



# Directives pour les receveurs des donnees salariales

**Lohnstandard-CH (ELM) / SalaryDeclaration**

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

## Technical Schemadocumentation (TechDoc)

**Filename:** SalaryDeclarationConsumerContainerTechDoc\_fr.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

<b>Target Namespace</b>	http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationConsumerContainer
<b>Version</b>	0.0
<b>Element and Attribute Namespaces</b>	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.
<b>Schema Composition</b>	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" element-
FormDefault="qualified" attributeFormDefault="unqualified" version="0.0">
  <xs:import namespace="http://www.swissdec.ch/schema/sd/20130514/SalaryDeclarationContainer" schemaLo-
cation="SalaryDeclarationContainer.xsd"/>
  <xs:import namespace="http://www.swissdec.ch/schema/sd/20130514/SalaryDeclaration" schemaLocation="Sa-
laryDeclaration.xsd"/>
  ...
</xs:schema>
```

## 3. Global Definitions

### 2.18 Complex Type: **ConsumerNotificationsType**

<b>Name</b>	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

Info

## 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 de la réponse
--------------------	---

DistributorRequestID

TestCase	Translation: Cas de test
----------	--------------------------

Short: Marquage pour cas de test

Technical: Les données sont reçus et acquittés. Mais SANS TRAITEMENT

PRODUCTIVE!!!

## 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

DeclarationID	<b>Translation:</b> DeclarationID <b>Short:</b> Identificateur qui reste le même dans toutes les requêtes (Distributeur -> End-Empfänger), réponses (Distributeur à Transmetteur), masques et Pdf's faisant partie d'une opération commerciale identique. Il peut être utilisé comme numéro de cas pour le support.
TestCase	<b>Translation:</b> Cas de test <b>Short:</b> Marquage pour cas de test <b>Technical:</b> Les données sont reçues et acquittées. Mais SANS TRAITEMENT PRODUCTIVE!!!

### 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**

<b>Name</b>	<b>GetResultFromDeclareSalaryConsumerType</b>
-------------	---

**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**

<b>Name</b>	<b>JobStateType</b>
-------------	---------------------

**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

Description

---

### 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

## 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

DescriptionCode

Description

## 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

Info

## 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

Name

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**

<b>Name</b>	<b>DescriptionCodeType</b>
<b>Content</b>	Built-in XSD Type: nonNegativeInteger <i>total no. of digits = 7</i>
<b>Documentation</b>	<b>Translation (fr):</b> Code de la description <b>Technical description (fr):</b> Severity: Information Le code 9999 est toujours réservé pour un texte libre. Le reste des codes sont spécifiés dynamique dans AcknowledgementNotification.

#### 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**

<b>Name</b>	<b>IDType</b>
<b>Content</b>	Built-in XSD Type: string <i>length &gt;= 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**

<b>Name</b>	<b>QualityLevelType</b>
<b>Content</b>	Built-in XSD Type: NMTOKEN value = {'Validity' 'Plausibility' 'Acceptance' 'Comment'}
<b>Documentation</b>	<b>Translation (fr):</b> Niveaux de qualité <b>Short description (fr):</b> Niveaux de qualité de la transmission <b>Technical description (fr):</b> Il existe les niveaux suivants: Validity: premier niveau Plausibility: deuxième niveau Acceptance: troisième niveau Comment: quatrième niveau

### 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

<b>Name</b>	<b>UsageType</b>
<b>Content</b>	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