

INSIKA Export Format V.2.1.0

Revision: 00

Last change: 27.06.2017

State: released

This document is a translation of the original German version. In case of any discrepancy between the original text and this translation, the German text shall prevail.

About this document

This document contains the specifications of working group INSICA of the ADM e.V. for the export interface.

The publication of the documentation enables interested parties to find information on the principles of the INSICA technology, and are thus fundamentally in a position to implement the concept in practice. The processes, models and interfaces presented have neither the character of standards or regulations, nor are they currently the subject of legal regulations.

The documentation is sent out to registered companies only in order to be able to quickly inform them about changes.

No guarantees or obligations can be derived from the technical contents presented in this description. The authors and the working group assume no liability or responsibility if the concept or parts thereof are adopted and/or implemented.

In-development support for implementations is not possible. Questions about the concept will be answered as far as possible.

Further information: <http://www.insika.de/>

The INSICA project was funded by the Federal Ministry of Economics and Technology under grant number: MNPQ 11/07.

Revision History

Version	Date	Change
0.0.1	04.08.2008	
T106-01	09.03.2010	Publication to registered companies
T110-01	17.02.2015	Updated version number, contents not changed
V210-00	27.06.2017	Publication to registered companies Changes compared to the previous version: <ul style="list-style-type: none"> • Adaptation for third party turnover and delivery note to the TIM interface documentation • Altered lengths for TIM mode 256

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Document:

Title: INSIKA export format
 Revision: 00
 Referenced TIM package: V.2.1.0
 Current XML schema: INSIKA_ExportT106-04.xsd
 Last change: 27.06.2017
 File name: INSIKA_Export_Format-V210-00-en.docx
 Number of pages: 76
 Contact: <http://insika.de/en/contact>

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List of abbreviations

Abbreviation	Explanation
APDU	Application Protocol Data Unit (ISO 7816)
ASCII	American Standard Code for Information Interchange
ASN.1	Abstract Syntax Notation One
BCD	Binary Coded Decimal
BER	Basic Encoding Rules (ASN.1)
BP	here: Booking position (= ITEM)
DER	Distinguished Encoding Rules (ASN.1)
ECDSA	Elliptic Curve Digital Signature Algorithm
ID	IDentification
ITEM	Item, booking position (= BP)
MSB	Most Significant Bit
PIN	Personal Identification Number
SHA-1	Secure Hash Algorithm (FIPS 180)
TIM	Tax Identification Module
TLV	Tag Length Value (BER-TLV)
TP ID	Tax Payer IDentification
VAT ID	Value-added tax ID number
VAT	Value Added Tax
WID	Business Identification Number
XML	eXtensible Markup Language
xxh,	Hexadecimal representation of

Abbreviation	Explanation
xx xxh	the byte xx or bytes xx xx

Glossary

ANSI X9.62	American National Standards Institute: Public Key Cryptography for the Financial Services Industry, The Elliptic Curve Digital Signature Algorithm (ECDSA)
Booking	is executed with the command TRANSACTION
Certificate	here: Electronic certificate, file signed by an authorised body, see also X.509v3
Container	here: Composite TLV object for turnover data
Daily closing	is executed with the command REPORT
FIPS 180	National Institute of Standards and Technology (NIST): Federal Information Processing Standards Publication 180, Secure Hash Standard (SHS), (i.a. definition of SHA-1)
FIPS 186	National Institute of Standards and Technology (NIST): Federal Information Processing Standards Publication 186, Digital Signature Standard (DSS), (i.a. definition of ECDSA)
Hash, hash value	Result of a cryptographic one-way function, or more precisely: Cryptographic hash function, for TIM V.2.1.0: SHA-1
INSIKA	Project name, INSIKA = Integrated security solution for cash registers
ISO/IEC 7816	International Organization for Standardization and the International Electrotechnical Commission, Information Technology – Identification cards – Integrated circuit(s) cards with contacts
ITU-T X.509v3	International Telecommunication Union - Information technology – Open Systems Interconnection – The Directory: Public-key and attribute certificate frameworks (standard for electronic certificates)
ITU-T X.690	International Telecommunication Union - Information technology – ASN.1 encoding rules: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER), (also standardised in ISO/IEC 8825-1)
Negative turnover	Negative portion of the turnover of a booking, negative turnovers are carried forward as positive bookings.
Personalisation	Carried out by the issuing body before output of the TIM
Private key	Private (and confidential) part of the key pair of the TIM, is used for signature generation, non-legible, never leaves the TIM

Profile	here: Definition geared to a special field of application that includes the simulation of accounting items
Public key	Public part of the key pair of the TIM required for signature verification
REPORT	Command to the TIM with which the turnover memories of the TIM are returned. The command performs a "daily closing".
Sequence number	Strictly monotonously ascending number assigned by the TIM
Signature	Electronic signature, is calculated by the TIM
Smart card	Chip card without the software necessary for INSICA (TIM package)
Tax Identification Module (TIM)	Smart card with INSICA software ("TIM package")
TIM package	Software package on the smart card that provides the special INSICA functions
TLV object	here: Data object where the actual data ("value") is preceded by one byte for unambiguous identification ("tag") and one byte as a length field ("length"). (see also "Use of the Basic Encoding Rules" in ISO/IEC 7816-4 Annex D).
TRANSACTION	Command to the TIM with which the data of a booking are transmitted to the TIM. After a positive plausibility check, a signature is returned.
Turnover	VAT-related remuneration for a transaction (and hence the sum of the individual prices of the items of a transaction); is always related to a VAT class; can be transmitted to the TIM as gross or net turnover; monetary unit
Value Added Tax (VAT)	here: (Value-added) tax share of the remuneration for a transaction; here monetary unit
VAT class	Definition independent of current VAT rates, represents the currently valid value-added tax rate
VAT rate	Percentage rate of the value-added tax

1 General Information

1.1 Changes to version T.1.0.6

Changes to version T.1.0.6-02 result for the treatment of turnovers from delivery notes and from third party transactions. The INSIKA TIM Interface Documentation, V.2.1.0 specifies the handling of deliveries notes or services without turnovers and the processing of third party turnovers. These are included in the current schema file. For the elements "sig" and "hashTransactionItems", the modified lengths for the TIM mode 256 have been pointed out. In the <itemList> tag, the reference to a specific profile was also displayed more clearly.

1.2 Document Information

This document describes the export interface of the INSIKA system.

The export interface describes the specifications to be considered for the printout and export of the data signed with a TIM. If the export interface is not operated correctly, the documents and signed data cannot be verified.

Knowledge of the INSIKA concept is necessary in order to understand this document.

1.2.1 Language

This document is a translation of the original German version. The German version already uses English for designators (XML tags) – they remain unchanged.

2 XML Export Format

This chapter defines the export interface of a cash register system or a similar cashier system necessary for the transmission of the journal for verification purposes. In the following, only the term "cash register" is used for these systems. In order to map profile-specific data from other application fields, the element "itemList" is added to "itemList profile = xx with xx equal to profile (for example, <itemListEncoded profile = " taxi "> for INSIKA profile taximeter). The interface is described by an XML schema. The XML export file(s) can be generated directly in the cash register or by downline systems.

2.1 XML Schema

The INSIKA XML schema defines the structure of the XML document. It follows the specifications of the W3C (<http://www.w3.org/TR/xmlschema-0/>). The XML export files can be validated using the XML schema.

The XML schema can be found under: <http://insika.de/export/>

The documentation in HTML format of the XML schema can be found under

<http://insika.de/export/doc/> see INSIKA_ExportV210-00.html

A printout of the current version " INSIKA_ExportV210-00.xsd" can be found under 3.1.

2.1.1 Data Types

As shown in Figure 2-1, specific data types were defined for INSIKA that are based on the standard XML schema data types.

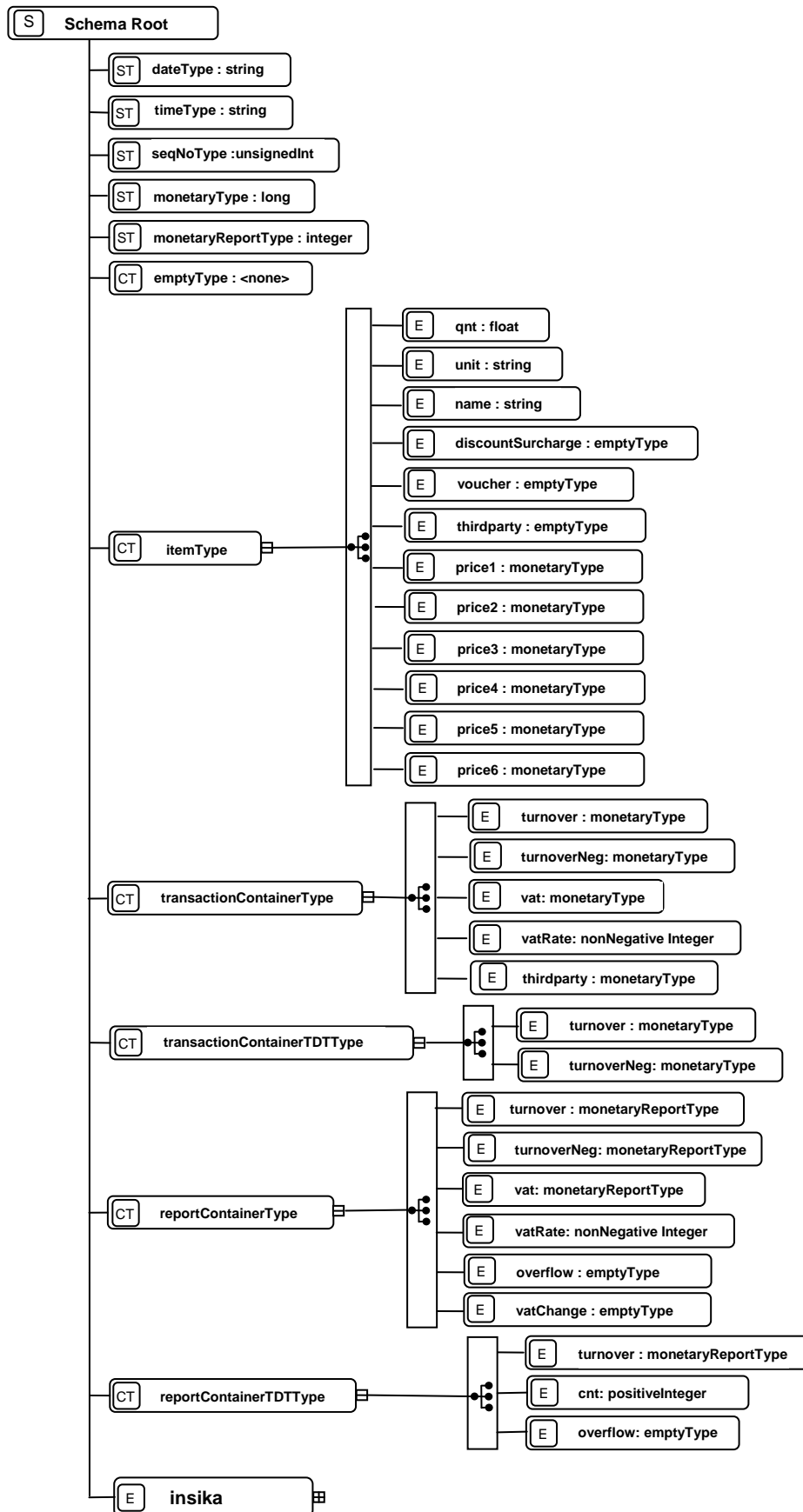


Figure 2-1: Specific data types of the INSIKA XML schema

2.1.2 Structure

Figure 2-2 shows the tree structure of the INSIKA XML schema. The root element <insika> contains TIM parameters, bookings (TRANSACTION) and daily closings (REPORT). Bookings and daily closings can be stored either in comprehensive form (see example under → 2.2 XML Document, Variant "Plain Text") or in Base64 code (→ 2.3 XML Document, Variant "Base64").

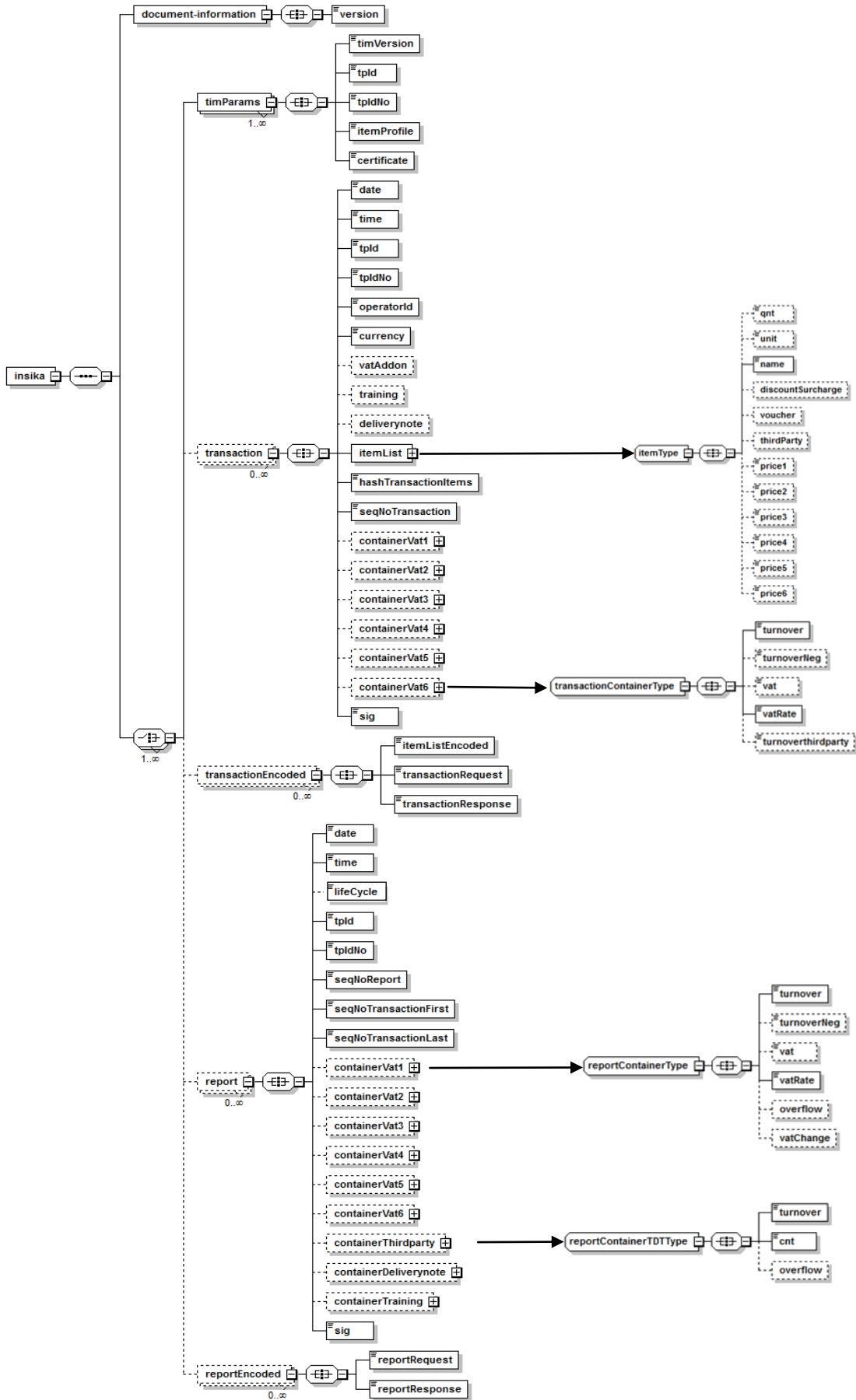


Figure 2-2: Tree of the INSIKA XML schema

2.2 XML Document, Variant "Plain Text"

An example of an XML document of the variant "plain text" is shown below:

```
<?xml version="1.0" encoding="ISO-8859-1"?>
<insika>
  <document-information>
    <version>1.0</version>
  </document-information>
  <timParams>
    <timVersion>T.1.0.6</timVersion>
    <tpld>INSIKA_TEST_PTB</tpld>
    <tpldNo>1</tpldNo>
    <itemProfile>1</itemProfile>

    <certificate>MIIDITCCAgmgAwIBAgIRATNmABtbW1tbfp8nIKsVJRIwDQYJKoZIhvcNAQEFBQAwgYQxCzA
JBgNVBAYTAkRFMS4wLAYDVQQKDQVQaHlzaWthbGlzY2gtVGJjaG5pc2NoZSBCdW5kZXNhbnN0YWx0MSswK
QYDVQQLDCEYXRlbmtvbW11bmlrYXRpb24gdW5kiC1zaWN0ZXJoZWl0MRgwFgYDVQQDDA9QVElgQ0EgMiA
zMDMwXzEwHhcNMTAwMjA0NTI0WWhcNNDAwMjA0MTA0NTI0WjBaMQswCQYDVQQGEwJERTEuMCw
GA1UECgwUUGh5c2lrYWxpc2NoLVRIY2huaXNjaGUgQnVuZGVzYW5zdGFsdDEbMBkGA1UEAwwSSU5TSUtBX1
RFU1RfUFRXcy0xMEIwDAYIKoZlZjODAQEFAAMyAASUvksQiem22ghpFVG8hElxbDul+7Nmrn5Rf5laeVXD/oQJ
eVkcJqlpQIfWV6C5tujgZgwGZUwgYIGA1UdHwR7MHkwd6B1oHOGRGxkYXA6Ly8xOTQuOTQuOTUuNDk6Mzg
5L2NuPUIOU0ILQS1DUkwsIG89Q1JMIERpc3RyaWJ1dGlvbWwZGM9SU5TSUtBhitodHRwOi8vMTk0Ljk1LjQ
5L2NybGRvd25sb2Fkcy9JTINJS0EuY3JsMA4GA1UdDwEBAAQEAWIAGDANBgkqhkiG9w0BAQUFAAOCAQEAiq1
BdOIkuLfeWewNV/apPk6EWNdODUZBHtinVQ9k+ZkF7ArtVq+g798J460q+MzBF3uCW2pZff58word5oeHZd+gz
GvFvemoU40o4YIUx6w3k2a2KPPz94FIaYHzYg2z8t9BxNe/ksUD8UI4mcA/ZIAjCt57UyjrM8D7GTtDxkviOY5Tt
vFr6FokHf9/8x3z+JlThe/InlxfwteKk+Xd8OsoPoZpIPE0K2J7ti+OvRmBwfVAI1fu381dPQ1qY4fzq9KwcfbhfKkOH
RfntmpO3NTZ9k+28afGDhVnq63NJUzC1ybauxI2BUTbkrQptfVSytwfWWkacBU4sMxNEk5Q==</certificate>
  </timParams>
  <transaction>
    <date>20100305</date>
    <time>1157</time>
    <operatorId>Operator 2</operatorId>
    <itemList>
      <item>
        <qnt>1</qnt>
        <name>Mineralwasser</name>
        <price1>69</price1>
      </item>
      <item>
        <qnt>1</qnt>
        <name>Kräuterquark</name>
        <price2>59</price2>
      </item>
      <item>
        <qnt>1</qnt>
        <name>weißer Käse</name>
        <price2>87</price2>
      </item>
    </itemList>
    <hashTransactionItems>6993F5A8697450643A97F6074BCAE2AD6CF02322</hashTransactionItems>
    <currency>0978</currency>
    <containerVat1>
      <turnover>69</turnover>
      <vat>11</vat>
      <vatRate>1900</vatRate>
    </containerVat1>
  </transaction>
</insika>
```

```

<containerVat2>
  <turnover>146</turnover>
  <vat>10</vat>
  <vatRate>0700</vatRate>
</containerVat2>
<tpId>INSIKA_TEST_PTB</tpId>
<tpIdNo>1</tpIdNo>
<seqNoTransaction>99548</seqNoTransaction>

<sig>D1FDF275BDF16F3B119064EE342148ADCB8666BC572D327B88DEBE8899F8484A9302A1A05FACE
48605F712A05FA23F3D</sig>
</transaction>
<report>
  <date>20100305</date>
  <time>1157</time>
  <lifeCycle>03</lifeCycle>
  <tpId>INSIKA_TEST_PTB</tpId>
  <tpIdNo>1</tpIdNo>
  <seqNoReport>130</seqNoReport>
  <seqNoTransactionFirst>1</seqNoTransactionFirst>
  <seqNoTransactionLast>99548</seqNoTransactionLast>
  <containerVat1>
    <turnover>02031</turnover>
    <turnoverNeg>02935</turnoverNeg>
    <vatRate>1900</vatRate>
  </containerVat1>
  <containerVat2>
    <turnover>04384</turnover>
    <turnoverNeg>0</turnoverNeg>
    <vatRate>0700</vatRate>
  </containerVat2>
  <containerVat3>
    <turnover>09952099999900479</turnover>
    <turnoverNeg>0</turnoverNeg>
    <vatRate>2000</vatRate>
  </containerVat3>
  <containerVat4>
    <turnover>-09952099999900479</turnover>
    <turnoverNeg>09952099999900479</turnoverNeg>
    <vatRate>2000</vatRate>
  </containerVat4>
  <containerThirdparty>
    <turnover>-09952099999900479</turnover>
    <cnt>99521</cnt>
    <overflow />
  </containerThirdparty>
  <containerDeliverynote>
    <turnover>09952099999900479</turnover>
    <cnt>99521</cnt>
  </containerDeliverynote>

  <sig>6A6F6331015E7BEA488784E09A378ADF4E2458A6340369E9F73957D131EF3AB08ACE7DE20AF7A
2E0456C9FDED1B1BF91</sig>
</report>
</insika>

```

2.3 XML Document, Variant "Base64"

With the variant "Base64", the TLV objects that are transmitted via the interface of the cash register to the TIM are stored directly in the XML file. Since XML files cannot contain binary data but only text, the data are encoded as Base64 in accordance with RFC 4648 (<http://tools.ietf.org/html/rfc4648>).

XML Tag	Explanation
<code><transactionEncoded></code> <code></transactionEncoded></code>	Contains the data of a transaction, encoded in Base64 format
<code><itemListEncoded></code> <code></itemListEncoded></code>	Contains all the TLV objects of the transaction items (ITEMs) in accordance with the hash specification for transaction items (→2.5 Hash Specification for Transaction Items in document INSIKA profil cash register V.2.1.0)
<code><transactionRequest></code> <code></transactionRequest></code>	Contains all the TLV objects of the transaction item request in accordance with the specification (→ 3.4.1 Transaction in document INSIKA TIM Interface Specification V.2.1.0 TIM interface)
<code><transactionResponse></code> , <code></transactionResponse></code>	Contains all the TLV objects of the transaction response of the TIM (→ 3.4.1 Transaction in document INSIKA TIM Interface Specification V.2.1.0)
<code><reportEncoded></code> <code></reportEncoded></code>	Contains the data of a daily closing report, encoded in Base64 format
<code><reportRequest></code> <code></reportRequest></code>	Contains all the TLV objects of the request for a signed daily closing report in accordance with the specification (→ 3.5.1 REPORT Signed in document document INSIKA TIM Interface Specification V.2.1.0)
<code><reportResponse></code> <code></reportResponse></code>	Contains all the TLV objects of the response of a signed daily closing report in accordance with the specification (→ 3.5.1 REPORT Signed in document INSIKA TIM Interface Specification V.2.1.0)

3 Annex

3.1 XML Schema

When using TIM in 256-bit mode with SHA-256, different values must be considered for XML elements. <http://insika.de/export/>

Important note:

When using TIM in 256-bit mode with SHA-256, different values must be considered for XML elements.

`<xs:element name="sig">: <xs:length value="48"/> → <xs:length value="64"/>`

and

`<xs:element name="hashTransactionItems" ...: <xs:length value="20"/> → <xs:length value="32"/>`

```
<?xml version="1.0" encoding="iso-8859-1"?>
<!-- Mit XMLSpy v2017 sp2 (http://www.altova.com) von ADM bearbeitet -->
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified" blockDefault="#all">
  <xs:simpleType name="dateType">
    <xs:annotation>
      <xs:documentation>string</xs:documentation>
    </xs:annotation>
    <xs:restriction base="xs:string">
      <xs:length value="8"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="timeType">
    <xs:restriction base="xs:string">
      <xs:length value="4"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="seqNoType">
    <xs:restriction base="xs:unsignedInt">
      <xs:minInclusive value="1"/>
      <xs:maxInclusive value="4294967295"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="monetaryType">
    <xs:restriction base="xs:long">
      <xs:minInclusive value="-999999999999"/>
      <xs:maxInclusive value="999999999999"/>
    </xs:restriction>
  </xs:simpleType>
  <xs:simpleType name="monetaryReportType">
    <xs:restriction base="xs:integer"/>
  </xs:simpleType>
  <xs:complexType name="emptyType"/>
  <xs:complexType name="itemType">
    <xs:all>
      <xs:element name="qnt" type="xs:float" minOccurs="0" maxOccurs="1"/>
      <xs:element name="unit" minOccurs="0" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="16"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="name" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:schema>
```

```

        <xs:whiteSpace value="replace"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="discountSurcharge" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="voucher" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="thirdParty" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price1" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price2" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price3" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price4" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price5" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price6" type="monetaryType" minOccurs="0" maxOccurs="1"/>
</xs:all>
</xs:complexType>
<xs:complexType name="transactionContainerType">
  <xs:all>
    <xs:element name="turnover" type="monetaryType" minOccurs="1" maxOccurs="1"/>
    <xs:element name="turnoverNeg" type="monetaryType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vat" type="monetaryType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vatRate" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
          <xs:totalDigits value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="turnoverthirdparty" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
<xs:complexType name="transactionContainerTDDType">
  <xs:all>
    <xs:element name="turnover" type="monetaryType"/>
    <xs:element name="turnoverNeg" type="monetaryType" minOccurs="0"/>
  </xs:all>
</xs:complexType>
<xs:complexType name="reportContainerType">
  <xs:all>
    <xs:element name="turnover" type="monetaryReportType" minOccurs="1" maxOccurs="1"/>
    <xs:element name="turnoverNeg" type="monetaryReportType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vat" type="monetaryReportType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vatRate" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
          <xs:totalDigits value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="overflow" type="emptyType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vatChange" type="emptyType" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
<xs:complexType name="reportContainerTDDType">
  <xs:all>
    <xs:element name="turnover" type="monetaryReportType" minOccurs="1" maxOccurs="1"/>
    <xs:element name="cnt">
      <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
          <xs:totalDigits value="8"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="overflow" type="emptyType" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
<xs:element name="insika">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="document-information">
        <xs:complexType>
          <xs:all>
            <xs:element name="version" type="xs:float"/>

```

```

    </xs:all>
  </xs:complexType>
</xs:element>
<xs:choice maxOccurs="unbounded">
  <xs:element name="timParams" maxOccurs="unbounded">
    <xs:complexType>
      <xs:all>
        <xs:element name="timVersion" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="7"/>
              <xs:maxLength value="10"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="tpId" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="16"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:positiveInteger">
              <xs:maxInclusive value="4294967295"/>
              <xs:minInclusive value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="itemProfile" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:positiveInteger">
              <xs:maxInclusive value="255"/>
              <xs:minInclusive value="1"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="certificate" type="xs:base64Binary" minOccurs="1" maxOccurs="1"/>
      </xs:all>
    </xs:complexType>
  </xs:element>
  <xs:element name="transaction" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
      <xs:all>
        <xs:element name="date" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="dateType">
              <xs:length value="8"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>
        <xs:element name="tpId" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:string">
              <xs:minLength value="1"/>
              <xs:maxLength value="16"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:positiveInteger">
              <xs:totalDigits value="8"/>
            </xs:restriction>
          </xs:simpleType>
        </xs:element>
        <xs:element name="operatorId" minOccurs="1" maxOccurs="1">
          <xs:simpleType>
            <xs:restriction base="xs:string">

```

```

        <xs:minLength value="1"/>
        <xs:whiteSpace value="replace"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="currency">
    <xs:simpleType>
      <xs:restriction base="xs:nonNegativeInteger">
        <xs:totalDigits value="4"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="vatAddon" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="training" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="deliverynote" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="itemList">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="item" type="itemType" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="hashTransactionItems" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
      <xs:restriction base="xs:hexBinary">
        <xs:length value="20"/> <length value=32 at TIM mode 256>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
  <xs:element name="seqNoTransaction" type="seqNoType" minOccurs="1" maxOccurs="1"/>
  <xs:element name="containerVat1" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat2" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat3" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat4" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat5" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat6" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="sig">
    <xs:simpleType>
      <xs:restriction base="xs:hexBinary">
        <xs:length value="48"/> <length value=64 at TIM mode 256>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:all>
</xs:complexType>
</xs:element>
<xs:element name="transactionEncoded" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:all>
      <xs:element name="itemListEncoded" type="xs:base64Binary"/>
      <xs:element name="transactionRequest" type="xs:base64Binary"/>
      <xs:element name="transactionResponse" type="xs:base64Binary"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="report" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:all>
      <xs:element name="date" type="dateType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="lifeCycle" minOccurs="1"/>
    </xs:all>
  </xs:complexType>
  <xs:element name="tpld" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
      <xs:restriction base="xs:string">
        <xs:minLength value="1"/>
        <xs:maxLength value="16"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

```



```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
          <xs:totalDigits value="8"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="seqNoReport">
      <xs:simpleType>
        <xs:restriction base="seqNoType">
          <xs:totalDigits value="10"/>
          <xs:minInclusive value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="seqNoTransactionFirst" type="seqNoType"/>
    <xs:element name="seqNoTransactionLast" type="seqNoType"/>
    <xs:element name="containerVat1" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat2" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat3" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat4" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat5" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat6" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerThirdparty" type="reportContainerTDType" minOccurs="0"/>
    <xs:element name="containerDeliverynote" type="reportContainerTDType" minOccurs="0"/>
    <xs:element name="containerTraining" type="reportContainerTDType" minOccurs="0"/>
    <xs:element name="sig">
      <xs:simpleType>
        <xs:restriction base="xs:hexBinary">
          <xs:length value="48"/> <length value=64 at TIM mode 256>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:all>
</xs:complexType>
</xs:element>
<xs:element name="reportEncoded" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:all>
      <xs:element name="reportRequest" type="xs:base64Binary"/>
      <xs:element name="reportResponse" type="xs:base64Binary"/>
    </xs:all>
  </xs:complexType>
</xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>
</xs:schema>

```

3.2 Example file XML format "plain text"

```

<?xml version="1.0" encoding="ISO-8859-1"?>
<insika>
  <document-information>
    <version>1.0</version>
  </document-information>
  <timParams>
    <timVersion>T.1.0.6</timVersion>
    <tpId>INSIKA_TEST_PTB</tpId>
    <tpIdNo>1</tpIdNo>
    <itemProfile>1</itemProfile>

```

```

<certificate>MIIDITCCAgmgAwIBAgIRATNmABtbW1tbfp8nIKsVJRIwDQYJKoZIhvcNAQEFBQAwgYQxCzA
JBgNVBAYTAkRFMS4wLAYDVQQKDCVQaHlzaWthbGlzY2gtVGJVjaG5pc2NoZSBCdW5kZXNhbnN0YWx0MSswK
QYDVQQQLDCEYXRlbmtvbW11bmlrYXRpb24gdW5kIC1zaWN0ZXJoZWl0MRgwFgYDVQQDDA9QVElgQ0EgMiA
zMDMwXzEwHhcNMTAwMjA0NTI0WhcNNDAwMjA0MTA0NTI0WjBaMQswCQYDVQQGEWJERTEuMCMw
GA1UECglUGH5c2lrYWxpc2NoLVRIY2huaXNjaGUgQnVuZGVzYW5zdGFsdDEbMBkGA1UEAwwSSU5TSUtBX1
RFU1RfUFRcXy0xMEIwDAYIKoZIzj0DAQEFAAMyAASuVksQiem22ghpFVG8hElxbDul+7Nmrn5Rf5laeVXD/oQJ
eVkcJqlpQlfWV6C5tugZgwgZUwgYIGA1UdHwR7MHkwd6B1oHOGRGxkYXA6Ly8xOTQuOTQuOTUuNDk6Mzg
5L2NuPUIOU0ILQS1DUKwslG89Q1JMIERpc3RyaWJ1dGlvbWwgZGM9SU5TSUtBhitodHRwOi8vMTk0Ljk1Ljk1
5L2NybGRvd25sb2Fkcy9JTINJS0EuY3JsMA4GA1UdDwEBAAQEAWIAGDANBgkqhkiG9w0BAQUFAAOCAQEAiq1
BdOikuLfeWewNV/apPk6EWnDOdUZBHtinVQ9k+ZkF7ArtVq+g798J460q+MzBF3uCW2pZff58word5oeHZd+gz
GvFvemoU40o4YIUx6w3k2a2KPPz94FIayHZyG2z8t9BxNe/ksUD8UI4mcA/ZIAjCt57UyjrM8D7GTtDxkviOY5Tt
vFr6FokHf9/8x3z+JlThe/InlxfwteKk+Xd8OsoPoZpIPE0K2J7ti+OvRmBwfVA1fu381dPQ1qY4fzq9KwcfbhfKkOH
RfntmpO3NTZ9k+28afGDhVnq63NJUzC1ybauxl2BUTbkrQptfVSytwfWWkacBU4sMxNEk5Q==</certificate>
</timParams>
<transaction>
  <date>20100305</date>
  <time>1350</time>
  <operatorId>Operator 2</operatorId>
  <itemList>
    <item>
      <qnt>1</qnt>
      <name>Tee</name>
      <price1>105</price1>
    </item>
    <item>
      <qnt>1</qnt>
      <name>Kräuterquark</name>
      <price2>59</price2>
    </item>
    <item>
      <qnt>1</qnt>
      <name>weißer Käse</name>
      <price2>87</price2>
    </item>
  </itemList>
  <hashTransactionItems>2D9ED75357E4F3183633891D393BD3990CD796D3</hashTransactionItems>
  <currency>0978</currency>
  <containerVat1>
    <turnover>105</turnover>
    <vat>17</vat>
    <vatRate>1900</vatRate>
  </containerVat1>
  <containerVat2>
    <turnover>146</turnover>
    <vat>10</vat>
    <vatRate>0700</vatRate>
  </containerVat2>
  <tpld>INSIKA_TEST_PTB</tpld>
  <tpldNo>1</tpldNo>
  <seqNoTransaction>99554</seqNoTransaction>

  <sig>A593F1DC3D5932DBC0A1C1F7C5C37AFFFD525968E049A6F1F60E113D15F0D8BA06B9E06DD5432
C100A01559901D56336</sig>
</transaction>
<transaction>
  <date>20100305</date>
  <time>1351</time>

```

```

<operatorId>Operator 2</operatorId>
<itemList>
  <item>
    <qnt>3</qnt>
    <name>Eisbergsalat</name>
    <price2>237</price2>
  </item>
  <item>
    <qnt>4</qnt>
    <name>Mineralwasser</name>
    <price1>276</price1>
  </item>
</itemList>
<hashTransactionItems>B0BD95F5FC209AB070C46E28B37F8663506998B2</hashTransactionItems>
<currency>0978</currency>
<containerVat1>
  <turnover>276</turnover>
  <vat>44</vat>
  <vatRate>1900</vatRate>
</containerVat1>
<containerVat2>
  <turnover>237</turnover>
  <vat>16</vat>
  <vatRate>0700</vatRate>
</containerVat2>
<tpld>INSIKA_TEST_PTB</tpld>
<tpldNo>1</tpldNo>
<seqNoTransaction>99555</seqNoTransaction>

<sig>688C4AD8378C65E7FECBA2429F0907BDA5EFE06C55D4914D8E2452FB0C8C64F4D62EB6AB32C22
69FA8CB51824719DC51</sig>
</transaction>
<transaction>
  <date>20100305</date>
  <time>1359</time>
  <operatorId>Operator 2</operatorId>
  <itemList>
    <item>
      <qnt>3</qnt>
      <name>Mineralwasser</name>
      <price1>207</price1>
    </item>
    <item>
      <qnt>4</qnt>
      <name>Leergut</name>
      <price1>-100</price1>
    </item>
  </itemList>
  <hashTransactionItems>70FEEED784F95B1F81FEA62D5701C32977A32EDC</hashTransactionItems>
  <currency>0978</currency>
  <containerVat1>
    <turnover>107</turnover>
    <turnoverNeg>100</turnoverNeg>
    <vat>17</vat>
    <vatRate>1900</vatRate>
  </containerVat1>
  <tpld>INSIKA_TEST_PTB</tpld>
  <tpldNo>1</tpldNo>

```

```

<seqNoTransaction>99556</seqNoTransaction>

<sig>FAA7972C1667B3F45773AB424720137D064035493D421630538717F4F7E50FBFBF6D5D8F723560
3D3F12BD921036C0E3</sig>
</transaction>
<report>
  <date>20100305</date>
  <time>1359</time>
  <lifeCycle>03</lifeCycle>
  <tpId>INSIKA_TEST_PTB</tpId>
  <tpIdNo>1</tpIdNo>
  <seqNoReport>132</seqNoReport>
  <seqNoTransactionFirst>1</seqNoTransactionFirst>
  <seqNoTransactionLast>99556</seqNoTransactionLast>
  <containerVat1>
    <turnover>02754</turnover>
    <turnoverNeg>03035</turnoverNeg>
    <vatRate>1900</vatRate>
  </containerVat1>
  <containerVat2>
    <turnover>06482</turnover>
    <turnoverNeg>0</turnoverNeg>
    <vatRate>0700</vatRate>
  </containerVat2>
  <containerVat3>
    <turnover>09952099999900479</turnover>
    <turnoverNeg>0</turnoverNeg>
    <vatRate>2000</vatRate>
  </containerVat3>
  <containerVat4>
    <turnover>-09952099999900479</turnover>
    <turnoverNeg>09952099999900479</turnoverNeg>
    <vatRate>2000</vatRate>
  </containerVat4>
  <containerThirdparty>
    <turnover>-09952099999900479</turnover>
    <cnt>99521</cnt>
    <overflow />
  </containerThirdparty>
  <containerDeliverynote>
    <turnover>09952099999900479</turnover>
    <cnt>99521</cnt>
  </containerDeliverynote>

<sig>434986E622D7B07F6A846F920DCA0620404F28B5F99552E26DA1D1106487233B92C68952EC07B8
03587744AD7175F49E</sig>
</report>
<transaction>
  <date>20100305</date>
  <time>1400</time>
  <operatorId>Operator 2</operatorId>
  <itemList>
    <item>
      <qnt>1</qnt>
      <name>Eisbergsalat</name>
      <price2>79</price2>
    </item>
  </item>

```

```

        <qnt>1</qnt>
        <name>Zugbandsack</name>
        <price1>145</price1>
    </item>
</itemList>
<hashTransactionItems>E377C0665087442C7DDCB1C535ABCBE4167BC03E</hashTransactionItems>
<currency>0978</currency>
<containerVat1>
    <turnover>145</turnover>
    <vat>23</vat>
    <vatRate>1900</vatRate>
</containerVat1>
<containerVat2>
    <turnover>79</turnover>
    <vat>5</vat>
    <vatRate>0700</vatRate>
</containerVat2>
<tpId>INSIKA_TEST_PTB</tpId>
<tpIdNo>1</tpIdNo>
<seqNoTransaction>99557</seqNoTransaction>

<sig>91BDE723F91D2DA91B396EEECDE2DBA21D2732649300D3F4EC212578804E66DEBA65A5393315
C42BA4C1263E491A6D4A</sig>
</transaction>
<report>
    <date>20100305</date>
    <time>1400</time>
    <lifeCycle>03</lifeCycle>
    <tpId>INSIKA_TEST_PTB</tpId>
    <tpIdNo>1</tpIdNo>
    <seqNoReport>133</seqNoReport>
    <seqNoTransactionFirst>1</seqNoTransactionFirst>
    <seqNoTransactionLast>99557</seqNoTransactionLast>
    <containerVat1>
        <turnover>02899</turnover>
        <turnoverNeg>03035</turnoverNeg>
        <vatRate>1900</vatRate>
    </containerVat1>
    <containerVat2>
        <turnover>06561</turnover>
        <turnoverNeg>0</turnoverNeg>
        <vatRate>0700</vatRate>
    </containerVat2>
    <containerVat3>
        <turnover>09952099999900479</turnover>
        <turnoverNeg>0</turnoverNeg>
        <vatRate>2000</vatRate>
    </containerVat3>
    <containerVat4>
        <turnover>-09952099999900479</turnover>
        <turnoverNeg>09952099999900479</turnoverNeg>
        <vatRate>2000</vatRate>
    </containerVat4>
    <containerThirdparty>
        <turnover>-09952099999900479</turnover>
        <cnt>99521</cnt>
        <overflow />
    </containerThirdparty>

```

```

    <containerDeliverynote>
      <turnover>09952099999900479</turnover>
      <cnt>99521</cnt>
    </containerDeliverynote>

    <sig>C732E2E1245154372FFF09926E93B29EE99080A9F2A89C70C11694C7C26EC869C61ACBF7643F201
647952D84714F9D59</sig>
  </report>
</insika>

```

3.3 Example file for profil Taxi XML-Format

Validate with <http://insika.de/export/insikaB64.xsd>

```

<?xml version="1.0" encoding="iso-8859-1"?>
<insika xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://insika.de/export"
xsi:schemaLocation="http://insika.de/export insikaB64.xsd">
  <timParams>
    <timVersion>T.1.1.0</timVersion>
    <tpId>INSIKA_TEST_PTB</tpId>
    <tpIdNo>8</tpIdNo>

    <certificate>MIIC+zCCAeOgAwIBAgIDCzssMA0GCSqGSIb3DQEBBQUAMIGEMQswCQYDVQQGEwJERTEu
MCwGA1UECgwLUGh5c2lrYWxpc2NoLVRIY2huaXNjaGUgQnVuZGVzYW5zdGFsdDErMCkGA1UECwwiRGF0ZW5r
b21tdW5pa2F0aW9uIHVuZCAtc2ljaGVyaGVpdDEYMBYGA1UEAwwPUFRCIENBIDlgMzAzMF8xMB4XDTEyMTAx
MDEzNDYwMlloXDTEyMTAxMDEzNDYwMlloNzELMAkGA1UEBhMCREUxDDAKBgNVBAoMA1BUQjEaMBGA1U
EAwwRSU5TSUtBX1RFU1RfUFRCLTgwSTATBgcqhkhjOPQIBBgqhkhjOPQMBAQMyAATOMk6kp6Oo/LUBj3PCYWX
Dkbt80A4sY8Cu+8iDMk2CSW9osJTPUQkQW3ltlRtC8TWjgZwwgZkwgYYGA1UdHwR/MH0we6B5oHeGRmxkYXA
6Ly9sZGFwLm1uc2lrYS5kZTozODkvY249SU5TSUtBLUNSTCwgbz1DUkwgRGlzdHJpYnV0aW9uLCBkYz1JTINJS0GGL
Wh0dHA6Ly9sZGFwLm1uc2lrYS5kZS9jcmxkb3dubG9hZHMvSU5TSUtBLmNybDAOBgNVHQ8BAQAEBAMCAIAwD
QYJKoZIhvcNAQEFBQADggEBABO38jQf96aT+ZFuOE5RADLSb6+yuBPqcG0LJUiT5jP/4lYpgGtq1SIhgklqYIFzrVIVAV
/j7/CbO7O+SbK4/EsAtpM8tv6bxP9cTsC6FQgsobN+p+JrnMwtHYDpPuAq9/EcGeb3jPyOga9nBlfNgUnP3btmVIm
QTg1ReCw5tivPRWCS7p00R43Ptc6THHtRr9CcZngcoHICwhp6bzUk91f62pvYPidy5Qn3bD/JfgVJyg/jlQ3hEhXpcYO
LALDr2qKdaLXoDzDIKwLFg2gS2cEHAHGLg/ukTu/PnOQFZEE9Wl3rF8oVv5gVLI0Emi6hBlul8hvH+mnIZ/QdY7IB7Z
Q=</certificate>
  </timParams>
  <reportEncoded>

    <itemListEncoded profile="taxi">oAExoQEypQMwnbSmAy9MNKcBc6gDAnAMqQQEVCgM</itemListEnc
oded>

    <reportRequest>zQQgEgEJzglQVNQUSFwkiLSQpIFD6qtlf5dfoOJVwk=</reportRequest>

    <reportResponse>wAEDxA9JTINJS0FFVEVTVF9QVELFAQjMAXfSAQHTAWfiDdgEBFMoDNkBDNsCBwCeML
5Ku6BrDqTi4Fpnr69mp57mzfuDWMxYCNXgbfZY2Yk4B3j3Q7EwaxehENGtp3q5WA==</reportResponse>
  </reportEncoded>
  <transactionEncoded>
    <itemListEncoded profile="taxi">sAllmLICaAy9BCASAQm+AhBV</itemListEncoded>

    <transactionRequest>zQQgEgEJzglQV8YBMscU6rhy5OHQI08YFaf3edXMc27bCJnIAGP54gzYAmgM2glETN
sCBwA=</transactionRequest>

    <transactionResponse>xA9JTINJS0FFVEVTVF9QVELFAQjLAWieMII5scA+QI9zLxqs/4PWUroB4dwKcw2PB4
7vm5jvVZSIsdO8aH6zWJ/xjvmq640f6w==</transactionResponse>
  </transactionEncoded>
</insika>

```

3.4 INSIKA_ExportV210-00.xsd

Elements	Complex types	Simple types
<u>insika</u>	<u>emptyType</u>	<u>dateType</u>
	<u>itemType</u>	<u>monetaryReportType</u>
	<u>reportContainerTDTTType</u>	<u>monetaryType</u>
	<u>reportContainerType</u>	<u>seqNoType</u>
	<u>transactionContainerTDTTType</u>	<u>timeType</u>
	<u>transactionContainerType</u>	

3.4.1 element insika

diagram

properties

content complex

children source

<xs:element name="insika">

<xs:complexType>

<xs:sequence>

<xs:element name="document-information">

<xs:complexType>

<xs:all>

<xs:element name="version" type="xs:float"/>

</xs:all>

</xs:complexType>

</xs:element>

<xs:choice maxOccurs="unbounded">

<xs:element name="timParams" maxOccurs="unbounded">

<xs:complexType>

<xs:all>

<xs:element name="insika" minOccurs="1" maxOccurs="1">

<xs:simpleType>

</xs:choice>

</xs:sequence>

</xs:complexType>

</xs:element>

```

        <xs:restriction base="xs:string">
            <xs:minLength value="7"/>
            <xs:maxLength value="10"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="tpld" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="16"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="tpldNo" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:maxInclusive value="4294967295"/>
            <xs:minInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="itemProfile" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
            <xs:maxInclusive value="255"/>
            <xs:minInclusive value="1"/>
        </xs:restriction>
    </xs:simpleType>
</xs:element>

<xs:element name="certificate" type="xs:base64Binary" minOccurs="1" maxOccurs="1"/>
    </xs:all>
</xs:complexType>
</xs:element>
<xs:element name="transaction" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
        <xs:all>
            <xs:element name="date" minOccurs="1" maxOccurs="1">
                <xs:simpleType>
                    <xs:restriction base="dateType">
                        <xs:length value="8"/>
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>

```



```

<xs:element name="tpId" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="16"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger">
      <xs:totalDigits value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="operatorId" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="currency">
  <xs:simpleType>
    <xs:restriction base="xs:nonNegativeInteger">
      <xs:totalDigits value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

<xs:element name="vatAddon" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="training" type="emptyType" minOccurs="0" maxOccurs="1"/>

<xs:element name="deliverynote" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="itemList">
    <xs:complexType>
      <xs:sequence>
        <xs:element name="item" type="itemType" maxOccurs="unbounded"/>
      </xs:sequence>
    </xs:complexType>
  </xs:element>
  <xs:element name="hashTransactionItems" minOccurs="1" maxOccurs="1">
    <xs:simpleType>
      <xs:restriction base="xs:hexBinary">
        <xs:length value="20"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>

    <xs:element name="seqNoTransaction" type="seqNoType" minOccurs="1" maxOccurs="1"/>
  >

  <xs:element name="containerVat1" type="transactionContainerType" minOccurs="0"/>

  <xs:element name="containerVat2" type="transactionContainerType" minOccurs="0"/>

  <xs:element name="containerVat3" type="transactionContainerType" minOccurs="0"/>

  <xs:element name="containerVat4" type="transactionContainerType" minOccurs="0"/>

  <xs:element name="containerVat5" type="transactionContainerType" minOccurs="0"/>

  <xs:element name="containerVat6" type="transactionContainerType" minOccurs="0"/>
    <xs:element name="sig">
      <xs:simpleType>
        <xs:restriction base="xs:hexBinary">
          <xs:length value="48"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:all>
</xs:complexType>
</xs:element>
<xs:element name="transactionEncoded" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:all>
      <xs:element name="itemListEncoded" type="xs:base64Binary"/>
      <xs:element name="transactionRequest" type="xs:base64Binary"/>
      <xs:element name="transactionResponse" type="xs:base64Binary"/>
    </xs:all>
  </xs:complexType>
</xs:element>
<xs:element name="report" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:all>
      <xs:element name="date" type="dateType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="lifeCycle" minOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:totalDigits value="2"/>
          </xs:restriction>

```

```

        </xs:simpleType>
      </xs:element>
      <xs:element name="tpId" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="16"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:totalDigits value="8"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="seqNoReport">
        <xs:simpleType>
          <xs:restriction base="seqNoType">
            <xs:totalDigits value="10"/>
            <xs:minInclusive value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="seqNoTransactionFirst" type="seqNoType"/>
      <xs:element name="seqNoTransactionLast" type="seqNoType"/>
      <xs:element name="containerVat1" type="reportContainerType" minOccurs="0"/>
      <xs:element name="containerVat2" type="reportContainerType" minOccurs="0"/>
      <xs:element name="containerVat3" type="reportContainerType" minOccurs="0"/>
      <xs:element name="containerVat4" type="reportContainerType" minOccurs="0"/>
      <xs:element name="containerVat5" type="reportContainerType" minOccurs="0"/>
      <xs:element name="containerVat6" type="reportContainerType" minOccurs="0"/>

      <xs:element name="containerThirdparty" type="reportContainerTDType" minOccurs="0"/>

      <xs:element name="containerDeliverynote" type="reportContainerTDType" minOccurs="0"
/>

      <xs:element name="containerTraining" type="reportContainerTDType" minOccurs="0"/>
        <xs:element name="sig">
          <xs:simpleType>
            <xs:restriction base="xs:hexBinary">
              <xs:length value="48"/>
            </xs:restriction>
          </xs:simpleType>

```

```

        </xs:element>
      </xs:all>
    </xs:complexType>
  </xs:element>
  <xs:element name="reportEncoded" minOccurs="0" maxOccurs="unbounded">
    <xs:complexType>
      <xs:all>
        <xs:element name="reportRequest" type="xs:base64Binary"/>
        <xs:element name="reportResponse" type="xs:base64Binary"/>
      </xs:all>
    </xs:complexType>
  </xs:element>
</xs:choice>
</xs:sequence>
</xs:complexType>
</xs:element>

```

3.4.2 element insika/document-information

diagram



properties

content complex

children source

version

```

<xs:element name="document-information">
  <xs:complexType>
    <xs:all>
      <xs:element name="version" type="xs:float"/>
    </xs:all>
  </xs:complexType>
</xs:element>

```

3.4.3 element insika/document-information/version

diagram



type properties

xs:float content simple

source

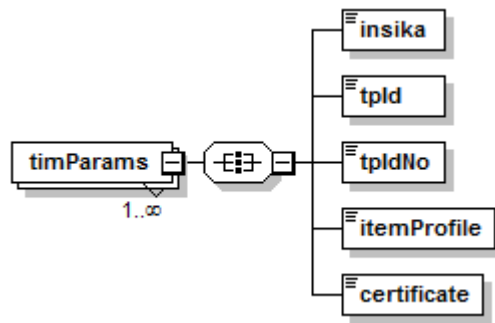
```

<xs:element name="version" type="xs:float"/>

```

3.4.4 element insika/timParams

diagram



properties

<i>minOcc</i>	1
<i>maxOcc</i>	unbounded
<i>content</i>	complex

children
source

insika tpId tpIdNo itemProfile certificate

```

<xs:element name="timParams" maxOccurs="unbounded">
  <xs:complexType>
    <xs:all>
      <xs:element name="insika" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="7"/>
            <xs:maxLength value="10"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="tpId" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:minLength value="1"/>
            <xs:maxLength value="16"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:maxInclusive value="4294967295"/>
            <xs:minInclusive value="1"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="itemProfile" minOccurs="1" maxOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:maxInclusive value="255"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
    </xs:all>
  </xs:complexType>
</xs:element>
  
```

```

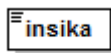
        <xs:minInclusive value="1"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>

  <xs:element name="certificate" type="xs:base64Binary" minOccurs="1" maxOccurs="1"/>
</xs:all>
</xs:complexType>
</xs:element>

```

3.4.5 element insika/timParams/insika

diagram



type restriction of **xs:string**
 properties content simple

facets	Kind	Value	Annotation
minLength		7	
maxLength		10	

source

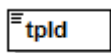
```

<xs:element name="insika" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="7"/>
      <xs:maxLength value="10"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

3.4.6 element insika/timParams/tpId

diagram



type restriction of **xs:string**
 properties content simple

facets	Kind	Value	Annotation
minLength		1	
maxLength		16	

source

```

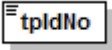
<xs:element name="tpId" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="16"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

```
</xs:simpleType>
</xs:element>
```

3.4.7 **element** insika/timParams/tpIdNo

diagram

A diagram showing a box labeled 'tpIdNo' with a small icon of a document with a checkmark to its left.

type	restriction of	xs:positiveInteger
properties	content	simple


facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	4294967295	

source

```
<xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger">
      <xs:maxInclusive value="4294967295"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

3.4.8 **element** insika/timParams/itemProfile

diagram

A diagram showing a box labeled 'itemProfile' with a small icon of a document with a checkmark to its left.

type	restriction of	xs:positiveInteger
properties	content	simple

facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	255	

source

```
<xs:element name="itemProfile" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger">
      <xs:maxInclusive value="255"/>
      <xs:minInclusive value="1"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

3.4.9 **element** insika/timParams/certificate

diagram

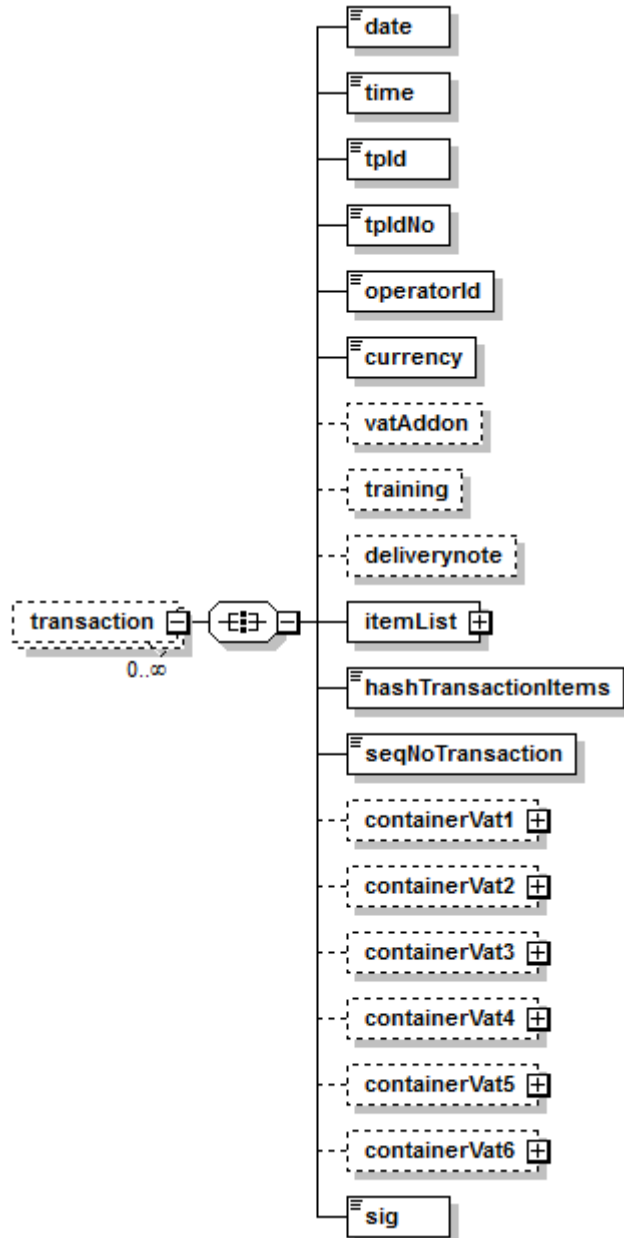
A diagram showing a box labeled 'certificate' with a small icon of a document with a checkmark to its left.

type	xs:base64Binary
------	-----------------

properties	content	simple
source	<xs:element name="certificate" type="xs:base64Binary" minOccurs="1" maxOccurs="1"/>	

3.4.10 element insika/transaction

diagram



properties	minOcc	0
	maxOcc	unbounded
	content	complex
children	<u>date</u> <u>time</u> <u>tpId</u> <u>tpIdNo</u> <u>operatorId</u> <u>currency</u> <u>vatAddon</u> <u>training</u> <u>deliverynote</u> <u>itemList</u> <u>hashTransactionItems</u> <u>seqNoTransaction</u> <u>containerVat1</u> <u>containerVat2</u> <u>containerVat3</u> <u>containerVat4</u> <u>containerVat5</u> <u>containerVat6</u> <u>sig</u>	
source	<xs:element name="transaction" minOccurs="0" maxOccurs="unbounded"> <xs:complexType> <xs:all>	


```

<xs:element name="date" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="dateType">
      <xs:length value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>
<xs:element name="tpId" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="16"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:positiveInteger">
      <xs:totalDigits value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="operatorId" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="currency">
  <xs:simpleType>
    <xs:restriction base="xs:nonNegativeInteger">
      <xs:totalDigits value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="vatAddon" type="emptyType" minOccurs="0" maxOccurs="1"/>
<xs:element name="training" type="emptyType" minOccurs="0" maxOccurs="1"/>
<xs:element name="deliverynote" type="emptyType" minOccurs="0" maxOccurs="1"/>
<xs:element name="itemList">
  <xs:complexType>
    <xs:sequence>
      <xs:element name="item" type="itemType" maxOccurs="unbounded"/>
    </xs:sequence>
  </xs:complexType>

```

```

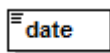
</xs:complexType>
</xs:element>
<xs:element name="hashTransactionItems" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:hexBinary">
      <xs:length value="20"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

<xs:element name="seqNoTransaction" type="seqNoType" minOccurs="1" maxOccurs="1"/>
<
  <xs:element name="containerVat1" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat2" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat3" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat4" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat5" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="containerVat6" type="transactionContainerType" minOccurs="0"/>
  <xs:element name="sig">
    <xs:simpleType>
      <xs:restriction base="xs:hexBinary">
        <xs:length value="48"/>
      </xs:restriction>
    </xs:simpleType>
  </xs:element>
</xs:all>
</xs:complexType>
</xs:element>

```

3.4.11 element insika/transaction/date

diagram



type	restriction of <u>dateType</u>		
properties	content	simple	
facets	Kind	Value	Annotation
	length	8	

source

```

<xs:element name="date" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="dateType">
      <xs:length value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

```

3.4.12 **element** insika/transaction/time

diagram

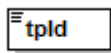


type	timeType		
properties	content	simple	
facets	Kind	Value	Annotation
	length	4	

source `<xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>`

3.4.13 **element** insika/transaction/tpId

diagram

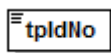


type	restriction of xs:string		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	maxLength	16	

source `<xs:element name="tpId" minOccurs="1" maxOccurs="1">
 <xs:simpleType>
 <xs:restriction base="xs:string">
 <xs:minLength value="1"/>
 <xs:maxLength value="16"/>
 </xs:restriction>
 </xs:simpleType>
 </xs:element>`

3.4.14 **element** insika/transaction/tpIdNo

diagram

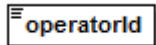


type	restriction of xs:positiveInteger		
properties	content	simple	
facets	Kind	Value	Annotation
	totalDigits	8	

source `<xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
 <xs:simpleType>
 <xs:restriction base="xs:positiveInteger">
 <xs:totalDigits value="8"/>
 </xs:restriction>
 </xs:simpleType>
 </xs:element>`

3.4.15 **element** insika/transaction/operatorId

diagram



type restriction of **xs:string**
 properties content simple

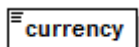
facets	Kind	Value	Annotation
minLength		1	
whiteSpace		replace	

source

```
<xs:element name="operatorId" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

3.4.16 **element** insika/transaction/currency

diagram



type restriction of **xs:nonNegativeInteger**
 properties content simple

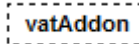
facets	Kind	Value	Annotation
totalDigits		4	

source

```
<xs:element name="currency">
  <xs:simpleType>
    <xs:restriction base="xs:nonNegativeInteger">
      <xs:totalDigits value="4"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

3.4.17 **element** insika/transaction/vatAddon

diagram



type **emptyType**
 properties minOcc 0
 maxOcc 1

content complex

source `<xs:element name="vatAddon" type="emptyType" minOccurs="0" maxOccurs="1"/>`

3.4.18 element insika/transaction/training

diagram

training

type **emptyType**

properties minOcc 0

maxOcc 1

content complex

source `<xs:element name="training" type="emptyType" minOccurs="0" maxOccurs="1"/>`

3.4.19 element insika/transaction/deliverynote

diagram

deliverynote

type **emptyType**

properties minOcc 0

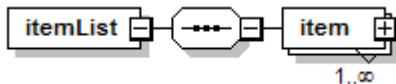
maxOcc 1

content complex

source `<xs:element name="deliverynote" type="emptyType" minOccurs="0" maxOccurs="1"/>`

3.4.20 element insika/transaction/itemList

diagram



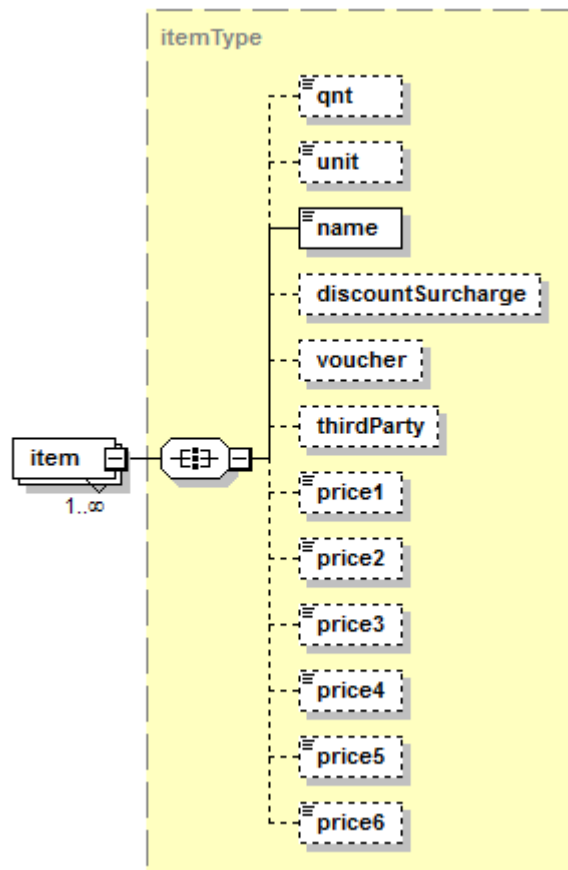
properties content complex

children **item**

source `<xs:element name="itemList">
 <xs:complexType>
 <xs:sequence>
 <xs:element name="item" type="itemType" maxOccurs="unbounded"/>
 </xs:sequence>
 </xs:complexType>
 </xs:element>`

3.4.21 **element** insika/transaction/itemList/item

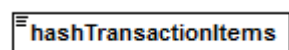
diagram



type	itemType		
properties	minOcc	1	
	maxOcc	unbounded	
	content	complex	
children source	qnt unit name discountSurcharge voucher thirdParty price1 price2 price3 price4 price5 price6 <code><xs:element name="item" type="itemType" maxOccurs="unbounded"/></code>		

3.4.22 **element** insika/transaction/hashTransactionItems

diagram

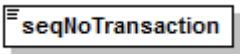


type	restriction of xs:hexBinary		
properties	content	simple	
facets	Kind	Value	Annotation
	length	20	
source	<code><xs:element name="hashTransactionItems" minOccurs="1" maxOccurs="1"></code> <code><xs:simpleType></code> <code><xs:restriction base="xs:hexBinary"></code> <code><xs:length value="20"/></code> <code></xs:restriction></code> <code></xs:simpleType></code>		

</xs:element>

3.4.23 element insika/transaction/seqNoTransaction

diagram



type **seqNoType**

properties content simple

facets Kind Value Annotation

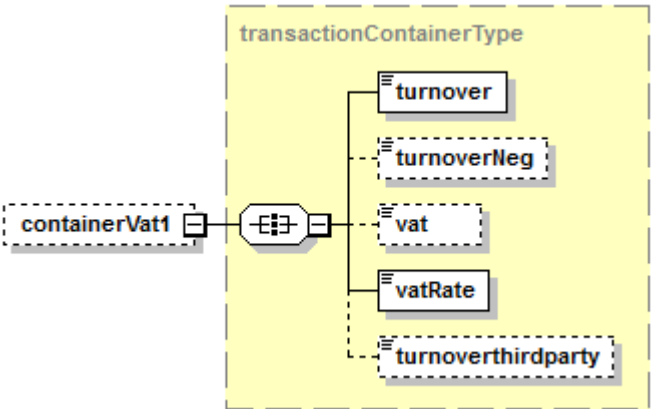
minInclusive 1

maxInclusive 4294967295

source <xs:element name="seqNoTransaction" type="seqNoType" minOccurs="1" maxOccurs="1"/>

3.4.24 element insika/transaction/containerVat1

diagram



type **transactionContainerType**

properties minOcc 0

maxOcc 1

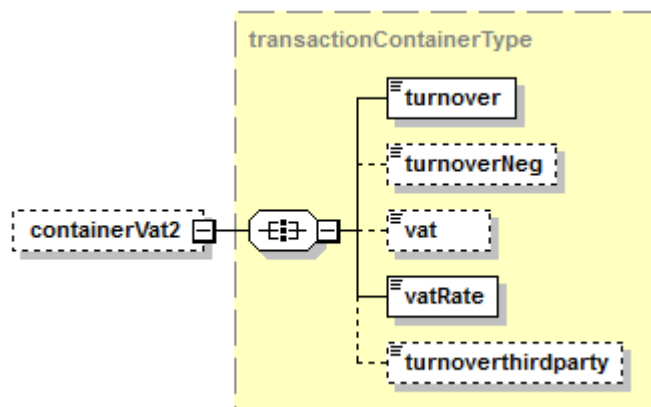
content complex

children **turnover turnoverNeg vat vatRate turnoverthirdparty**

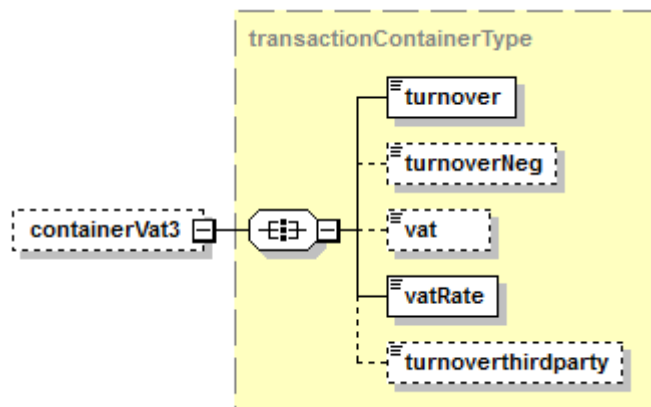
source <xs:element name="containerVat1" type="transactionContainerType" minOccurs="0"/>

3.4.25 **element** insika/transaction/containerVat2

diagram

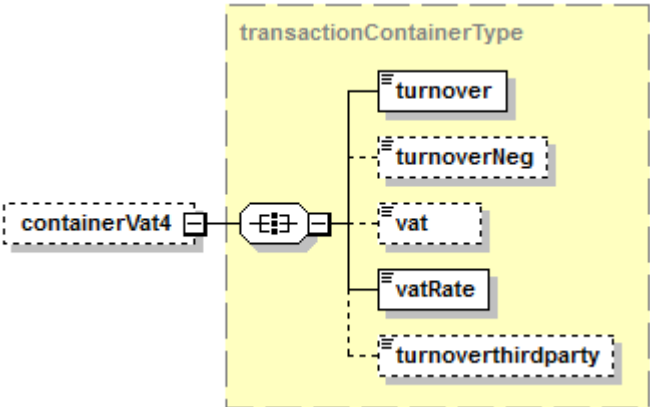
type **transactionContainerType**properties *minOcc* 0*maxOcc* 1*content* complexchildren **turnover** **turnoverNeg** **vat** **vatRate** **turnoverthirdparty**source `<xs:element name="containerVat2" type="transactionContainerType" minOccurs="0"/>`3.4.26 **element** insika/transaction/containerVat3

diagram

type **transactionContainerType**properties *minOcc* 0*maxOcc* 1*content* complexchildren **turnover** **turnoverNeg** **vat** **vatRate** **turnoverthirdparty**source `<xs:element name="containerVat3" type="transactionContainerType" minOccurs="0"/>`

3.4.27 **element** insika/transaction/containerVat4

diagram

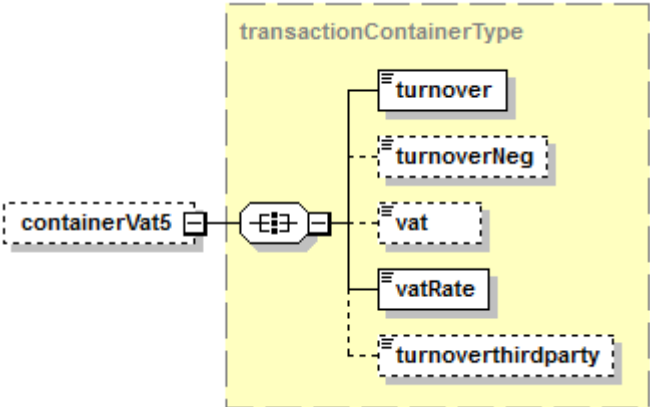


type	<u>transactionContainerType</u>		
properties	<i>minOcc</i>	0	
	<i>maxOcc</i>	1	
	<i>content</i>	complex	

children **turnover** **turnoverNeg** **vat** **vatRate** **turnoverthirdparty**
source `<xs:element name="containerVat4" type="transactionContainerType" minOccurs="0"/>`

3.4.28 **element** insika/transaction/containerVat5

diagram

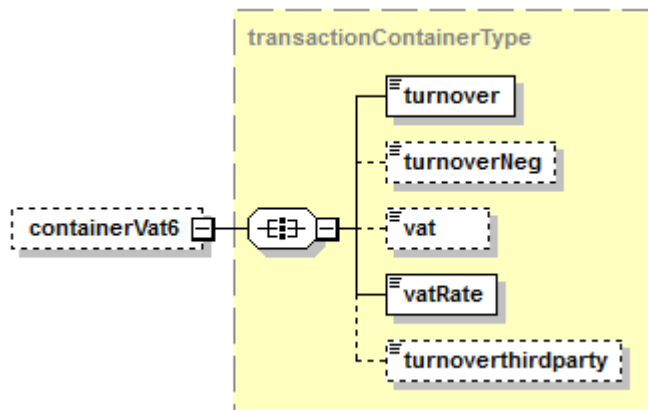


type	<u>transactionContainerType</u>		
properties	<i>minOcc</i>	0	
	<i>maxOcc</i>	1	
	<i>content</i>	complex	

children **turnover** **turnoverNeg** **vat** **vatRate** **turnoverthirdparty**
source `<xs:element name="containerVat5" type="transactionContainerType" minOccurs="0"/>`

3.4.29 **element** insika/transaction/containerVat6

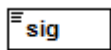
diagram

type **transactionContainerType**properties *minOcc* 0*maxOcc* 1*content* complexchildren **turnover turnoverNeg vat vatRate turnoverthirdparty**source

```
<xs:element name="containerVat6" type="transactionContainerType" minOccurs="0"/>
```

3.4.30 **element** insika/transaction/sig

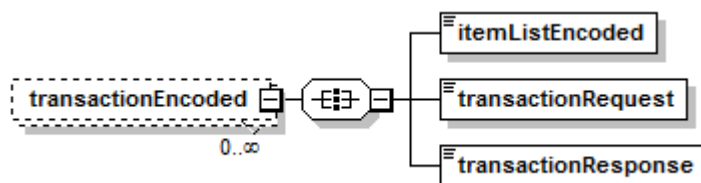
diagram

type restriction of **xs:hexBinary**properties *content* simplefacets *Kind Value Annotation**length* 48

```
source <xs:element name="sig">
  <xs:simpleType>
    <xs:restriction base="xs:hexBinary">
      <xs:length value="48"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

3.4.31 **element** insika/transactionEncoded

diagram

properties *minOcc* 0

maxOcc unbounded

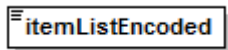
content complex

children itemListEncoded transactionRequest transactionResponse

source `<xs:element name="transactionEncoded" minOccurs="0" maxOccurs="unbounded">`
 `<xs:complexType>`
 `<xs:all>`
 `<xs:element name="itemListEncoded" type="xs:base64Binary"/>`
 `<xs:element name="transactionRequest" type="xs:base64Binary"/>`
 `<xs:element name="transactionResponse" type="xs:base64Binary"/>`
 `</xs:all>`
 `</xs:complexType>`
 `</xs:element>`

3.4.32 element insika/transactionEncoded/itemListEncoded

diagram

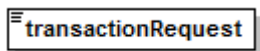


type **xs:base64Binary**
properties *content* simple

source `<xs:element name="itemListEncoded" type="xs:base64Binary"/>`

3.4.33 element insika/transactionEncoded/transactionRequest

diagram

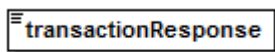


type **xs:base64Binary**
properties *content* simple

source `<xs:element name="transactionRequest" type="xs:base64Binary"/>`

3.4.34 element insika/transactionEncoded/transactionResponse

diagram

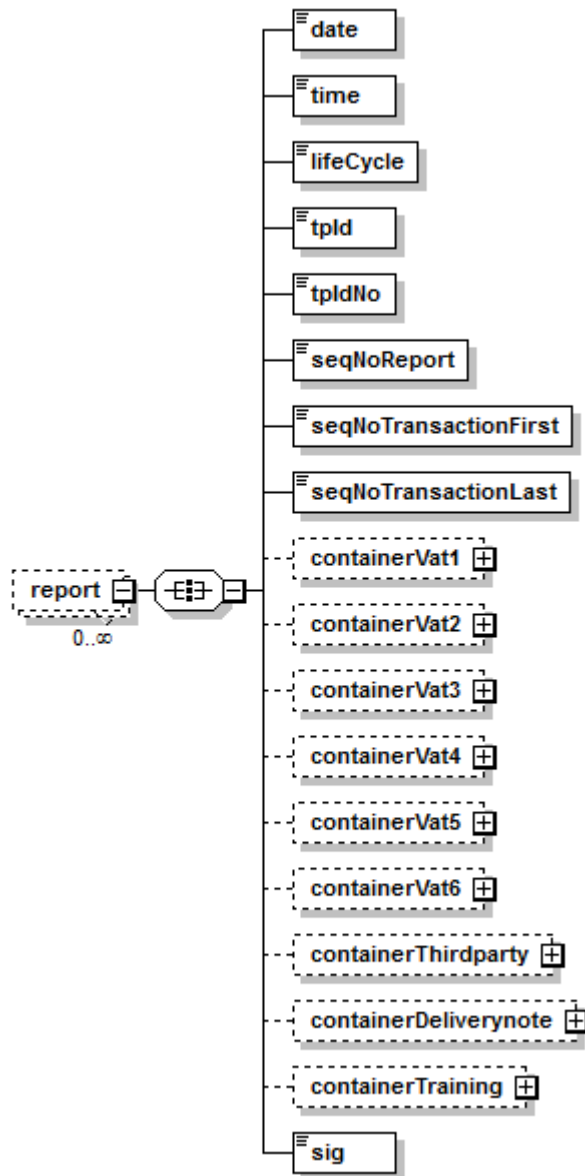


type **xs:base64Binary**
properties *content* simple

source `<xs:element name="transactionResponse" type="xs:base64Binary"/>`

3.4.35 **element** insika/report

diagram



properties	minOccurs	0
	maxOccurs	unbounded
	content	complex

children date time lifeCycle tpld tpldNo seqNoReport seqNoTransactionFirst seqNoTransactionLast
containerVat1 containerVat2 containerVat3 containerVat4 containerVat5 containerVat6
containerThirdparty containerDeliverynote containerTraining sig

source

```
<xs:element name="report" minOccurs="0" maxOccurs="unbounded">
  <xs:complexType>
    <xs:all>
      <xs:element name="date" type="dateType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="lifeCycle" minOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:positiveInteger">
            <xs:totalDigits value="2"/>
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="containerVat1" type="containerVatType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerVat2" type="containerVatType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerVat3" type="containerVatType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerVat4" type="containerVatType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerVat5" type="containerVatType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerVat6" type="containerVatType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerThirdparty" type="containerThirdpartyType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerDeliverynote" type="containerDeliverynoteType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="containerTraining" type="containerTrainingType" minOccurs="1" maxOccurs="1"/>
      <xs:element name="sig" type="sigType" minOccurs="1" maxOccurs="1"/>
    </xs:all>
  </xs:complexType>
</xs:element>
```

```

        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="tpId" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:minLength value="1"/>
          <xs:maxLength value="16"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:positiveInteger">
          <xs:totalDigits value="8"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="seqNoReport">
      <xs:simpleType>
        <xs:restriction base="seqNoType">
          <xs:totalDigits value="10"/>
          <xs:minInclusive value="1"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="seqNoTransactionFirst" type="seqNoType"/>
    <xs:element name="seqNoTransactionLast" type="seqNoType"/>
    <xs:element name="containerVat1" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat2" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat3" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat4" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat5" type="reportContainerType" minOccurs="0"/>
    <xs:element name="containerVat6" type="reportContainerType" minOccurs="0"/>

    <xs:element name="containerThirdparty" type="reportContainerTDType" minOccurs="0"/>

    <xs:element name="containerDeliverynote" type="reportContainerTDType" minOccurs="0"
  />

    <xs:element name="containerTraining" type="reportContainerTDType" minOccurs="0"/>
      <xs:element name="sig">
        <xs:simpleType>
          <xs:restriction base="xs:hexBinary">
            <xs:length value="48"/>
          </xs:restriction>

```

```

</xs:simpleType>
</xs:element>
</xs:all>
</xs:complexType>
</xs:element>

```

3.4.36 element insika/report/date

diagram



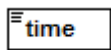
type **dateType**

properties	content	simple
facets	Kind	Value
	length	8

source `<xs:element name="date" type="dateType" minOccurs="1" maxOccurs="1"/>`

3.4.37 element insika/report/time

diagram



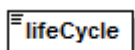
type **timeType**

properties	content	simple
facets	Kind	Value
	length	4

source `<xs:element name="time" type="timeType" minOccurs="1" maxOccurs="1"/>`

3.4.38 element insika/report/lifeCycle

diagram



type restriction of **xs:positiveInteger**

properties	minOcc	maxOcc	content	simple
facets	Kind	Value	Annotation	
	totalDigits	2		

source `<xs:element name="lifeCycle" minOccurs="1">`
`<xs:simpleType>`
`<xs:restriction base="xs:positiveInteger">`
`<xs:totalDigits value="2"/>`
`</xs:restriction>`
`</xs:simpleType>`

</xs:element>

3.4.39 **element** insika/report/tpId

diagram



type restriction of **xs:string**
content simple

facets	Kind	Value	Annotation
minLength		1	
maxLength		16	

source <xs:element name="tpId" minOccurs="1" maxOccurs="1">
<xs:simpleType>
<xs:restriction base="xs:string">
<xs:minLength value="1"/>
<xs:maxLength value="16"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

3.4.40 **element** insika/report/tpIdNo

diagram



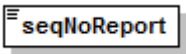
type restriction of **xs:positiveInteger**
content simple

facets	Kind	Value	Annotation
totalDigits		8	

source <xs:element name="tpIdNo" minOccurs="1" maxOccurs="1">
<xs:simpleType>
<xs:restriction base="xs:positiveInteger">
<xs:totalDigits value="8"/>
</xs:restriction>
</xs:simpleType>
</xs:element>

3.4.41 **element** insika/report/seqNoReport

diagram



type restriction of **seqNoType**
content simple

facets	Kind	Value	Annotation
--------	------	-------	------------

minInclusive 1

maxInclusive 4294967295

totalDigits 10

source `<xs:element name="seqNoReport">`
`<xs:simpleType>`
`<xs:restriction base="seqNoType">`
`<xs:totalDigits value="10"/>`
`<xs:minInclusive value="1"/>`
`</xs:restriction>`
`</xs:simpleType>`
`</xs:element>`

3.4.42 element insika/report/seqNoTransactionFirst

diagram

```

sequenceDiagram
    participant seqNoTransactionFirst
    seqNoTransactionFirst
  
```

type	<u>seqNoType</u>		
properties	content	simple	
facets	Kind	Value	Annotation
minInclusive	1		
maxInclusive	4294967295		

source `<xs:element name="seqNoTransactionFirst" type="seqNoType"/>`

3.4.43 element insika/report/seqNoTransactionLast

diagram

```

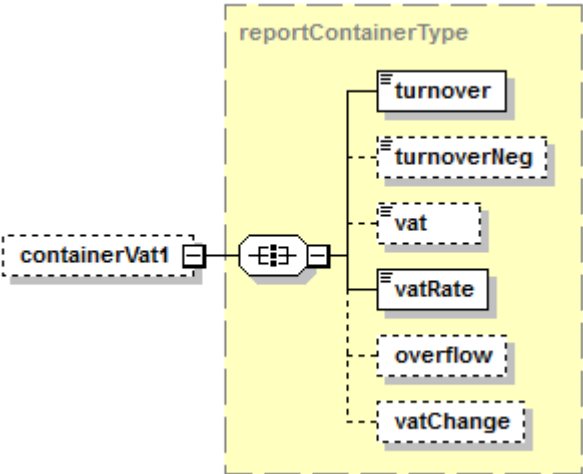
sequenceDiagram
    participant seqNoTransactionLast
    seqNoTransactionLast
  
```

type	<u>seqNoType</u>		
properties	content	simple	
facets	Kind	Value	Annotation
minInclusive	1		
maxInclusive	4294967295		

source `<xs:element name="seqNoTransactionLast" type="seqNoType"/>`

3.4.44 element insika/report/containerVat1

diagram



The diagram shows the structure of the `containerVat1` element. It is a dashed box containing a solid box labeled `containerVat1`. This box is connected to a yellow box labeled `reportContainerType`. Inside `reportContainerType`, there are six sub-elements: `turnover`, `turnoverNeg`, `vat`, `vatRate`, `overflow`, and `vatChange`. Each sub-element is represented by a box with a small icon on the left.

type	reportContainerType		
properties	<code>minOcc</code>	0	
	<code>maxOcc</code>	1	
	<code>content</code>	complex	

children

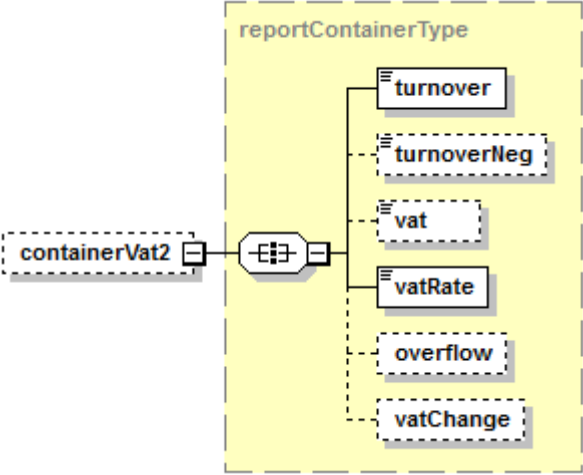
turnover turnoverNeg vat vatRate overflow vatChange

source

`<xs:element name="containerVat1" type="reportContainerType" minOccurs="0"/>`

3.4.45 element insika/report/containerVat2

diagram



The diagram shows the structure of the `containerVat2` element. It is a dashed box containing a solid box labeled `containerVat2`. This box is connected to a yellow box labeled `reportContainerType`. Inside `reportContainerType`, there are six sub-elements: `turnover`, `turnoverNeg`, `vat`, `vatRate`, `overflow`, and `vatChange`. Each sub-element is represented by a box with a small icon on the left.

type	reportContainerType		
properties	<code>minOcc</code>	0	
	<code>maxOcc</code>	1	
	<code>content</code>	complex	

children

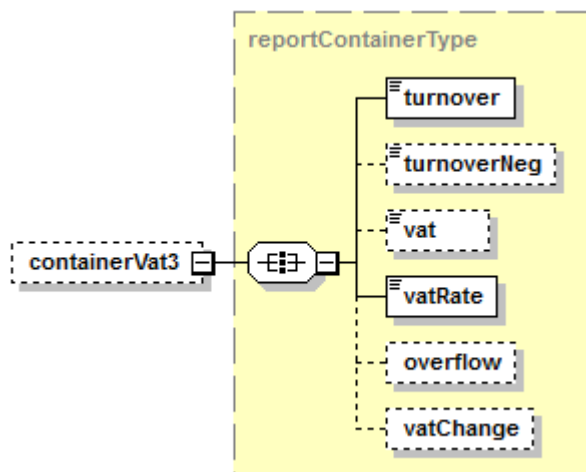
turnover turnoverNeg vat vatRate overflow vatChange

source

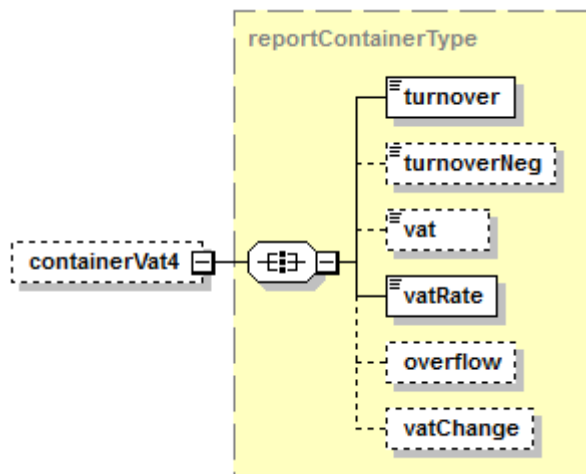
`<xs:element name="containerVat2" type="reportContainerType" minOccurs="0"/>`

3.4.46 **element** insika/report/containerVat3

diagram

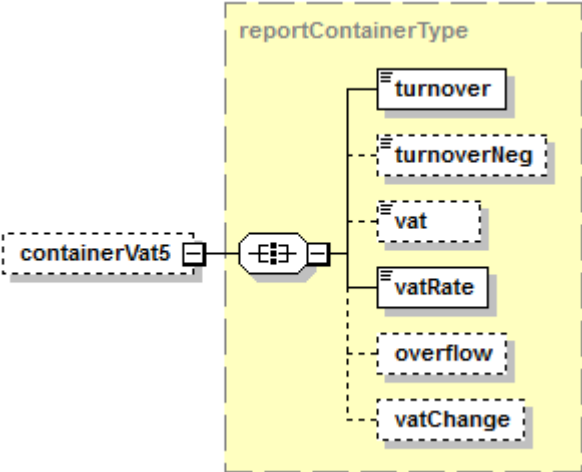
type **reportContainerType**properties *minOcc* 0*maxOcc* 1*content* complexchildren **turnover** **turnoverNeg** **vat** **vatRate** **overflow** **vatChange**source `<xs:element name="containerVat3" type="reportContainerType" minOccurs="0"/>`3.4.47 **element** insika/report/containerVat4

diagram

type **reportContainerType**properties *minOcc* 0*maxOcc* 1*content* complexchildren **turnover** **turnoverNeg** **vat** **vatRate** **overflow** **vatChange**source `<xs:element name="containerVat4" type="reportContainerType" minOccurs="0"/>`

3.4.48 element insika/report/containerVat5

diagram



The diagram shows the structure of the `containerVat5` element. It is a dashed box containing a solid box labeled `containerVat5`. This box is connected to a yellow box labeled `reportContainerType`. Inside the `reportContainerType` box, there are six sub-elements: `turnover`, `turnoverNeg`, `vat`, `vatRate`, `overflow`, and `vatChange`. Each sub-element is represented by a box with a small icon on the left.

type	<u>reportContainerType</u>		
properties	<code>minOcc</code>	0	
	<code>maxOcc</code>	1	
	<code>content</code>	complex	

children

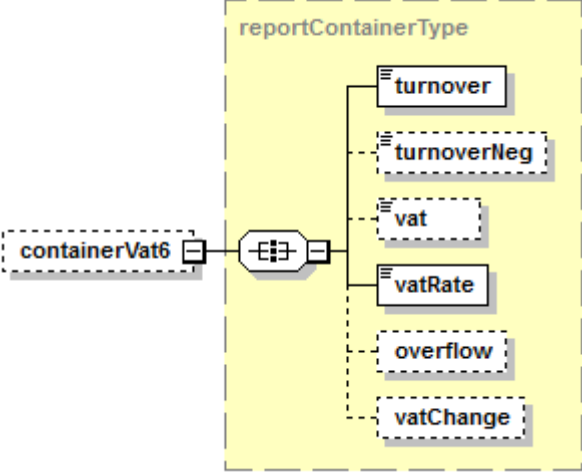
source

turnover turnoverNeg vat vatRate overflow vatChange

`<xs:element name="containerVat5" type="reportContainerType" minOccurs="0"/>`

3.4.49 element insika/report/containerVat6

diagram



The diagram shows the structure of the `containerVat6` element. It is a dashed box containing a solid box labeled `containerVat6`. This box is connected to a yellow box labeled `reportContainerType`. Inside the `reportContainerType` box, there are six sub-elements: `turnover`, `turnoverNeg`, `vat`, `vatRate`, `overflow`, and `vatChange`. Each sub-element is represented by a box with a small icon on the left.

type	<u>reportContainerType</u>		
properties	<code>minOcc</code>	0	
	<code>maxOcc</code>	1	
	<code>content</code>	complex	

children

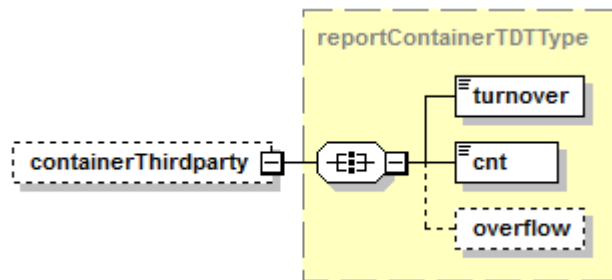
source

turnover turnoverNeg vat vatRate overflow vatChange

`<xs:element name="containerVat6" type="reportContainerType" minOccurs="0"/>`

3.4.50 **element** insika/report/containerThirdparty

diagram



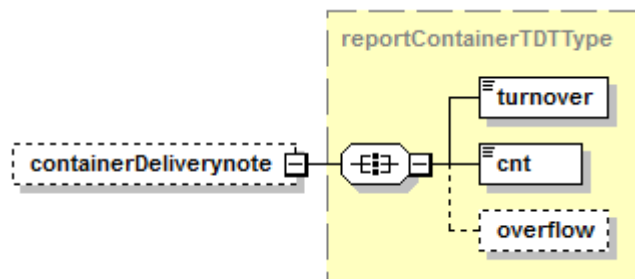
type **reportContainerTDDType**

properties

minOcc	0
maxOcc	1
content	complex

children **turnover cnt overflow**source `<xs:element name="containerThirdparty" type="reportContainerTDDType" minOccurs="0"/>`3.4.51 **element** insika/report/containerDeliverynote

diagram



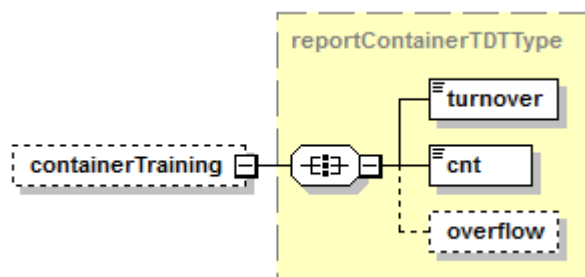
type **reportContainerTDDType**

properties

minOcc	0
maxOcc	1
content	complex

children **turnover cnt overflow**source `<xs:element name="containerDeliverynote" type="reportContainerTDDType" minOccurs="0"/>`3.4.52 **element** insika/report/containerTraining

diagram



type **reportContainerTDDType**

properties

minOcc	0
--------	---

maxOcc 1

content complex

children turnover cnt overflow

source `<xs:element name="containerTraining" type="reportContainerTDTType" minOccurs="0"/>`

3.4.53 element insika/report/sig

diagram



type restriction of **xs:hexBinary**
properties *content* simple

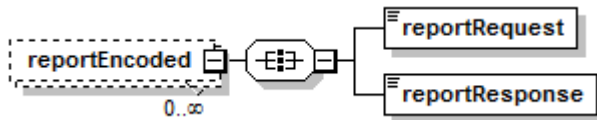
facets *Kind* *Value* *Annotation*

length 48

source `<xs:element name="sig">
 <xs:simpleType>
 <xs:restriction base="xs:hexBinary">
 <xs:length value="48"/>
 </xs:restriction>
 </xs:simpleType>
</xs:element>`

3.4.54 element insika/reportEncoded

diagram



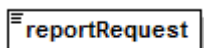
properties *minOcc* 0
maxOcc unbounded
content complex

children reportRequest reportResponse

source `<xs:element name="reportEncoded" minOccurs="0" maxOccurs="unbounded">
 <xs:complexType>
 <xs:all>
 <xs:element name="reportRequest" type="xs:base64Binary"/>
 <xs:element name="reportResponse" type="xs:base64Binary"/>
 </xs:all>
 </xs:complexType>
</xs:element>`

3.4.55 element insika/reportEncoded/reportRequest

diagram



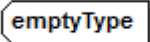
type	xs:base64Binary	
properties	content	simple
source	<code><xs:element name="reportRequest" type="xs:base64Binary"/></code>	

3.4.56 element insika/reportEncoded/reportResponse

diagram 

type	xs:base64Binary	
properties	content	simple
source	<code><xs:element name="reportResponse" type="xs:base64Binary"/></code>	

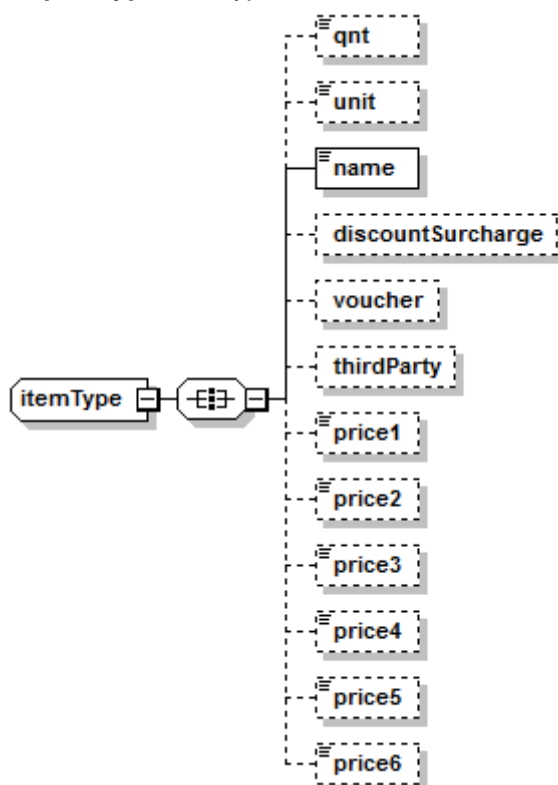
3.4.57 complexType emptyType

diagram 

used by	element	<u>insika/transaction/deliverynote itemType/discountSurcharge</u> <u>reportContainerType/overflow reportContainerTDType/overflow itemType/thirdParty</u> <u>insika/transaction/training insika/transaction/vatAddon reportContainerType/vatChange</u> <u>itemType/voucher</u>
source	<code><xs:complexType name="emptyType"/></code>	

3.4.58 complexType itemType

diagram




children	<u>qnt</u> <u>unit</u> <u>name</u> <u>discountSurcharge</u> <u>voucher</u> <u>thirdParty</u> <u>price1</u> <u>price2</u> <u>price3</u> <u>price4</u> <u>price5</u> <u>price6</u>
used by	element <u>insika/transaction/itemList/item</u>
source	<code><xs:complexType name="itemType"></code> <code><xs:all></code>

```
<xs:element name="qnt" type="xs:float" minOccurs="0" maxOccurs="1"/>
<xs:element name="unit" minOccurs="0" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:maxLength value="16"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="name" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>

<xs:element name="discountSurcharge" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="voucher" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="thirdParty" type="emptyType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price1" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price2" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price3" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price4" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price5" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  <xs:element name="price6" type="monetaryType" minOccurs="0" maxOccurs="1"/>
</xs:all>
</xs:complexType>
```

3.4.59 **element** itemType/qnt

diagram			
type properties	xs:float		
	minOcc	0	
	maxOcc	1	
	content	simple	
source	<xs:element name="qnt" type="xs:float" minOccurs="0" maxOccurs="1"/>		

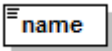
3.4.60 **element** itemType/unit

diagram			
type	restriction of	xs:string	

properties	minOccurs	0		
	maxOccurs	1		
	content	simple		
facets	Kind	Value	Annotation	
	minLength	1		
	maxLength	16		
source	<pre><xs:element name="unit" minOccurs="0" maxOccurs="1"> <xs:simpleType> <xs:restriction base="xs:string"> <xs:minLength value="1"/> <xs:maxLength value="16"/> </xs:restriction> </xs:simpleType> </xs:element></pre>			

3.4.61 element itemType/name

diagram

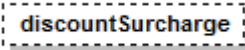


type	restriction of xs:string		
properties	content	simple	
facets	Kind	Value	Annotation
	minLength	1	
	whiteSpace	replace	

source

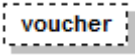
```
<xs:element name="name" minOccurs="1" maxOccurs="1">
  <xs:simpleType>
    <xs:restriction base="xs:string">
      <xs:minLength value="1"/>
      <xs:whiteSpace value="replace"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
```

3.4.62 element itemType/discountSurcharge

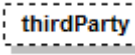
<i>diagram</i>			
<i>type</i>	emptyType		
<i>properties</i>	<i>minOccurs</i>	0	
	<i>maxOccurs</i>	1	

	<i>content</i>	complex
<i>source</i>	<pre><xs:element name="discountSurcharge" type="emptyType" minOccurs="0" maxOccurs="1"/></pre>	

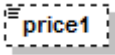
3.4.63 **element** itemType/voucher

<i>diagram</i>		
<i>type</i>	emptyType	
<i>properties</i>	<i>minOcc</i>	0
	<i>maxOcc</i>	1
	<i>content</i>	complex
<i>source</i>	<pre><xs:element name="voucher" type="emptyType" minOccurs="0" maxOccurs="1"/></pre>	

3.4.64 **element** itemType/thirdParty

<i>diagram</i>		
<i>type</i>	emptyType	
<i>properties</i>	<i>minOcc</i>	0
	<i>maxOcc</i>	1
	<i>content</i>	complex
<i>source</i>	<pre><xs:element name="thirdParty" type="emptyType" minOccurs="0" maxOccurs="1"/></pre>	

3.4.65 **element** itemType/price1

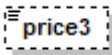
diagram			
type	<u>monetaryType</u>		
properties	minOcc	0	
	maxOcc	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	-99999999999	
	maxInclusive	99999999999	
source	<xs:element name="price1" type="monetaryType" minOccurs="0" maxOccurs="1"/>		

3.4.66 **element** itemType/price2


<i>diagram</i>		
<i>type</i>	monetaryType	

properties	minOccurs	0		
	maxOccurs	1		
	content	simple		
facets	Kind	Value	Annotation	
	minInclusive	-9999999999		
	maxInclusive	9999999999		
source	<xs:element name="price2" type="monetaryType" minOccurs="0" maxOccurs="1"/>			

3.4.67 element itemType/price3

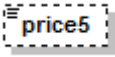
diagram			
type	<u>monetaryType</u>		
properties	minOccurs	0	
	maxOccurs	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	-9999999999	
	maxInclusive	9999999999	
source	<xs:element name="price3" type="monetaryType" minOccurs="0" maxOccurs="1"/>		

3.4.68 element itemType/price4

diagram			
type	<u>monetaryType</u>		
properties	minOccurs	0	
	maxOccurs	1	
	content	simple	
facets	Kind	Value	Annotation
	minInclusive	-9999999999	
	maxInclusive	9999999999	
source	<xs:element name="price4" type="monetaryType" minOccurs="0" maxOccurs="1"/>		

3.4.69 **element** itemType/price5

diagram

A diagram showing a box labeled 'price5' with a dashed border and a small icon in the top-left corner.

type

monetaryType

properties

minOcc	0
maxOcc	1
content	simple

facets

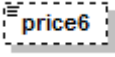
Kind	Value	Annotation
minInclusive	-99999999999	
maxInclusive	99999999999	

source

```
<xs:element name="price5" type="monetaryType" minOccurs="0" maxOccurs="1"/>
```

3.4.70 **element** itemType/price6

diagram

A diagram showing a box labeled 'price6' with a dashed border and a small icon in the top-left corner.

type

monetaryType

properties

minOcc	0
maxOcc	1
content	simple

facets

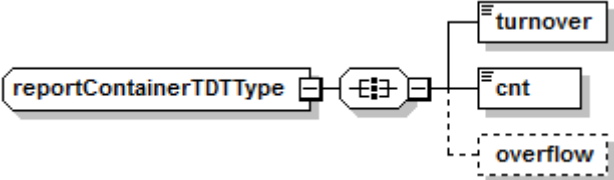
Kind	Value	Annotation
minInclusive	-99999999999	
maxInclusive	99999999999	

source

```
<xs:element name="price6" type="monetaryType" minOccurs="0" maxOccurs="1"/>
```

3.4.71 **complexType** reportContainerTDType

diagram

A diagram showing a complex type 'reportContainerTDType' with a dashed border. It is connected to a container box containing three elements: 'turnover', 'cnt', and 'overflow'. 'turnover' and 'cnt' are solid boxes, while 'overflow' is a dashed box.

children used by

turnover	cnt	overflow
element	element	element
<u>insika/report/containerDeliverynote</u> <u>insika/report/containerThirdparty</u> <u>insika/report/containerTraining</u>		

source

```
<xs:complexType name="reportContainerTDType">
  <xs:all>

  <xs:element name="turnover" type="monetaryReportType" minOccurs="1" maxOccurs="1"/>
  <xs:element name="cnt">
    <xs:simpleType>
```

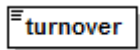
```

    <xs:restriction base="xs:positiveInteger">
      <xs:totalDigits value="8"/>
    </xs:restriction>
  </xs:simpleType>
</xs:element>
<xs:element name="overflow" type="emptyType" minOccurs="0" maxOccurs="1"/>
</xs:all>
</xs:complexType>

```

3.4.72 element reportContainerTDType/turnover

diagram

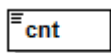


type **monetaryReportType**
 properties content simple

source <xs:element name="turnover" type="monetaryReportType" minOccurs="1" maxOccurs="1"/>

3.4.73 element reportContainerTDType/cnt

diagram



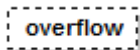
type restriction of **xs:positiveInteger**
 properties content simple

facets	Kind	Value	Annotation
totalDigits		8	

source <xs:element name="cnt">
 <xs:simpleType>
 <xs:restriction base="xs:positiveInteger">
 <xs:totalDigits value="8"/>
 </xs:restriction>
 </xs:simpleType>
 </xs:element>

3.4.74 element reportContainerTDType/overflow

diagram



type **emptyType**
 properties minOcc 0
 maxOcc 1
 content complex

source <xs:element name="overflow" type="emptyType" minOccurs="0" maxOccurs="1"/>

3.4.75 **complexType** reportContainerType

diagram



children used by

turnover	turnoverNeg	vat	vatRate	overflow	vatChange
<u>insika/report/containerVat1</u>	<u>insika/report/containerVat2</u>	<u>insika/report/containerVat3</u>			
<u>insika/report/containerVat4</u>	<u>insika/report/containerVat5</u>	<u>insika/report/containerVat6</u>			

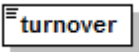
source

```
<xs:complexType name="reportContainerType">
  <xs:all>

    <xs:element name="turnover" type="monetaryReportType" minOccurs="1" maxOccurs="1"/>
    <xs:element name="turnoverNeg" type="monetaryReportType" minOccurs="0"/>
    <xs:element name="vat" type="monetaryReportType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vatRate" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
          <xs:totalDigits value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="overflow" type="emptyType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vatChange" type="emptyType" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
```

3.4.76 **element** reportContainerType/turnover

diagram



type

monetaryReportType

properties

content	simple
---------	--------

source

```
<xs:element name="turnover" type="monetaryReportType" minOccurs="1" maxOccurs="1"/>
```

3.4.77 **element** reportContainerType/turnoverNeg

diagram



type

monetaryReportType

properties

minOcc	0
--------	---

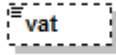
maxOcc 1

content simple

source `<xs:element name="turnoverNeg" type="monetaryReportType" minOccurs="0"/>`

3.4.78 element reportContainerType/vat

diagram



type **monetaryReportType**

properties *minOcc* 0

maxOcc 1

content simple

source `<xs:element name="vat" type="monetaryReportType" minOccurs="0" maxOccurs="1"/>`

3.4.79 element reportContainerType/vatRate

diagram



type restriction of **xs:nonNegativeInteger**
properties *content* simple

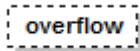
facets *Kind* *Value* *Annotation*

totalDigits 4

source `<xs:element name="vatRate" minOccurs="1" maxOccurs="1">
 <xs:simpleType>
 <xs:restriction base="xs:nonNegativeInteger">
 <xs:totalDigits value="4"/>
 </xs:restriction>
 </xs:simpleType>
 </xs:element>`

3.4.80 element reportContainerType/overflow

diagram



type **emptyType**


properties *minOcc* 0

maxOcc 1

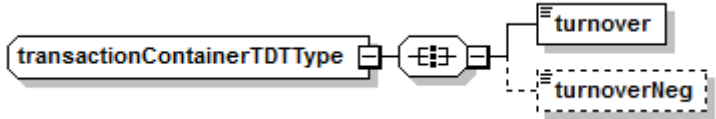
content complex

source `<xs:element name="overflow" type="emptyType" minOccurs="0" maxOccurs="1"/>`


3.4.81 **element** reportContainerType/vatChange

diagram		
type	<u>emptyType</u>	
properties	minOccurs	0
	maxOccurs	1
	content	complex
source	<xs:element name="vatChange" type="emptyType" minOccurs="0" maxOccurs="1"/>	

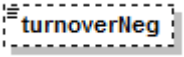
3.4.82 **complexType** transactionContainerTDType

diagram			
children	turnover turnoverNeg		
source	<xs:complexType name="transactionContainerTDType"> <xs:all> <xs:element name="turnover" type="monetaryType"/> <xs:element name="turnoverNeg" type="monetaryType" minOccurs="0"/> </xs:all> </xs:complexType>		

3.4.83 **element** transactionContainerTDType/turnover

diagram			
type	<u>monetaryType</u>		
properties	content	simple	
facets	Kind	Value	Annotation
	minInclusive	-9999999999	
	maxInclusive	9999999999	
source	<xs:element name="turnover" type="monetaryType"/>		

3.4.84 **element** transactionContainerTDType/turnoverNeg

diagram			
type	monetaryType		
properties	minOccurs	0	
	maxOccurs	1	
	content	simple	
facets	Kind	Value	Annotation

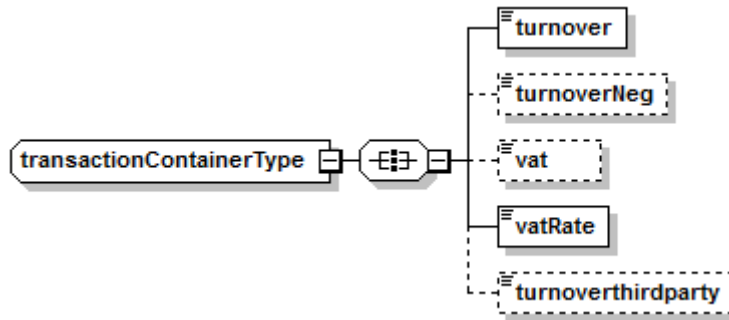
minInclusive -99999999999

maxInclusive 99999999999

source `<xs:element name="turnoverNeg" type="monetaryType" minOccurs="0"/>`

3.4.85 **complexType** transactionContainerType

diagram



children used by

turnover	turnoverNeg	vat	vatRate	turnoverthirdparty
element	insika/transaction/containerVat1	insika/transaction/containerVat2	insika/transaction/containerVat3	insika/transaction/containerVat4
	insika/transaction/containerVat5	insika/transaction/containerVat6		

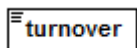
source

```

<xs:complexType name="transactionContainerType">
  <xs:all>
    <xs:element name="turnover" type="monetaryType" minOccurs="1" maxOccurs="1"/>
    <xs:element name="turnoverNeg" type="monetaryType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vat" type="monetaryType" minOccurs="0" maxOccurs="1"/>
    <xs:element name="vatRate" minOccurs="1" maxOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:nonNegativeInteger">
          <xs:totalDigits value="4"/>
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="turnoverthirdparty" type="monetaryType" minOccurs="0" maxOccurs="1"/>
  </xs:all>
</xs:complexType>
  
```

3.4.86 **element** transactionContainerType/turnover

diagram



type	monetaryType
properties	content simple
facets	Kind Value Annotation
minInclusive	-99999999999
maxInclusive	99999999999

source `<xs:element name="turnover" type="monetaryType" minOccurs="1" maxOccurs="1"/>`

3.4.87 **element** transactionContainerType/turnoverNeg

diagram



type **monetaryType**

properties

minOcc	0
--------	---

maxOcc	1
--------	---

content	simple
---------	--------

facets

Kind	Value	Annotation
------	-------	------------

minInclusive	-9999999999	
--------------	-------------	--

maxInclusive	9999999999	
--------------	------------	--

source `<xs:element name="turnoverNeg" type="monetaryType" minOccurs="0" maxOccurs="1"/>`

3.4.88 **element** transactionContainerType/vat

diagram



type **monetaryType**

properties

minOcc	0
--------	---

maxOcc	1
--------	---

content	simple
---------	--------

facets

Kind	Value	Annotation
------	-------	------------

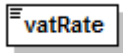
minInclusive	-9999999999	
--------------	-------------	--

maxInclusive	9999999999	
--------------	------------	--

source `<xs:element name="vat" type="monetaryType" minOccurs="0" maxOccurs="1"/>`

3.4.89 **element** transactionContainerType/vatRate

diagram



type restriction of **xs:nonNegativeInteger**

properties

content	simple
---------	--------

facets

Kind	Value	Annotation
------	-------	------------

totalDigits	4	
-------------	---	--

source `<xs:element name="vatRate" minOccurs="1" maxOccurs="1">
<xs:simpleType>
<xs:restriction base="xs:nonNegativeInteger">
<xs:totalDigits value="4"/>
</xs:restriction>
</xs:simpleType>
</xs:element>`

```

</xs:restriction>
</xs:simpleType>
</xs:element>

```

3.4.90 element transactionContainerType/turnoverthirdparty

diagram



type	monetaryType		
properties	<i>minOcc</i>	0	
	<i>maxOcc</i>	1	
	<i>content</i>	simple	
facets	<i>Kind</i>	<i>Value</i>	<i>Annotation</i>
	minInclusive	-99999999999	
	maxInclusive	99999999999	
source	<pre> <xs:element name="turnoverthirdparty" type="monetaryType" minOccurs="0" maxOccurs="1"/> </pre>		

3.4.91 simpleType dateType

type	restriction of	xs:string	
properties	<i>base</i>	xs:string	
used by	<i>element</i>	<u>insika/transaction/date</u> <u>insika/report/date</u>	
facets	<i>Kind</i>	<i>Value</i>	<i>Annotation</i>
	length	8	
annotation	documentation string		
source	<pre> <xs:simpleType name="dateType"> <xs:annotation> <xs:documentation>string</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="8"/> </xs:restriction> </xs:simpleType> </pre>		

3.4.92 simpleType monetaryReportType

type	xs:integer		
properties	base	xs:integer	
used by	element	<u>reportContainerType/turnover</u> <u>reportContainerTDType/turnover</u> <u>reportContainerType/turnoverNeg</u> <u>reportContainerType/vat</u>	
source	<xs:simpleType name="monetaryReportType">		

```
<xs:restriction base="xs:integer"/>
</xs:simpleType>
```

3.4.93 simpleType monetaryType

type	restriction of	xs:long				
properties	base	xs:long				
used by	element	<u>itemType/price1</u>	<u>itemType/price2</u>	<u>itemType/price3</u>	<u>itemType/price4</u>	<u>itemType/price5</u>
		<u>itemType/price6</u>	<u>transactionContainerType/turnover</u>			
		<u>transactionContainerTDType/turnover</u>	<u>transactionContainerType/turnoverNeg</u>			
		<u>transactionContainerTDType/turnoverNeg</u>				
		<u>transactionContainerType/turnoverthirdparty</u>	<u>transactionContainerType/vat</u>			
facets	Kind	Value	Annotation			
	minInclusive	-999999999999				
	maxInclusive	999999999999				
source	<pre><xs:simpleType name="monetaryType"> <xs:restriction base="xs:long"> <xs:minInclusive value="-999999999999"/> <xs:maxInclusive value="999999999999"/> </xs:restriction> </xs:simpleType></pre>					

3.4.94 simpleType seqNoType

type	restriction of	xs:unsignedInt	
properties	base	xs:unsignedInt	
used by	element	<u>insika/report/seqNoReport</u> <u>insika/transaction/seqNoTransaction</u> <u>insika/report/seqNoTransactionFirst</u> <u>insika/report/seqNoTransactionLast</u>	
facets	Kind	Value	Annotation
	minInclusive	1	
	maxInclusive	4294967295	
source	<pre><xs:simpleType name="seqNoType"> <xs:restriction base="xs:unsignedInt"> <xs:minInclusive value="1"/> <xs:maxInclusive value="4294967295"/> </xs:restriction> </xs:simpleType></pre>		

3.4.95 simpleType timeType

type	restriction of	xs:string	
properties	base	xs:string	
used by	element	<u>insika/transaction/time</u> <u>insika/report/time</u>	

<i>facets</i>	<i>Kind</i>	<i>Value</i>	<i>Annotation</i>
	length	4	
annotation	documentation		
n	string		
source	<pre><xs:simpleType name="timeType"> <xs:annotation> <xs:documentation>string</xs:documentation> </xs:annotation> <xs:restriction base="xs:string"> <xs:length value="4"/> </xs:restriction> </xs:simpleType></pre>		