/>)

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1. Schema Document Properties

Target Namespace	http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationConsumerContainer
Version	0.0
Element and Attribute Namespaces	Global element and attribute declarations belong to this schema's target namespace. By default, local element declarations belong to this schema's target namespace. By default, local attribute declarations have no namespace.
Schema Composition	This schema imports schema(s) from the following namespace(s): <i>http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationContainer</i> (at SalaryDeclarationContainer.xsd) <i>http://www.swissdec.ch/schema/sd/20130514/SalaryDeclaration</i> (at SalaryDeclaration.xsd)

Declared Namespaces

Prefix	Namespace
xml	http://www.w3.org/XML/1998/namespace
sdcc	http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationConsumerContainer
xs	http://www.w3.org/2001/XMLSchema
sdcc	http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationContainer
sd	http://www.swissdec.ch/schema/sd/20130514/SalaryDeclaration

Schema Component Representation

```
<xs:schema
targetNamespace="http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationConsumerContainer" elementFormDefault="qualified" attributeFormDefault="unqualified" version="0.0">
  <xs:import namespace="http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationContainer" schemaLocation="SalaryDeclarationContainer.xsd"/>
  <xs:import namespace="http://www.swissdec.ch/schema/sd/20130514/SalaryDeclaration" schemaLocation="SalaryDeclaration.xsd"/>
  ...
</xs:schema>
```

3. Global Definitions

2.18 Complex Type: **ConsumerNotificationsType**

Name	ConsumerNotificationsType
------	---------------------------

Schema Component Representation

```

<xs:complexType name="ConsumerNotificationsType">
  <xs:sequence>
    <xs:element name="Warning" type="sdcc:ConsumerNotificationType" minOccurs="0"/>
    <xs:element name="Info" type="sdcc:ConsumerNotificationType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

Documentation: Schema Component Representation

Warning	Translation: Warnungen, die an den Consumer geschickt werden
Info	Translation: Informationen, die an den Consumer zurückgeschickt werden

2.19 Complex Type: ConsumerNotificationType

Name	ConsumerNotificationType
------	--------------------------

Schema Component Representation

```

<xs:complexType name="ConsumerNotificationType">
  <xs:sequence>
    <xs:element name="Notification" type="sdcc:NotificationType" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>

```

Documentation: Schema Component Representation

2.23 Complex Type: ConsumerResponseContextType

Name	ConsumerResponseContextType
------	-----------------------------

Schema Component Representation

```

<xs:complexType name="ConsumerResponseContextType">
  <xs:sequence>
    <xs:element name="ConsumerResponseID" type="sdcc:IDType"/>
    <xs:element name="DistributorRequestID" type="sdcc:IDType"/>
    <xs:element name="TestCase" type="sdcc:EmptyType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

Documentation: Schema Component Representation

ConsumerResponseID	Translation: AntwortID Short: ID der Antwort
DistributorRequestID	Translation: AuftragsID
TestCase	Translation: Testfall Short: Testfall-Kennzeichnung Technical: Die Daten wurden empfangen und quittiert. Aber OHNE PRO-

DUKTIVE VERARBEITUNG!!!

2.21 Complex Type: DeclareSalaryConsumerResponseType

Name	DeclareSalaryConsumerResponseType
-------------	--

Schema Component Representation

```
<xs:complexType name="DeclareSalaryConsumerResponseType">
  <xs:sequence>
    <xs:element name="ConsumerResponseContext" type="sdcc:ConsumerResponseContextType"/>
    <xs:element name="JobState" type="sdcc:JobStateType"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation**2.7 Complex Type: DeclareSalaryConsumerType**

Name	DeclareSalaryConsumerType
-------------	----------------------------------

Schema Component Representation

```
<xs:complexType name="DeclareSalaryConsumerType">
  <xs:sequence>
    <xs:element name="DistributorRequestContext" type="sdcc:DistributorRequestContextType"/>
    <xs:element name="DeclareSalary" type="sdc:SalaryDeclarationRequestType">
      <xs:unique name="AHV-AVS-ID-Key">
        <xs:selector xpath="sdc:SalaryDeclaration/sd:Company/sd:Institutions/sd:AHV-AVS"/>
        <xs:field xpath="@institutionID"/>
      </xs:unique>
        <xs:keyref name="" refer="sdcc:AHV-AVS-ID-Key">
          <xs:selector xpath="sdc:Job/sdc:Addressees/sdc:AHV-AVS"/>
          <xs:field xpath="@institutionIDRef"/>
        </xs:keyref>
        <xs:unique name="UVG-LAA-ID-Key">
          <xs:selector xpath="sdc:SalaryDeclaration/sd:Company/sd:Institutions/sd:UVG-LAA"/>
          <xs:field xpath="@institutionID"/>
        </xs:unique>
        <xs:keyref name="" refer="sdcc:UVG-LAA-ID-Key">
          <xs:selector xpath="sdc:Job/sdc:Addressees/sdc:UVG-LAA"/>
          <xs:field xpath="@institutionIDRef"/>
        </xs:keyref>
        <xs:unique name="UVGZ-LAAC-ID-Key">
          <xs:selector xpath="sdc:SalaryDeclaration/sd:Company/sd:Institutions/sd:UVGZ-LAAC"/>
          <xs:field xpath="@institutionID"/>
        </xs:unique>
        <xs:keyref name="" refer="sdcc:UVGZ-LAAC-ID-Key">
          <xs:selector xpath="sdc:Job/sdc:Addressees/sdc:UVGZ-LAAC"/>
          <xs:field xpath="@institutionIDRef"/>
        </xs:keyref>
      </xs:element>
  </xs:sequence>
</xs:complexType>
```

```

<xs:unique name="KTG-AMC-ID-Key">
<xs:selector xpath="sdc:SalaryDeclaration/sd:Company/sd:Institutions/sd:KTG-AMC"/>
<xs:field xpath="@institutionID"/>
</xs:unique>
<xs:keyref name="" refer="sdcc:KTG-AMC-ID-Key">
<xs:selector xpath="sdc:Job/sdc:Addressees/sdc:KTG-AMC"/>
<xs:field xpath="@institutionIDRef"/>
</xs:keyref>
<xs:unique name="BVG-LPP-ID-Key">
<xs:selector xpath="sdc:SalaryDeclaration/sd:Company/sd:Institutions/sd:BVG-LPP"/>
<xs:field xpath="@institutionID"/>
</xs:unique>
<xs:keyref name="" refer="sdcc:BVG-LPP-ID-Key">
<xs:selector xpath="sdc:Job/sdc:Addressees/sdc:BVG-LPP"/>
<xs:field xpath="@institutionIDRef"/>
</xs:keyref>
<xs:unique name="FAK-CAF-ID-Key">
<xs:selector xpath="sdc:SalaryDeclaration/sd:Company/sd:Institutions/sd:FAK-CAF"/>
<xs:field xpath="@institutionID"/>
</xs:unique>
<xs:keyref name="" refer="sdcc:FAK-CAF-ID-Key">
<xs:selector xpath="sdc:Job/sdc:Addressees/sdc:FAK-CAF"/>
<xs:field xpath="@institutionIDRef"/>
</xs:keyref>
</xs:element>
</xs:sequence>
</xs:complexType>

```

Documentation: Schema Component Representation

DeclareSalary

2.8 Complex Type: DistributorRequestContextType

Name	DistributorRequestContextType
------	-------------------------------

Schema Component Representation

```

<xs:complexType name="DistributorRequestContextType">
<xs:sequence>
<xs:element name="UserAgent" type=" sdcc:UserAgentType "/>
<xs:element name="TransmissionDate" type=" xs:dateTime "/>
<xs:element name="DeclarationID" type=" sdcc:IDType "/>
<xs:element name="DistributorRequestID" type=" sdcc:IDType "/>
<xs:element name="TestCase" type=" sdcc:EmptyType " minOccurs="0"/>
<xs:element name="Duplicate" type=" sdcc:DuplicateType " minOccurs="0"/>
<xs:element name="SubstitutionMapping" type=" sdcc:SubstitutionMappingType " minOccurs="0"/>
<xs:element name="VersionMappingFrom" type=" sdcc:VersionMappingFromType " minOccurs="0"/>
<xs:element name="ProducerSecurityTokens" type=" sdcc:ProducerSecurityTokensType ">
<xs:unique name="x509token">
<xs:selector xpath="sdcc:X509Certificate"/>
<xs:field xpath="sdcc:Usage"/>
<xs:field xpath="sdcc:DistinguishedNameOwner"/>
</xs:unique>
</xs:element>
<xs:element name="ProducerResponseNotifications" type=" sdcc:ProducerResponseNotificationsType "/>
<xs:element name="ConsumerNotifications" type=" sdcc:ConsumerNotificationsType " minOccurs="0"/>
<xs:element name="Institutions" type=" sd:CustomerIdentificationType " minOccurs="0"/>

```

```
</xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

TransmissionDate	Translation: Übertragungszeitpunkt
DeclarationID	Translation: DeclarationID Short: Gleiche ID in allen Requests (Distributor -> End-Empfänger), Responses (Distributor -> Transmitter), Masken und Pdf's, welche zum identischen Geschäftsvorfall gehören. Damit kann sie als Fallnummer für den Support verwendet werden.
TestCase	Translation: Testfall Short: Testfall-Kennzeichnung Technical: Die Daten wurden empfangen und quittiert. Aber OHNE PRODUKTIVE VERARBEITUNG!!!

2.10 Complex Type: DuplicateType

Name	DuplicateType
------	---------------

Schema Component Representation

```
<xs:complexType name="DuplicateType">
  <xs:sequence>
    <xs:element name="LastDistributorRequestID" type="sdcc:IDType" />
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.28 Complex Type: EmptyType

Name	EmptyType
------	-----------

Schema Component Representation

```
<xs:complexType name="EmptyType"/>
```

Documentation: Schema Component Representation

2.25 Complex Type: GetResultFromDeclareSalaryConsumerResponseType

Name	GetResultFromDeclareSalaryConsumerResponse-
------	---

	Type
--	------

Schema Component Representation

```
<xs:complexType name="GetResultFromDeclareSalaryConsumerResponseType">
  <xs:sequence>
    <xs:element name="ConsumerResponseContext" type="sdcc:ConsumerResponseContextType"/>
    <xs:element name="GetResultFromDeclareSalaryResponse" type="sdc:SalaryResultConsumerType"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.24 Complex Type: **GetResultFromDeclareSalaryConsumerType**

Name	GetResultFromDeclareSalaryConsumerType
------	--

Schema Component Representation

```
<xs:complexType name="GetResultFromDeclareSalaryConsumerType">
  <xs:sequence>
    <xs:element name="DistributorRequestContext" type="sdcc:DistributorRequestContextType"/>
    <xs:element name="GetResultFromDeclareSalary" type="sdc:GetResultFromDeclareSalaryType"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.22 Complex Type: **JobStateType**

Name	JobStateType
------	--------------

Schema Component Representation

```
<xs:complexType name="JobStateType">
  <xs:choice>
    <xs:element name="AHV-AVS" type="sdc:ReducedWorkingStateMultiType"/>
    <xs:element name="UVG-LAA" type="sdc:ReducedWorkingStateMultiType"/>
    <xs:element name="UVGZ-LAAC" type="sdc:ReducedWorkingStateMultiType"/>
    <xs:element name="KTG-AMC" type="sdc:ReducedWorkingStateMultiType"/>
    <xs:element name="BVG-LPP" type="sdc:ReducedWorkingStateMultiType"/>
    <xs:element name="FAK-CAF" type="sdc:ReducedWorkingStateMultiType"/>
    <xs:element name="Tax" type="sdc:TaxWorkingStateConsumerType"/>
    <xs:element name="Statistic" type="sdc:ReducedWorkingStateType"/>
    <xs:element name="TaxAtSource" type="sdc:ReducedWorkingStateMultiType"/>
  </xs:choice>
</xs:complexType>
```


Documentation: Schema Component Representation

2.6 Complex Type: **MessageType**

Name	MessageType
------	-------------

Schema Component Representation

```
<xs:complexType name="MessageType">
  <xs:simpleContent>
    <xs:extension base="xs:string">
      <xs:attribute name="language" type="sdc:LanguageCodeType" use="required"/>
    </xs:extension>
  </xs:simpleContent>
</xs:complexType>
```

Documentation: Schema Component Representation

2.20 Complex Type: **NotificationType**

Name	NotificationType
------	------------------

Schema Component Representation

```
<xs:complexType name="NotificationType">
  <xs:sequence>
    <xs:element name="DescriptionCode" type="sdcc:DescriptionCodeType"/>
    <xs:element name="Description" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

DescriptionCode	Translation: Code der Beschreibung
Description	Translation: Beschreibungstext

2.3 Complex Type: **PingConsumerResponseType**

Name	PingConsumerResponseType
------	--------------------------

Schema Component Representation

```
<xs:complexType name="PingConsumerResponseType">
```

```

<xs:sequence>
  <xs:element name="Timestamp" type=" xs:dateTime "/>
  <xs:choice minOccurs="0">
    <xs:element name="PlannedMaintenance" type=" sdcc:PlannedMaintenanceType "/>
    <xs:element name="NoPlannedMaintenance" type=" sdcc:EmptyType "/>
  </xs:choice>
</xs:sequence>
</xs:complexType>

```

Documentation: Schema Component Representation

2.1 Complex Type: **PingConsumerType**

Name	PingConsumerType
------	------------------

Schema Component Representation

```

<xs:complexType name="PingConsumerType">
  <xs:sequence>
    <xs:element name="Timestamp" type=" xs:dateTime "/>
    <xs:element name="NextCheck" type=" xs:dateTime "/>
    <xs:element name="RegisteredMaintenance" type=" sdcc:RegisteredMaintenanceType " minOccurs="0"/>
  </xs:sequence>
</xs:complexType>

```

Documentation: Schema Component Representation

2.4 Complex Type: **PlannedMaintenanceType**

Name	PlannedMaintenanceType
------	------------------------

Schema Component Representation

```

<xs:complexType name="PlannedMaintenanceType">
  <xs:sequence>
    <xs:element name="Start" type=" xs:dateTime "/>
    <xs:element name="End" type=" xs:dateTime "/>
    <xs:element name="ProducerMessages" type=" sdcc:ProducerMessagesType ">
      <xs:unique name="language">
        <xs:selector xpath="sdcc:Message"/>
        <xs:field xpath="@language"/>
      </xs:unique>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

Documentation: Schema Component Representation

2.5 Complex Type: **ProducerMessagesType**

Name	ProducerMessagesType
------	----------------------

Schema Component Representation

```
<xs:complexType name="ProducerMessagesType">
  <xs:sequence>
    <xs:element name="Message" type="sdcc:MessageType" minOccurs="3" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.16 Complex Type: **ProducerNotificationsType**

Name	ProducerNotificationsType
------	---------------------------

Schema Component Representation

```
<xs:complexType name="ProducerNotificationsType">
  <xs:sequence>
    <xs:element name="Notification" type="sdcc:ProducerNotificationType" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

Notification	Translation: Hinweise
--------------	-----------------------

2.17 Complex Type: **ProducerNotificationType**

Name	ProducerNotificationType
------	--------------------------

Schema Component Representation

```
<xs:complexType name="ProducerNotificationType">
  <xs:sequence>
    <xs:element name="QualityLevel" type="sdcc:QualityLevelType"/>
    <xs:element name="DescriptionCode" type="sdcc:DescriptionCodeType"/>
    <xs:element name="Description" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

QualityLevel	Translation: Qualitäts-Stufe
DescriptionCode	Translation: Code der Beschreibung
Description	Translation: Beschreibungstext

2.15 Complex Type: *ProducerResponseNotificationsType*

Name	ProducerResponseNotificationsType
-------------	--

Schema Component Representation

```
<xs:complexType name="ProducerResponseNotificationsType">
  <xs:sequence>
    <xs:element name="Warning" type="sdcc:ProducerNotificationsType" minOccurs="0"/>
    <xs:element name="Info" type="sdcc:ProducerNotificationsType" minOccurs="0"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

Warning	Translation: Warnungen, die an den Producer zurückgeschickt werden
Info	Translation: Informationen, die an den Producer zurückgeschickt werden

2.12 Complex Type: *ProducerSecurityTokensType*

Name	ProducerSecurityTokensType
-------------	-----------------------------------

Schema Component Representation

```
<xs:complexType name="ProducerSecurityTokensType">
  <xs:sequence>
    <xs:element name="Timestamp" type="xs:dateTime" maxOccurs="unbounded"/>
    <xs:element name="X509Certificate" type="sdcc:X509CertificateType" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation**2.2 Complex Type: *RegisteredMaintenanceType***

Name	RegisteredMaintenanceType
-------------	----------------------------------

Schema Component Representation

```
<xs:complexType name="RegisteredMaintenanceType">
  <xs:sequence>
    <xs:element name="Start" type="xs:dateTime"/>
    <xs:element name="End" type="xs:dateTime"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.27 Complex Type: **SalaryDeclarationConsumerFaultType**

Name	SalaryDeclarationConsumerFaultType
------	------------------------------------

Schema Component Representation

```
<xs:complexType name="SalaryDeclarationConsumerFaultType">
  <xs:sequence>
    <xs:element name="ConsumerFaultContext" type="sdcc:ConsumerResponseContextType"/>
    <xs:element name="SalaryDeclarationFault" type="sdc:SalaryDeclarationFaultType"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.11 Complex Type: **SubstitutionMappingType**

Name	SubstitutionMappingType
------	-------------------------

Schema Component Representation

```
<xs:complexType name="SubstitutionMappingType">
  <xs:sequence>
    <xs:element name="MappedPredecessorDistributorRequestID" type="sdcc:IDType"/>
    <xs:element name="MappedPredecessorConsumerResponseID" type="sdcc:IDType"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.9 Complex Type: **UserAgentType**

Name	UserAgentType
------	---------------

Schema Component Representation

```
<xs:complexType name="UserAgentType">
  <xs:sequence>
    <xs:element name="Producer" type="xs:string"/>
    <xs:element name="Name" type="xs:string"/>
    <xs:element name="Version" type="xs:string"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

Producer	Translation: Applikations-Hersteller
Name	Translation: Produkt-Name
Version	Translation: Produkt-Version

2.26 Complex Type: **VersionMappingFromType**

Name	VersionMappingFromType
------	------------------------

Schema Component Representation

```
<xs:complexType name="VersionMappingFromType">
  <xs:sequence>
    <xs:element name="WSDLNamespace" type="xs:anyURI"/>
    <xs:element name="ServiceTypesNamespace" type="xs:anyURI"/>
    <xs:element name="SalaryDeclarationMinorVersion" type="xs:decimal"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.13 Complex Type: **X509CertificateType**

Name	X509CertificateType
------	---------------------

Schema Component Representation

```
<xs:complexType name="X509CertificateType">
  <xs:sequence>
    <xs:element name="Usage" type="sdcc:UsageType"/>
    <xs:element name="DistinguishedNameOwner" type="xs:string"/>
    <xs:element name="DistinguishedNameIssuer" type="xs:string"/>
    <xs:element name="SecuredElement" type="xs:string" maxOccurs="unbounded"/>
  </xs:sequence>
</xs:complexType>
```

Documentation: Schema Component Representation

2.30 Simple Type: **DescriptionCodeType**

Name	DescriptionCodeType
Content	Built-in XSD Type: nonNegativeInteger <i>total no. of digits = 7</i>
Documentation	Translation (de): Beschreibungscode Technical description (de): Severity: Information Code 9999 ist immer für Freitext reserviert. Die restlichen Code sind dynamisch in AcknowledgementNotification spezifiziert.

Schema Component Representation

```
<xs:simpleType name="DescriptionCodeType">
  <xs:restriction base="xs:nonNegativeInteger">
    <xs:totalDigits value="7"/>
  </xs:restriction>
</xs:simpleType>
```

Documentation: Schema Component Representation

2.31 Simple Type: **IDType**

Name	IDType
Content	Built-in XSD Type: string <i>length >= 1</i>

Schema Component Representation

```
<xs:simpleType name="IDType">
  <xs:restriction base="xs:string">
    <xs:minLength value="1"/>
    <xs:maxLength value="255"/>
  </xs:restriction>
</xs:simpleType>
```

Documentation: Schema Component Representation

2.29 Simple Type: **QualityLevelType**

Name	QualityLevelType
Content	Built-in XSD Type: NMTOKEN value = {'Validity' 'Plausibility' 'Acceptance' 'Comment'}
Documentation	Translation (de): Qualitäts-Stufen Short description (de): Qualitäts-Stufen der Übermittlung Technical description (de): Folgende Stufen gelten Validity: erste Stufe Plausibility: zweite Stufe Acceptance: dritte Stufe Comment: vierte Stufe

Schema Component Representation

```
<xs:simpleType name="QualityLevelType">
  <xs:restriction base="xs:NMTOKEN">
    <xs:enumeration value="Validity"/>
    <xs:enumeration value="Plausibility"/>
    <xs:enumeration value="Acceptance"/>
    <xs:enumeration value="Comment"/>
  </xs:restriction>
</xs:simpleType>
```

Documentation: Schema Component Representation

2.14 Simple Type: UsageType

Name	UsageType
Content	Built-in XSD Type: NMTOKEN value = {'Signature' 'QualifiedSignature' 'Encryption'}

Schema Component Representation

```
<xs:simpleType name="UsageType">
  <xs:restriction base="xs:NMTOKEN">
    <xs:enumeration value="Signature"/>
    <xs:enumeration value="QualifiedSignature"/>
    <xs:enumeration value="Encryption"/>
  </xs:restriction>
</xs:simpleType>
```

Documentation: Schema Component Representation