Message structure: Settlement account statement (semt.smt.001.04)

Description:

Account statement with balances and lists of settled instructions.

Structure:

No.	or	< XML Tag >	Name	Multiplicity	Type
0		**KDPWDocument**	KDPW system message	[1..1]	**KDPWDocument**
0.1		**semt.smt.001.04**	Settlement account statement	[1..n]	**semt.smt.001.04**
1		**GnlInf**	General information	[1..1]	**GeneralInformation**
1.1		**SndrMsgRef**	Sender message reference	[1..1]	**Max16Text**
1.2		**FuncOfMsg**	Function of message	[1..1]	**FunctionOfMessage**
1.3		**UpdTp**	Update type	[0..1]	**StatementUpdateTypeCode**
1.4		**FrDt**	Statement from date	[1..1]	**ISODate**
1.5		**FrTm**	Statement from time	[0..1]	**ISOTime**
1.6		**ToDt**	Statement to date	[1..1]	**ISODate**
1.7		**ToTm**	Statement to time	[0..1]	**ISOTime**
1.8		**BizDayStat**	Business day state	[0..1]	**BusinessDayState**
1.8.1		**DayPhs**	Day phase	[1..1]	**Max1Text**
1.8.2		**SttlmSsnId**	Settlement session identifier	[0..1]	**Max2Int**
1.9		**CreDtTm**	Creation date and time	[0..1]	**DateAndDateTimeChoice**
1.9.1	{ or	**Dt**	Date	[1..1]	**ISODate**
1.9.2	or }	**DtTm**	Date and time	[1..1]	**ISODateTime**
1.10		**Frqcy**	Frequency code	[0..1]	**Frequency1Code**
1.11		**Lnk**	Linkages	[0..1]	**Linkages**
1.11.1		**RltdRef**	Related request reference	[0..1]	**Max16Text**
2		**StmtForAcct**	Statement for account	[1..n]	**StatementForAccount**

2.1		**KDPWMmbId**	KDPW member identifier	[0..1]	**KDPWMemberIdentifier**
2.2		**KDPWSafAcct**	KDPW safekeeping account	[1..1]	**Max16TextCollapse**
2.3		**ActvtyInd**	Activity indicator	[1..1]	**YesNoIndicator**
2.4		**SubAcctDtls**	Subaccount details	[0..n]	**SubAccountDetails**
2.4.1		**BalTp**	Balance type	[1..1]	**Code4Text**
2.4.2		**ISIN**	ISIN identifier	[1..1]	**ISINIdentifier**
2.4.3		**OpngBal**	Opening balance	[1..1]	**FinancialInstrumentQuantityAndS...**
2.4.3.1		**Qty**	Financial instrument quantity	[1..1]	**FinancialInstrumentQuantity**
2.4.3.1.1		**Unit**	Unit	[0..1]	**Max14Int**
2.4.3.1.2		**FaceAmt**	Face amount	[0..1]	**Amount**
2.4.3.2		**CdtDbtInd**	Credit/Debit indicator	[1..1]	**CreditDebitCode**
2.4.4		**ClsgBal**	Closing balance	[1..1]	**FinancialInstrumentQuantityAndS...**
2.4.4.1		**Qty**	Financial instrument quantity	[1..1]	**FinancialInstrumentQuantity**
2.4.4.1.1		**Unit**	Unit	[0..1]	**Max14Int**
2.4.4.1.2		**FaceAmt**	Face amount	[0..1]	**Amount**
2.4.4.2		**CdtDbtInd**	Credit/Debit indicator	[1..1]	**CreditDebitCode**
2.4.5		**Trad**	Trade	[0..n]	**Trade**
2.4.5.1		**Lnk**	Trade linkages	[1..1]	**TradeLinkages**
2.4.5.1.1		**InstrTp**	Instruction type	[1..1]	**InstructionType**
2.4.5.1.2		**PrvsRef**	Previous reference	[0..1]	**Max16Text**
2.4.5.1.3		**RltdRef**	Related reference	[0..n]	**Max16Text**
2.4.5.1.4		**CmonRef**	Common reference	[0..1]	**Max16Text**
2.4.5.1.5		**MktRef**	Market reference	[0..1]	**Max16Text**
2.4.5.1.6		**AcctSvcrRef**	Account servicer reference	[0..1]	**Max16Text**
2.4.5.1.7		**LndgBrrwgRef**	Lending/Borrowing reference	[0..1]	**Max16Text**

2.4.5.1.8		CARef	CA reference	[0..1]	Max16Text
2.4.5.1.9		RpRef	Repo reference	[0..1]	Max16Text
2.4.5.1.10		NetSvcrRef	Netting servicer reference	[0..1]	Max16Text
2.4.5.1.11		TrptyClntTxRef	Tri-party client trade reference	[0..1]	Max16Text
2.4.5.1.12		TrptyAgtTxRef	Tri-party agent trade reference	[0..1]	Max16Text
2.4.5.1.13		SttlmRcrdRef	Settlement record reference	[0..1]	Max16Text
2.4.5.2		TradDtls	Settlement instruction details	[0..1]	SettlementInstructionDetails
2.4.5.2.1		PlcOfTrad	Place of trading	[0..1]	Max16TextCollapse
2.4.5.2.2		KDPWPlcOfTrad	KDPW place of trading	[0..1]	KDPWMarketIdentifier
2.4.5.2.3		PlcOfClr	Place of clearing	[0..1]	PlaceOfClearing
2.4.5.2.3.1		LEI	LEI	[1..1]	LEIIdentifier
2.4.5.2.4		TradMode	Trading mode	[0..1]	Max16TextCollapse
2.4.5.2.5		KDPWTradMode	KDPW trading mode	[0..1]	Max2Text
2.4.5.2.6		TradDtTm	Trade date and time	[0..1]	DateAndDateTimeChoice
2.4.5.2.6.1	{ or	Dt	Date	[1..1]	ISODate
2.4.5.2.6.2	or }	DtTm	Date and time	[1..1]	ISODateTime
2.4.5.2.7		SttlmQty	Financial instrument quantity	[1..1]	FinancialInstrumentQuantity
2.4.5.2.7.1		Unit	Unit	[0..1]	Max14Int
2.4.5.2.7.2		FaceAmt	Face amount	[0..1]	Amount
2.4.5.2.8		DlvrRcvCd	Deliver/Receive code	[1..1]	DeliverReceiveCode
2.4.5.2.9		Pmt	Payment code	[1..1]	PaymentCode
2.4.5.2.10		SttlmTxTp	Settlement transaction type	[0..1]	SettlementTransactionType
2.4.5.2.11		KDPWSttlmTxTp	KDPW settlement transaction type	[0..1]	KDPWSettlementTransactionType
2.4.5.2.12		CACd	CA code	[0..1]	Code4Text
2.4.5.2.13		TxPhs	Transaction phase	[0..1]	Code4Text
2.4.5.2.14		ESttlmDtTm	Settlement date	[0..1]	DateAndDateTimeChoice

			and time		
2.4.5.2.14.1	{ or	**Dt**	Date	[1..1]	**ISODate**
2.4.5.2.14.2	or }	**DtTm**	Date and time	[1..1]	**ISODateTime**
2.4.5.2.15		**SttlmSys**	Settlement system	[0..1]	**SettlementSystem**
2.4.5.2.16		**CshSttlmSys**	Cash settlement system	[0..1]	**CashSettlementSystem**
2.4.5.2.17		**SttlmAmt**	Settlement currency and amount	[0..1]	**CurrencyAmountAndDirection**
2.4.5.2.17.1		**Amt**	Amount	[1..1]	**CurrencyAndAmount**
2.4.5.2.17.2		**CdtDbtInd**	Credit/Debit indicator	[1..1]	**CreditDebitCode**
2.4.5.2.18		**DlvrgSdDtls**	Delivering side details	[0..1]	**DeliveringPartiesAndAccount**
2.4.5.2.18.1		**DlvrgAgtDtls**	Delivering agent details	[0..1]	**SettlementParty**
2.4.5.2.18.1.1		**BIC**	BIC identifier	[0..1]	**BICIdentifier**
2.4.5.2.18.1.2		**KDPWMmbId**	KDPW member identifier	[0..1]	**KDPWMemberIdentifier**
2.4.5.2.18.1.3		**DSSMmbId**	DSS member identifier	[0..1]	**DSSMemberIdentifier**
2.4.5.2.18.1.3.1		**DSS**	Data source issuer	[1..1]	**Max8Text**
2.4.5.2.18.1.3.2		**MmbId**	Data source issuer member identifier	[1..1]	**Max34Text**
2.4.5.2.18.1.4		**PrtryId**	Proprietary identification	[0..1]	**Max70Text**
2.4.5.2.19		**RcvgSdDtls**	Receiving side details	[0..1]	**ReceivingPartiesAndAccount**
2.4.5.2.19.1		**RcvgAgtDtls**	Receiving agent details	[0..1]	**SettlementParty**
2.4.5.2.19.1.1		**BIC**	BIC identifier	[0..1]	**BICIdentifier**
2.4.5.2.19.1.2		**KDPWMmbId**	KDPW member identifier	[0..1]	**KDPWMemberIdentifier**
2.4.5.2.19.1.3		**DSSMmbId**	DSS member identifier	[0..1]	**DSSMemberIdentifier**
2.4.5.2.19.1.3.1		**DSS**	Data source issuer	[1..1]	**Max8Text**
2.4.5.2.19.1.3.2		**MmbId**	Data source issuer member identifier	[1..1]	**Max34Text**
2.4.5.2.19.1.4		**PrtryId**	Proprietary identification	[0..1]	**Max70Text**

Message component elements:

KDPWDocument- **KDPW system message** (element)	
Description	KDPW system message
Type	**KDPWDocument**
Source	\<xs:element name="KDPWDocument" type="KDPWDocument" />

Amount- **Amount** (simple type)	
Description	Amount
Type	Derivative of type: xs:decimal
Format	Min. value=0 Number of decimal places=2 Number of characters=14

Source	\<xs:simpleType name="Amount" >
	  \<xs:restriction base="xs:decimal" >
	    \<xs:minInclusive value="0" />
	    \<xs:fractionDigits value="2" />
	    \<xs:totalDigits value="14" />
	  \</xs:restriction>
	\</xs:simpleType>

AmountAndDate- **Currency, amount and date** (complex type)	
Description	Currency, amount and date
Component elements	**Amt** **ValDt**{0,1}

Source	\<xs:complexType name="AmountAndDate" >
	  \<xs:sequence >
	    \<xs:element name="Amt" type="CurrencyAndAmount" />
	    \<xs:element name="ValDt" type="ISODate" minOccurs="0" />
	  \</xs:sequence>
	\</xs:complexType>

AmountAndDate/Amt- **Currency and amount** (element)	
Description	Currency and amount
Type	**CurrencyAndAmount**
Source	\<xs:element name="Amt" type="CurrencyAndAmount" />

AmountAndDate/ValDt- **Value date** (element)	
Description	Financial instrument valuation date.
Type	**ISODate**
Source	\<xs:element name="ValDt" type="ISODate" minOccurs="0" />

BICIdentifier- **BIC identifier** (simple type)	
Description	Financial institution BIC identifier
Type	Derivative of type: xs:string
Format	xs:pattern=[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}
Source	<xs:simpleType name="BICIdentifier" > <xs:restriction base="xs:string" > <xs:pattern value="[A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}" /> </xs:restriction> </xs:simpleType>

BusinessDayState- **Business day state** (complex type)	
Description	Business day state
Component elements	**DayPhs** **SttlmSsnId**{0,1}
Source	<xs:complexType name="BusinessDayState" > <xs:sequence > <xs:element name="DayPhs" type="Max1Text" /> <xs:element name="SttlmSsnId" type="Max2Int" minOccurs="0" /> </xs:sequence> </xs:complexType>

BusinessDayState/DayPhs- **Day phase** (element)	
Description	Day phase
Type	**Max1Text**
Source	<xs:element name="DayPhs" type="Max1Text" />

BusinessDayState/SttlmSsnId- **Settlement session identifier** (element)	
Description	Settlement session identifier
Type	**Max2Int**
Source	<xs:element name="SttlmSsnId" type="Max2Int" minOccurs="0" />

CashSettlementSystem- **Cash settlement system** (simple type)	
Description	Cash settlement system. The field defines the cash credits and debits netting method.
Type	Derivative of type: xs:string
Format	**Code** **Description** NETT Multilateral netting BILL Bilateral netting GROSGross settlement
Source	<xs:simpleType name="CashSettlementSystem" >

```
    <xs:restriction base="xs:string" >
      <xs:enumeration value="NETT" />
      <xs:enumeration value="BILL" />
      <xs:enumeration value="GROS" />
    </xs:restriction>
  </xs:simpleType>
```

Code4Text- Qualifier (simple type)

Description	Qualifier, code
Type	Derivative of type: xs:string
Format	Min. length=4 Max. length=4

Source	`<xs:simpleType name="Code4Text" >`
	`  <xs:restriction base="xs:string" >`
	`    <xs:whiteSpace value="collapse" />`
	`    <xs:minLength value="4" />`
	`    <xs:maxLength value="4" />`
	`  </xs:restriction>`
	`</xs:simpleType>`

CreditDebitCode- Credit/Debit indicator (simple type)

Description	Credit/Debit indicator
Type	Derivative of type: xs:string
Format	**Code Description** CRDTCredit DBIT Debit

Source	`<xs:simpleType name="CreditDebitCode" >`
	`  <xs:restriction base="xs:string" >`
	`    <xs:enumeration value="CRDT" />`
	`    <xs:enumeration value="DBIT" />`
	`  </xs:restriction>`
	`</xs:simpleType>`

CurrencyAndAmount- Currency and amount (complex type)

Description	Currency and amount	
Type	Derivative of type: **Amount**	
Attributes	**Name** **Description** **Type** Ccy Currency code **CurrencyCode**	

Source	`<xs:complexType name="CurrencyAndAmount" >`
	`  <xs:simpleContent>`
	`    <xs:extension base="Amount" >`
	`     < xs:attribute name="Ccy" type="CurrencyCode" use="required" />`
	`    </xs:extension>`	
```

| | |
|---|---|
| | `</xs:simpleContent>`<br>`</xs:complexType>` |

**CurrencyAmountAndDirection- Currency, amount and direction (complex type)**

| | |
|---|---|
| **Description** | Currency, amount and direction |
| **Component elements** | **Amt**<br>**CdtDbtInd** |
| **Source** | `<xs:complexType name="CurrencyAmountAndDirection" >`<br>  `<xs:sequence >`<br>    `<xs:element name="Amt" type="CurrencyAndAmount" />`<br>    `<xs:element name="CdtDbtInd" type="CreditDebitCode" />`<br>  `</xs:sequence>`<br>`</xs:complexType>` |

**CurrencyAmountAndDirection/Amt- Amount (element)**

| | |
|---|---|
| **Description** | Amount |
| **Type** | **CurrencyAndAmount** |
| **Source** | `<xs:element name="Amt" type="CurrencyAndAmount" />` |

**CurrencyAmountAndDirection/CdtDbtInd- Credit/Debit indicator (element)**

| | |
|---|---|
| **Description** | Credit/Debit indicator |
| **Type** | **CreditDebitCode** |
| **Source** | `<xs:element name="CdtDbtInd" type="CreditDebitCode" />` |

**CurrencyCode- Currency code (simple type)**

| | |
|---|---|
| **Description** | Currency code |
| **Type** | Derivative of type: xs:string |
| **Format** | xs:pattern=[A-Z]{3,3} |
| **Source** | `<xs:simpleType name="CurrencyCode" >`<br>  `<xs:restriction base="xs:string" >`<br>    `<xs:pattern value="[A-Z]{3,3}" />`<br>  `</xs:restriction>`<br>`</xs:simpleType>` |

**DateAndDateTimeChoice- Date and time (complex type)**

| | |
|---|---|
| **Description** | Date and time |
| **Component elements** | **Dt**<br>**DtTm** |
| **Source** | `<xs:complexType name="DateAndDateTimeChoice" >`<br>  `<xs:sequence >`<br>    `<xs:choice >` |

```
                        <xs:element name="Dt" type="ISODate" />
                        <xs:element name="DtTm" type="ISODateTime" />
                    </xs:choice>
                </xs:sequence>
            </xs:complexType>
```

DateAndDateTimeChoice/Dt- Date (element)

Description	Date
Type	**ISODate**
Source	`<xs:element name="Dt" type="ISODate" />`

DateAndDateTimeChoice/DtTm- Date and time (element)

Description	Date and time
Type	**ISODateTime**
Source	`<xs:element name="DtTm" type="ISODateTime" />`

DeliveringPartiesAndAccount- Delivering side details (complex type)

Description	Delivering (selling) party details
Component elements	**DlvrgAgtDtls**{0,1}

Source	`<xs:complexType name="DeliveringPartiesAndAccount" >`
	`  <xs:sequence >`
	`    <xs:element name="DlvrgAgtDtls" type="SettlementParty" minOccurs="0" />`
	`  </xs:sequence>`
	`</xs:complexType>`

DeliveringPartiesAndAccount/DlvrgAgtDtls- Delivering agent details (element)

Description	Delivering agent details
Type	**SettlementParty**
Source	`<xs:element name="DlvrgAgtDtls" type="SettlementParty" minOccurs="0" />`

DeliverReceiveCode- Deliver/Receive code (simple type)

Description	Deliver/Receive code
Type	Derivative of type: xs:string
Format	**Code Description** DELI Deliver (Sell) RECEReceive (Buy)

Source	`<xs:simpleType name="DeliverReceiveCode" >`
	`  <xs:restriction base="xs:string" >`
	`    <xs:enumeration value="DELI" />`
	`    <xs:enumeration value="RECE" />`
	`  </xs:restriction>`
	`</xs:simpleType>`

DSSMemberIdentifier- **DSS member identifier** (complex type)	
Description	DSS member identifier
Component elements	**DSS** **MmbId**
Source	<xs:complexType name="DSSMemberIdentifier" > <xs:sequence > <xs:element name="DSS" type="Max8Text" /> <xs:element name="MmbId" type="Max34Text" /> </xs:sequence> </xs:complexType>

DSSMemberIdentifier/DSS- **Data source issuer** (element)	
Description	ISO15022 data source issuer
Type	**Max8Text**
Source	<xs:element name="DSS" type="Max8Text" />

DSSMemberIdentifier/MmbId- **Data source issuer member identifier** (element)	
Description	Data source issuer member identifier
Type	**Max34Text**
Source	<xs:element name="MmbId" type="Max34Text" />

FinancialInstrumentQuantity- **Financial instrument quantity** (complex type)	
Description	Financial instrument quantity in units or face amount
Component elements	**Unit**{0,1} **FaceAmt**{0,1}
Source	<xs:complexType name="FinancialInstrumentQuantity" > <xs:sequence > <xs:element name="Unit" type="Max14Int" minOccurs="0" /> <xs:element name="FaceAmt" type="Amount" minOccurs="0" /> </xs:sequence> </xs:complexType>

FinancialInstrumentQuantity/Unit- **Unit** (element)	
Description	Unit
Type	**Max14Int**
Source	<xs:element name="Unit" type="Max14Int" minOccurs="0" />

FinancialInstrumentQuantity/FaceAmt- **Face amount** (element)	
Description	Face amount
Type	**Amount**

Source	`<xs:element name="FaceAmt" type="Amount" minOccurs="0" />`

FinancialInstrumentQuantityAndSign- Financial instrument quantity and sign (complex type)

Description	Financial instrument quantity in units or face amount and sign
Component elements	**Qty** **CdtDbtInd**

Source	`<xs:complexType name="FinancialInstrumentQuantityAndSign" >`
	  `<xs:sequence >`
	    `<xs:element name="Qty" type="FinancialInstrumentQuantity" />`
	    `<xs:element name="CdtDbtInd" type="CreditDebitCode" />`
	  `</xs:sequence>`
	`</xs:complexType>`

FinancialInstrumentQuantityAndSign/Qty- Financial instrument quantity (element)

Description	Financial instrument quantity
Type	**FinancialInstrumentQuantity**
Source	`<xs:element name="Qty" type="FinancialInstrumentQuantity" />`

FinancialInstrumentQuantityAndSign/CdtDbtInd- Credit/Debit indicator (element)

Description	Credit/Debit indicator
Type	**CreditDebitCode**
Source	`<xs:element name="CdtDbtInd" type="CreditDebitCode" />`

Frequency1Code- Frequency code (simple type)

Description	Frequency code
Type	Derivative of type: xs:string
Format	**Code** **Description** DAIL Daily report ADHO Ad hoc report INDA Intraday report

Source	`<xs:simpleType name="Frequency1Code" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:enumeration value="DAIL" />`
	    `<xs:enumeration value="ADHO" />`
	    `<xs:enumeration value="INDA" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

FunctionOfMessage- Function of message (simple type)

Description	Function of message
Type	Derivative of type: xs:string
Format	**Code** **Description**

	NEWMNew message

Source	`<xs:simpleType name="FunctionOfMessage" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:enumeration value="NEWM" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

GeneralInformation- General information (complex type)

Description	General information
Component elements	**SndrMsgRef** **FuncOfMsg** **UpdTp**{0,1} **FrDt** **FrTm**{0,1} **ToDt** **ToTm**{0,1} **BizDayStat**{0,1} **CreDtTm**{0,1} **Frqcy**{0,1} **Lnk**{0,1}

Source	`<xs:complexType name="GeneralInformation" >`
	  `<xs:sequence >`
	    `<xs:element name="SndrMsgRef" type="Max16Text" />`
	    `<xs:element name="FuncOfMsg" type="FunctionOfMessage" />`
	    `<xs:element name="UpdTp" type="StatementUpdateTypeCode" minOccurs="0" />`
	    `<xs:element name="FrDt" type="ISODate" />`
	    `<xs:element name="FrTm" type="ISOTime" minOccurs="0" />`
	    `<xs:element name="ToDt" type="ISODate" />`
	    `<xs:element name="ToTm" type="ISOTime" minOccurs="0" />`
	    `<xs:element name="BizDayStat" type="BusinessDayState" minOccurs="0" />`
	    `<xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />`
	    `<xs:element name="Frqcy" type="Frequency1Code" minOccurs="0" />`
	    `<xs:element name="Lnk" type="Linkages" minOccurs="0" />`
	  `</xs:sequence>`
	`</xs:complexType>`

GeneralInformation/SndrMsgRef- Sender message reference (element)

Description	Sender message reference
Type	**Max16Text**
Source	`<xs:element name="SndrMsgRef" type="Max16Text" />`

GeneralInformation/FuncOfMsg- Function of message (element)

Description	Function of message
Type	**FunctionOfMessage**
Source	`<xs:element name="FuncOfMsg" type="FunctionOfMessage" />`

GeneralInformation/UpdTp- **Update type** (element)	
Description	Update type (complete date/delta only)
Type	**StatementUpdateTypeCode**
Source	<xs:element name="UpdTp" type="StatementUpdateTypeCode" minOccurs="0" />

GeneralInformation/FrDt- **Statement from date** (element)	
Description	Statement from date
Type	**ISODate**
Source	<xs:element name="FrDt" type="ISODate" />

GeneralInformation/FrTm- **Statement from time** (element)	
Description	Statement from time
Type	**ISOTime**
Source	<xs:element name="FrTm" type="ISOTime" minOccurs="0" />

GeneralInformation/ToDt- **Statement to date** (element)	
Description	Statement to date
Type	**ISODate**
Source	<xs:element name="ToDt" type="ISODate" />

GeneralInformation/ToTm- **Statement to time** (element)	
Description	Statement to time
Type	**ISOTime**
Source	<xs:element name="ToTm" type="ISOTime" minOccurs="0" />

GeneralInformation/BizDayStat- **Business day state** (element)	
Description	Business day state
Type	**BusinessDayState**
Source	<xs:element name="BizDayStat" type="BusinessDayState" minOccurs="0" />

GeneralInformation/CreDtTm- **Creation date and time** (element)	
Description	Creation date and time
Type	**DateAndDateTimeChoice**
Source	<xs:element name="CreDtTm" type="DateAndDateTimeChoice" minOccurs="0" />

GeneralInformation/Frqcy- **Frequency code** (element)	
Description	Frequency code
Type	**Frequency1Code**
Source	<xs:element name="Frqcy" type="Frequency1Code" minOccurs="0" />

GeneralInformation/Lnk- **Linkages** (element)	
Description	Linkages to other messages
Type	**Linkages**
Source	`<xs:element name="Lnk" type="Linkages" minOccurs="0" />`

IBAN- **IBAN** (simple type)	
Description	Settlement bank account number
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=28

Source	`<xs:simpleType name="IBAN" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="1" />`
	    `<xs:maxLength value="28" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

InstructionType- **Instruction type** (simple type)		
Description	Settlement instruction type	
Type	Derivative of type: xs:string	
Format	**Code**	**Description**
	DN	Delivery without payment
	DP	Delivery with payment
	PN	Receipt without payment
	PP	Receipt with payment
	ZN	Market instruction without payment
	ZO	Instruction with reversed payment
	ZP	Market instruction with payment
	ZS	Status change instruction
	OP	Cash transaction

Source	`<xs:simpleType name="InstructionType" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:enumeration value="DN" />`
	    `<xs:enumeration value="DP" />`
	    `<xs:enumeration value="PN" />`
	    `<xs:enumeration value="PP" />`
	    `<xs:enumeration value="ZN" />`
	    `<xs:enumeration value="ZO" />`
	    `<xs:enumeration value="ZP" />`
	    `<xs:enumeration value="ZS" />`
	    `<xs:enumeration value="OP" />`
	  `</xs:restriction>`
	`</xs:simpleType>`	

ISINIdentifier- ISIN identifier (simple type)

Description	Financial instrument ISIN identifier
Type	Derivative of type: xs:string
Format	Min. length=12 Max. length=12

Source	`<xs:simpleType name="ISINIdentifier" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="12" />`
	    `<xs:maxLength value="12" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

ISODate- Date (simple type)

Description	Date
Type	Derivative of type: xs:date
Format	

Source	`<xs:simpleType name="ISODate" >`
	  `<xs:restriction base="xs:date" >`
	  `</xs:restriction>`
	`</xs:simpleType>`

ISODateTime- Date and time (simple type)

Description	Date and time
Type	Derivative of type: xs:dateTime
Format	

Source	`<xs:simpleType name="ISODateTime" >`
	  `<xs:restriction base="xs:dateTime" >`
	  `</xs:restriction>`
	`</xs:simpleType>`

ISOTime- Time (simple type)

Description	Time
Type	Derivative of type: xs:time
Format	

Source	`<xs:simpleType name="ISOTime" >`
	  `<xs:restriction base="xs:time" >`
	  `</xs:restriction>`
	`</xs:simpleType>`

KDPWDocument- KDPW system message (complex type)

Description	KDPW system message		
Attributes	**Name** Sndr Rcvr	**Description** Sender Receiver	**Type** **KDPWMemberIdentifier** **KDPWMemberIdentifier**
Component elements	**semt.smt.001.04**{1,unbounded}		
Source	<xs:complexType name="KDPWDocument" > <xs:sequence > <xs:element name="semt.smt.001.04" type="semt.smt.001.04" maxOccurs="unbounded" /> </xs:sequence> < xs:attribute name="Sndr" type="KDPWMemberIdentifier" use="required" /> < xs:attribute name="Rcvr" type="KDPWMemberIdentifier" use="required" /> </xs:complexType>		

KDPWDocument/semt.smt.001.04- Settlement account statement (element)

Description	Settlement account statement
Type	**semt.smt.001.04**
Source	<xs:element name="semt.smt.001.04" type="semt.smt.001.04" maxOccurs="unbounded" />

KDPWMemberIdentifier- KDPW member identifier (simple type)

Description	KDPW member identifier
Type	Derivative of type: xs:string
Format	Min. length=4 Max. length=4
Source	<xs:simpleType name="KDPWMemberIdentifier" > <xs:restriction base="xs:string" > <xs:whiteSpace value="collapse" /> <xs:minLength value="4" /> <xs:maxLength value="4" /> </xs:restriction> </xs:simpleType>

KDPWMarketIdentifier- KDPW market identifier (simple type)

Description	KDPW market identifier
Type	Derivative of type: xs:string
Format	Min. length=2 Max. length=2
Source	<xs:simpleType name="KDPWMarketIdentifier" > <xs:restriction base="xs:string" >

	`<xs:whiteSpace value="collapse" />`
	`<xs:minLength value="2" />`
	`<xs:maxLength value="2" />`
	`</xs:restriction>`
	`</xs:simpleType>`

KDPWSettlementTransactionType- **KDPW settlement transaction type** (simple type)

Description	KDPW settlement transaction type
Type	Derivative of type: xs:string
Format	Min. length=2 Max. length=2

Source	`<xs:simpleType name="KDPWSettlementTransactionType" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:whiteSpace value="collapse" />`
	   `<xs:minLength value="2" />`
	   `<xs:maxLength value="2" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

LEIIdentifier- **LEI** (simple type)

Description	Legal entity identifier
Type	Derivative of type: xs:string
Format	xs:pattern=[A-Z0-9]{18,18}[0-9]{2,2}

Source	`<xs:simpleType name="LEIIdentifier" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:pattern value="[A-Z0-9]{18,18}[0-9]{2,2}" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Linkages- **Linkages** (complex type)

Description	Linkages to other messages
Component elements	**RltdRef** {0,1}

Source	`<xs:complexType name="Linkages" >`
	  `<xs:sequence >`
	   `<xs:element name="RltdRef" type="Max16Text" minOccurs="0" />`
	  `</xs:sequence>`
	`</xs:complexType>`

Linkages/RltdRef- **Related request reference** (element)

Description	Related request reference. Populated for ad hoc statements generated following a request.
Type	**Max16Text**

Source	`<xs:element name="RltdRef" type="Max16Text" minOccurs="0" />`

MatchType- Match type (simple type)

Description	Match type
Type	Derivative of type: xs:string
Format	**Code Description** N No matching B Matching without tolerance T Matching with tolerance 3 Trilateral matching

Source	`<xs:simpleType name="MatchType" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:enumeration value="N" />`
	    `<xs:enumeration value="B" />`
	    `<xs:enumeration value="T" />`
	    `<xs:enumeration value="3" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max1Text- Text (simple type)

Description	Text, max. length 1 character
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=1

Source	`<xs:simpleType name="Max1Text" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="1" />`
	    `<xs:maxLength value="1" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max2Text- Text (simple type)

Description	Text, max. length 2 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=2

Source	`<xs:simpleType name="Max2Text" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:whiteSpace value="collapse" />`
	    `<xs:minLength value="1" />`
	    `<xs:maxLength value="2" />`

	`</xs:restriction>` `</xs:simpleType>`

Max8Text- Text (simple type)

Description	Text, max. length 8 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=8

Source	`<xs:simpleType name="Max8Text" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:whiteSpace value="collapse" />`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="8" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max16Text- Text (simple type)

Description	Text, max. length 16 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=16

Source	`<xs:simpleType name="Max16Text" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="16" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max16TextCollapse- Text (simple type)

Description	Text, max. length 16 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=16

Source	`<xs:simpleType name="Max16TextCollapse" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:whiteSpace value="collapse" />`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="16" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max34Text- Text (simple type)

Description	Text, max. length 34 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=34

Source	`<xs:simpleType name="Max34Text" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:whiteSpace value="collapse" />`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="34" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max35Text- Text (simple type)

Description	Text, max. length 35 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=35

Source	`<xs:simpleType name="Max35Text" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:whiteSpace value="collapse" />`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="35" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max70Text- Text (simple type)

Description	Text, max. length 70 characters
Type	Derivative of type: xs:string
Format	Min. length=1 Max. length=70

Source	`<xs:simpleType name="Max70Text" >`
	  `<xs:restriction base="xs:string" >`
	   `<xs:whiteSpace value="collapse" />`
	   `<xs:minLength value="1" />`
	   `<xs:maxLength value="70" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max140Text- Text (simple type)

Description	Text, max. length 140 characters
Type	Derivative of type: xs:string

Format	Min. length=1 Max. length=140

Source	`<xs:simpleType name="Max140Text" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:minLength value="1" />`
	    `<xs:maxLength value="140" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max2Int- Integer (simple type)

Description	Integer, max. length 2 digits
Type	Derivative of type: xs:integer
Format	Number of characters=2 Min. value=0

Source	`<xs:simpleType name="Max2Int" >`
	  `<xs:restriction base="xs:integer" >`
	    `<xs:totalDigits value="2" />`
	    `<xs:minInclusive value="0" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max3Int- Integer (simple type)

Description	Integer, max. length 3 digits
Type	Derivative of type: xs:integer
Format	Number of characters=3 Min. value=0

Source	`<xs:simpleType name="Max3Int" >`
	  `<xs:restriction base="xs:integer" >`
	    `<xs:totalDigits value="3" />`
	    `<xs:minInclusive value="0" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

Max14Int- Integer (simple type)

Description	Integer, max. length 14 digits
Type	Derivative of type: xs:integer
Format	Number of characters=14 Min. value=0
Source	`<xs:simpleType name="Max14Int" >`

```
    <xs:restriction base="xs:integer" >
      <xs:totalDigits value="14" />
      <xs:minInclusive value="0" />
    </xs:restriction>
</xs:simpleType>
```

MICIdentifier- MIC identifier (simple type)

Description	MIC identifier
Type	Derivative of type: xs:string
Format	Min. length=4 Max. length=4

Source	`<xs:simpleType name="MICIdentifier" >`
	`  <xs:restriction base="xs:string" >`
	`    <xs:whiteSpace value="collapse" />`
	`    <xs:minLength value="4" />`
	`    <xs:maxLength value="4" />`
	`  </xs:restriction>`
	`</xs:simpleType>`

OpenCloseIndicator- Open/Close position indicator (simple type)

Description	Open/Close position indicator
Type	Derivative of type: xs:string
Format	**CodeDescription** O Open C Close

Source	`<xs:simpleType name="OpenCloseIndicator" >`
	`  <xs:restriction base="xs:string" >`
	`    <xs:enumeration value="O" />`
	`    <xs:enumeration value="C" />`
	`  </xs:restriction>`
	`</xs:simpleType>`

PaymentCode- Payment code (simple type)

Description	Payment code
Type	Derivative of type: xs:string
Format	**Code Description** APMTAgainst payment FREE Free of payment

Source	`<xs:simpleType name="PaymentCode" >`
	`  <xs:restriction base="xs:string" >`
	`    <xs:enumeration value="APMT" />`
	`    <xs:enumeration value="FREE" />`
	`  </xs:restriction>`
	`</xs:simpleType>`

PlaceOfClearing- Place of clearing (complex type)	
Description	Place of clearing
Component elements	**LEI**

Source	\<xs:complexType name="PlaceOfClearing" \>
	  \<xs:sequence \>
	    \<xs:element name="LEI" type="LEIIdentifier" /\>
	  \</xs:sequence\>
	\</xs:complexType\>

PlaceOfClearing/LEI- LEI (element)	
Description	Legal entity identifier
Type	**LEIIdentifier**
Source	\<xs:element name="LEI" type="LEIIdentifier" /\>

ReceivingPartiesAndAccount- Receiving side details (complex type)	
Description	Receiving (buying) party details
Component elements	**RcvgAgtDtls**{0,1}

Source	\<xs:complexType name="ReceivingPartiesAndAccount" \>
	  \<xs:sequence \>
	    \<xs:element name="RcvgAgtDtls" type="SettlementParty" minOccurs="0" /\>
	  \</xs:sequence\>
	\</xs:complexType\>

ReceivingPartiesAndAccount/RcvgAgtDtls- Receiving agent details (element)	
Description	Receiving agent details
Type	**SettlementParty**
Source	\<xs:element name="RcvgAgtDtls" type="SettlementParty" minOccurs="0" /\>

ReceiveDeliverCode- Deliver/Receive code (simple type)	
Description	Deliver/Receive code
Type	Derivative of type: xs:string
Format	**Code Description** DELIDeliver (Sell) DBITReceive (Buy)

Source	\<xs:simpleType name="ReceiveDeliverCode" \>
	  \<xs:restriction base="xs:string" \>
	    \<xs:enumeration value="DELI" /\>
	    \<xs:enumeration value="DBIT" /\>
	  \</xs:restriction\>
	\</xs:simpleType\>

SettlementInstructionDetails- **Settlement instruction details** (complex type)	
Description	Settlement instruction details
Component elements	**PlcOfTrad**{0,1} **KDPWPlcOfTrad**{0,1} **PlcOfClr**{0,1} **TradMode**{0,1} **KDPWTradMode**{0,1} **TradDtTm**{0,1} **SttlmQty** **DlvrRcvCd** **Pmt** **SttlmTxTp**{0,1} **KDPWSttlmTxTp**{0,1} **CACd**{0,1} **TxPhs**{0,1} **ESttlmDtTm**{0,1} **SttlmSys**{0,1} **CshSttlmSys**{0,1} **SttlmAmt**{0,1} **DlvrgSdDtls**{0,1} **RcvgSdDtls**{0,1}

Source	`<xs:complexType name="SettlementInstructionDetails" >`
	  `<xs:sequence >`
	   `<xs:element name="PlcOfTrad" type="Max16TextCollapse" minOccurs="0" />`
	   `<xs:element name="KDPWPlcOfTrad" type="KDPWMarketIdentifier" minOccurs="0" />`
	   `<xs:element name="PlcOfClr" type="PlaceOfClearing" minOccurs="0" />`
	   `<xs:element name="TradMode" type="Max16TextCollapse" minOccurs="0" />`
	   `<xs:element name="KDPWTradMode" type="Max2Text" minOccurs="0" />`
	   `<xs:element name="TradDtTm" type="DateAndDateTimeChoice" minOccurs="0" />`
	   `<xs:element name="SttlmQty" type="FinancialInstrumentQuantity" />`
	   `<xs:element name="DlvrRcvCd" type="DeliverReceiveCode" />`
	   `<xs:element name="Pmt" type="PaymentCode" />`
	   `<xs:element name="SttlmTxTp" type="SettlementTransactionType" minOccurs="0" />`
	   `<xs:element name="KDPWSttlmTxTp" type="KDPWSettlementTransactionType" minOccurs="0" />`
	   `<xs:element name="CACd" type="Code4Text" minOccurs="0" />`
	   `<xs:element name="TxPhs" type="Code4Text" minOccurs="0" />`
	   `<xs:element name="ESttlmDtTm" type="DateAndDateTimeChoice" minOccurs="0" />`
	   `<xs:element name="SttlmSys" type="SettlementSystem" minOccurs="0" />`
	   `<xs:element name="CshSttlmSys" type="CashSettlementSystem" minOccurs="0" />`
	   `<xs:element name="SttlmAmt" type="CurrencyAmountAndDirection" minOccurs="0" />`
	   `<xs:element name="DlvrgSdDtls" type="DeliveringPartiesAndAccount" minOccurs="0" />`
	   `<xs:element name="RcvgSdDtls" type="ReceivingPartiesAndAccount"`

	minOccurs="0" /> </xs:sequence> </xs:complexType>

SettlementInstructionDetails/PlcOfTrad- Place of trading (element)

Description	Place of trading
Type	**Max16TextCollapse**
Source	<xs:element name="PlcOfTrad" type="Max16TextCollapse" minOccurs="0" />

SettlementInstructionDetails/KDPWPlcOfTrad- KDPW place of trading (element)

Description	KDPW place of trading
Type	**KDPWMarketIdentifier**
Source	<xs:element name="KDPWPlcOfTrad" type="KDPWMarketIdentifier" minOccurs="0" />

SettlementInstructionDetails/PlcOfClr- Place of clearing (element)

Description	Place of clearing
Type	**PlaceOfClearing**
Source	<xs:element name="PlcOfClr" type="PlaceOfClearing" minOccurs="0" />

SettlementInstructionDetails/TradMode- Trading mode (element)

Description	Trading mode
Type	**Max16TextCollapse**
Source	<xs:element name="TradMode" type="Max16TextCollapse" minOccurs="0" />

SettlementInstructionDetails/KDPWTradMode- KDPW trading mode (element)

Description	KDPW trading mode
Type	**Max2Text**
Source	<xs:element name="KDPWTradMode" type="Max2Text" minOccurs="0" />

SettlementInstructionDetails/TradDtTm- Trade date and time (element)

Description	Trade date and time
Type	**DateAndDateTimeChoice**
Source	<xs:element name="TradDtTm" type="DateAndDateTimeChoice" minOccurs="0" />

SettlementInstructionDetails/SttlmQty- Financial instrument quantity (element)

Description	Financial instrument quantity
Type	**FinancialInstrumentQuantity**
Source	<xs:element name="SttlmQty" type="FinancialInstrumentQuantity" />

SettlementInstructionDetails/DlvrRcvCd- Deliver/Receive code (element)

Description	Deliver/Receive code
Type	**DeliverReceiveCode**
Source	<xs:element name="DlvrRcvCd" type="DeliverReceiveCode" />

SettlementInstructionDetails/Pmt- Payment code (element)

Description	Payment code
Type	**PaymentCode**
Source	<xs:element name="Pmt" type="PaymentCode" />

SettlementInstructionDetails/SttlmTxTp- Settlement transaction type (element)

Description	Settlement transaction type
Type	**SettlementTransactionType**
Source	<xs:element name="SttlmTxTp" type="SettlementTransactionType" minOccurs="0" />

SettlementInstructionDetails/KDPWSttlmTxTp- KDPW settlement transaction type (element)

Description	KDPW settlement transaction type
Type	**KDPWSettlementTransactionType**
Source	<xs:element name="KDPWSttlmTxTp" type="KDPWSettlementTransactionType" minOccurs="0" />

SettlementInstructionDetails/CACd- CA code (element)

Description	CA code. Populated for instructions generated in corporate actions processing.
Type	**Code4Text**
Source	<xs:element name="CACd" type="Code4Text" minOccurs="0" />

SettlementInstructionDetails/TxPhs- Transaction phase (element)

Description	Transaction phase
Type	**Code4Text**
Source	<xs:element name="TxPhs" type="Code4Text" minOccurs="0" />

SettlementInstructionDetails/ESttlmDtTm- Settlement date and time (element)

Description	Settlement date and time
Type	**DateAndDateTimeChoice**
Source	<xs:element name="ESttlmDtTm" type="DateAndDateTimeChoice" minOccurs="0" />

SettlementInstructionDetails/SttlmSys- Settlement system (element)

Description	Securities settlement system
Type	**SettlementSystem**
Source	<xs:element name="SttlmSys" type="SettlementSystem" minOccurs="0" />

SettlementInstructionDetails/CshSttlmSys- Cash settlement system (element)	
Description	Cash settlement system
Type	**CashSettlementSystem**
Source	<xs:element name="CshSttlmSys" type="CashSettlementSystem" minOccurs="0" />

SettlementInstructionDetails/SttlmAmt- Settlement currency and amount (element)	
Description	Settlement currency and amount
Type	**CurrencyAmountAndDirection**
Source	<xs:element name="SttlmAmt" type="CurrencyAmountAndDirection" minOccurs="0" />

SettlementInstructionDetails/DlvrgSdDtls- Delivering side details (element)	
Description	Delivering side details
Type	**DeliveringPartiesAndAccount**
Source	<xs:element name="DlvrgSdDtls" type="DeliveringPartiesAndAccount" minOccurs="0" />

SettlementInstructionDetails/RcvgSdDtls- Receiving side details (element)	
Description	Receiving side details
Type	**ReceivingPartiesAndAccount**
Source	<xs:element name="RcvgSdDtls" type="ReceivingPartiesAndAccount" minOccurs="0" />

SettlementParty- Settlement agent (complex type)	
Description	Settlement agent
Component elements	**BIC**{0,1} **KDPWMmbId**{0,1} **DSSMmbId**{0,1} **PrtryId**{0,1}
Source	<xs:complexType name="SettlementParty" > <xs:sequence > <xs:element name="BIC" type="BICIdentifier" minOccurs="0" /> <xs:element name="KDPWMmbId" type="KDPWMemberIdentifier" minOccurs="0" /> <xs:element name="DSSMmbId" type="DSSMemberIdentifier" minOccurs="0" /> <xs:element name="PrtryId" type="Max70Text" minOccurs="0" /> </xs:sequence> </xs:complexType>

SettlementParty/BIC- BIC identifier (element)	
Description	Financial institution BIC identifier
Type	**BICIdentifier**
Source	<xs:element name="BIC" type="BICIdentifier" minOccurs="0" />

SettlementParty/KDPWMmbId- KDPW member identifier (element)	
Description	KDPW member identifier
Type	**KDPWMemberIdentifier**
Source	<xs:element name="KDPWMmbId" type="KDPWMemberIdentifier" minOccurs="0" />

SettlementParty/DSSMmbId- DSS member identifier (element)	
Description	DSS member identifier
Type	**DSSMemberIdentifier**
Source	<xs:element name="DSSMmbId" type="DSSMemberIdentifier" minOccurs="0" />

SettlementParty/PrtryId- Proprietary identification (element)	
Description	Proprietary identification
Type	**Max70Text**
Source	<xs:element name="PrtryId" type="Max70Text" minOccurs="0" />

SettlementSystem- Settlement system (simple type)	
Description	Securities settlement system. Securities credits and debits netting method.
Type	Derivative of type: xs:string
Format	**Code Description** RTGS Gross settlement MB Multilateral netting
Source	<xs:simpleType name="SettlementSystem" > <xs:restriction base="xs:string" > <xs:enumeration value="RTGS" /> <xs:enumeration value="MB" /> </xs:restriction> </xs:simpleType>

SettlementTransactionType- ISO transaction type (simple type)	
Description	ISO settlement transaction type
Type	Derivative of type: xs:string
Format	Min. length=4 Max. length=4
Source	<xs:simpleType name="SettlementTransactionType" > <xs:restriction base="xs:string" > <xs:whiteSpace value="collapse" /> <xs:minLength value="4" /> <xs:maxLength value="4" /> </xs:restriction> </xs:simpleType>

StatementUpdateTypeCode- **Update type** (simple type)	
Description	Update type
Type	Derivative of type: xs:string
Format	**Code Description** COMPComplete data DELT Delta only

Source	\<xs:simpleType name="StatementUpdateTypeCode" \>
	  \<xs:restriction base="xs:string" \>
	   \<xs:enumeration value="COMP" /\>
	   \<xs:enumeration value="DELT" /\>
	  \</xs:restriction\>
	\</xs:simpleType\>

StatementForAccount- **Statement for account** (complex type)	
Description	Statement for account
Component elements	**KDPWMmbId**{0,1} **KDPWSafAcct** **ActvtyInd** **SubAcctDtls**{0,unbounded}

Source	\<xs:complexType name="StatementForAccount" \>
	  \<xs:sequence \>
	   \<xs:element name="KDPWMmbId" type="KDPWMemberIdentifier" minOccurs="0" /\>
	   \<xs:element name="KDPWSafAcct" type="Max16TextCollapse" /\>
	   \<xs:element name="ActvtyInd" type="YesNoIndicator" /\>
	   \<xs:element name="SubAcctDtls" type="SubAccountDetails" minOccurs="0" maxOccurs="unbounded" /\>
	  \</xs:sequence\>
	\</xs:complexType\>

StatementForAccount/KDPWMmbId- **KDPW member identifier** (element)	
Description	KDPW member identifier
Type	**KDPWMemberIdentifier**
Source	\<xs:element name="KDPWMmbId" type="KDPWMemberIdentifier" minOccurs="0" /\>

StatementForAccount/KDPWSafAcct- **KDPW safekeeping account** (element)	
Description	KDPW safekeeping account
Type	**Max16TextCollapse**
Source	\<xs:element name="KDPWSafAcct" type="Max16TextCollapse" /\>

StatementForAccount/ActvtyInd- **Activity indicator** (element)	
Description	Activity indicator. Value Y stands for transactions in the account. Value N stands for no activity in the account.

Type	YesNoIndicator
Source	<xs:element name="ActvtyInd" type="YesNoIndicator" />

StatementForAccount/SubAcctDtls- Subaccount details (element)

Description	Subaccount details
Type	SubAccountDetails
Source	<xs:element name="SubAcctDtls" type="SubAccountDetails" minOccurs="0" maxOccurs="unbounded" />

SubAccountDetails- Subaccount details (complex type)

Description	Subaccount details
Component elements	BalTp ISIN OpngBal ClsgBal Trad{0,unbounded}
Source	<xs:complexType name="SubAccountDetails" > <xs:sequence > <xs:element name="BalTp" type="Code4Text" /> <xs:element name="ISIN" type="ISINIdentifier" /> <xs:element name="OpngBal" type="FinancialInstrumentQuantityAndSign" /> <xs:element name="ClsgBal" type="FinancialInstrumentQuantityAndSign" /> <xs:element name="Trad" type="Trade" minOccurs="0" maxOccurs="unbounded" /> </xs:sequence> </xs:complexType>

SubAccountDetails/BalTp- Balance type (element)

Description	Balance type
Type	Code4Text
Source	<xs:element name="BalTp" type="Code4Text" />

SubAccountDetails/ISIN- ISIN identifier (element)

Description	Financial instrument ISIN identifier
Type	ISINIdentifier
Source	<xs:element name="ISIN" type="ISINIdentifier" />

SubAccountDetails/OpngBal- Opening balance (element)

Description	Opening balance
Type	FinancialInstrumentQuantityAndSign
Source	<xs:element name="OpngBal" type="FinancialInstrumentQuantityAndSign" />

SubAccountDetails/ClsgBal- Closing balance (element)

Description	Closing balance
Type	**FinancialInstrumentQuantityAndSign**
Source	<xs:element name="ClsgBal" type="FinancialInstrumentQuantityAndSign" />

SubAccountDetails/Trad- Trade (element)

Description	Trade details
Type	**Trade**
Source	<xs:element name="Trad" type="Trade" minOccurs="0" maxOccurs="unbounded" />

Trade- Trade (complex type)

Description	Trade details
Component elements	**Lnk** **TradDtls**{0,1}
Source	<xs:complexType name="Trade" > <xs:sequence > <xs:element name="Lnk" type="TradeLinkages" /> <xs:element name="TradDtls" type="SettlementInstructionDetails" minOccurs="0" /> </xs:sequence> </xs:complexType>

Trade/Lnk- Trade linkages (element)

Description	Trade linkages
Type	**TradeLinkages**
Source	<xs:element name="Lnk" type="TradeLinkages" />

Trade/TradDtls- Settlement instruction details (element)

Description	Settlement instruction details
Type	**SettlementInstructionDetails**
Source	<xs:element name="TradDtls" type="SettlementInstructionDetails" minOccurs="0" />

TradeLinkages- Trade linkages (complex type)

Description	Trade linkages
Component elements	**InstrTp** **PrvsRef**{0,1} **RltdRef**{0,unbounded} **CmonRef**{0,1} **MktRef**{0,1} **AcctSvcrRef**{0,1} **LndgBrrwgRef**{0,1} **CARef**{0,1} **RpRef**{0,1} **NetSvcrRef**{0,1}

	TrptyClntTxRef {0,1} **TrptyAgtTxRef** {0,1} **SttlmRcrdRef** {0,1}

Source	`<xs:complexType name="TradeLinkages" >`
	   `<xs:sequence >`
	     `<xs:element name="InstrTp" type="InstructionType" />`
	     `<xs:element name="PrvsRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="RltdRef" type="Max16Text" minOccurs="0" maxOccurs="unbounded" />`
	     `<xs:element name="CmonRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="MktRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="AcctSvcrRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="LndgBrrwgRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="CARef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="RpRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="NetSvcrRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="TrptyClntTxRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="TrptyAgtTxRef" type="Max16Text" minOccurs="0" />`
	     `<xs:element name="SttlmRcrdRef" type="Max16Text" minOccurs="0" />`
	   `</xs:sequence>`
	 `</xs:complexType>`

TradeLinkages/InstrTp- Instruction type (element)

Description	Instruction type
Type	**InstructionType**
Source	`<xs:element name="InstrTp" type="InstructionType" />`

TradeLinkages/PrvsRef- Previous reference (element)

Description	Previous reference
Type	**Max16Text**
Source	`<xs:element name="PrvsRef" type="Max16Text" minOccurs="0" />`

TradeLinkages/RltdRef- Related reference (element)

Description	Related reference
Type	**Max16Text**
Source	`<xs:element name="RltdRef" type="Max16Text" minOccurs="0" maxOccurs="unbounded" />`

TradeLinkages/CmonRef- Common reference (element)

Description	Counterparties' common trade reference. Used to match instructions.
Type	**Max16Text**
Source	`<xs:element name="CmonRef" type="Max16Text" minOccurs="0" />`

TradeLinkages/MktRef- Market reference (element)

Description	Market reference
Type	**Max16Text**
Source	<xs:element name="MktRef" type="Max16Text" minOccurs="0" />

TradeLinkages/AcctSvcrRef- Account servicer reference (element)

Description	KDPW reference
Type	**Max16Text**
Source	<xs:element name="AcctSvcrRef" type="Max16Text" minOccurs="0" />

TradeLinkages/LndgBrrwgRef- Lending/Borrowing reference (element)

Description	Lending/Borrowing reference. Mandatory to close a loan.
Type	**Max16Text**
Source	<xs:element name="LndgBrrwgRef" type="Max16Text" minOccurs="0" />

TradeLinkages/CARef- CA reference (element)

Description	CA reference. Field populated for instructions generated in corporate actions processing.
Type	**Max16Text**
Source	<xs:element name="CARef" type="Max16Text" minOccurs="0" />

TradeLinkages/RpRef- Repo reference (element)

Description	Repo reference.
Type	**Max16Text**
Source	<xs:element name="RpRef" type="Max16Text" minOccurs="0" />

TradeLinkages/NetSvcrRef- Netting servicer reference (element)

Description	Netting servicer reference
Type	**Max16Text**
Source	<xs:element name="NetSvcrRef" type="Max16Text" minOccurs="0" />

TradeLinkages/TrptyClntTxRef- Tri-party client trade reference (element)

Description	Tri-party client trade reference
Type	**Max16Text**
Source	<xs:element name="TrptyClntTxRef" type="Max16Text" minOccurs="0" />

TradeLinkages/TrptyAgtTxRef- Tri-party agent trade reference (element)

Description	Tri-party agent trade reference
Type	**Max16Text**
Source	<xs:element name="TrptyAgtTxRef" type="Max16Text" minOccurs="0" />

TradeLinkages/SttlmRcrdRef- Settlement record reference (element)	
Description	KDPW settlement record reference
Type	**Max16Text**
Source	`<xs:element name="SttlmRcrdRef" type="Max16Text" minOccurs="0" />`

YesNoIndicator- Yes/No indicator (simple type)	
Description	Yes/No indicator
Type	Derivative of type: xs:string
Format	**CodeDescription** Y True (Yes) N False (No)

Source	`<xs:simpleType name="YesNoIndicator" >`
	  `<xs:restriction base="xs:string" >`
	    `<xs:enumeration value="Y" />`
	    `<xs:enumeration value="N" />`
	  `</xs:restriction>`
	`</xs:simpleType>`

semt.smt.001.04- Settlement account statement (complex type)	
Description	Settlement account statement
Component elements	**GnlInf** **StmtForAcct**{1,unbounded}

Source	`<xs:complexType name="semt.smt.001.04" >`
	  `<xs:sequence >`
	    `<xs:element name="GnlInf" type="GeneralInformation" />`
	    `<xs:element name="StmtForAcct" type="StatementForAccount"`
	`maxOccurs="unbounded" />`
	  `</xs:sequence>`
	`</xs:complexType>`

semt.smt.001.04/GnlInf- General information (element)	
Description	General information
Type	**GeneralInformation**
Source	`<xs:element name="GnlInf" type="GeneralInformation" />`

semt.smt.001.04/StmtForAcct- Statement for account (element)	
Description	Statement for account
Type	**StatementForAccount**
Source	`<xs:element name="StmtForAcct" type="StatementForAccount"` `maxOccurs="unbounded" />`