

**TECCOM SUPPLIER GUIDE  
FOR CONVERTING TXML INVOICE  
TO CAP INVOICE**

**VERSION 1.0**

**19.01.2007**

The TecConversion Center makes possible the exchange of edifact and CAP messages between trader and supplier. Traders can reach all suppliers who have TecCom. Suppliers can also send CAP and edifact messages to TecCom traders who do not use these formats or do not even have EDI systems.

If the supplier sends a reverse message – order response, despatch advice, invoice – to a trader, the Conversion Center brings it into the format the trader has requested.

This document describes the maximum data contents of a TXML invoice (version 1.0), that can be converted into CAP XML format (Invoice version 1.0.0) in the TecCom Conversion Center. In this scenario, the supplier is sending TXML invoices and the buyer is receiving invoices in CAP format.

TecCom invoice process is asynchronous, meaning that the invoices are sent in a schedule that is independent of the preceding events, e.g. sending of an order or a despatch advice. In some cases, a supplier may not send an order response at all via TecCom but on paper.

The asynchronous invoice process can be accessed with any of the supported communication methods: FTP, OFTP, ISDN and TecCom Open Messaging framework (web service). Please refer to separate documentation about these methods.

The purpose of this document is to display examples of TXML invoice documents, which are compliant with the requirements of the CAP specification.

Since the suppliers create TXML invoice messages themselves, their contents can vary considerably. Therefore, TecCom has created some rules that the suppliers should implement in order to limit the variations in the use of the messages. E.g. there are rules with respect to field lengths, use of different elements in different situations etc.

This guide should not be used alone. The overall content and structure of a TXML invoice is described in the document “IFD\_Invoice\_10\_en.doc”. This supplier guide describes only a specific use scenario, i.e. when a TXML invoice is converted into a CAP invoice.

Table 1 describes the maximum data contents of a TXML invoice message that can be transmitted via the TecCom Conversion Center to the recipient. Please note, that some recipients may not utilize all the data that a supplier is able to provide (e.g. additional product descriptions).

Differences in the TXML message structure are caused by the use of TaxTreatmentCode. Tax elements are used differently with different TaxTreatmentCodes. Please refer to “IFD\_Invoice\_10\_en.doc”.

The use of different TaxTreatmentCodes have the following effects on the CAP invoice being created. See the following table.

<b>TaxTreatmentCode</b>	<b>Effect on the CAP message</b>
NetLineLevel	Taxes – element is created on line level. Price/@Type = NTP
GrossLineLevel	Taxes – element is created on line level. Price/@Type = AP
NetInvoiceLevel	Taxes – element is not created on line level. Price/@Type = NTP
GrossInvoiceLevel	Taxes – element is not created on line level. Price/@Type = AP
NoTaxApplies	Taxes – element is not created on line level. Price/@Type = AP

The first column of table 1 depicts the maximum TXML invoice message that can be processed by the invoice converter. No error is caused, if the data contents is larger (within the limits of the invoice DTD) than what is described in table 1. This information will simply not be transported to the invoice recipient.

The second column “TXML Invoice” breaks the message into its constituents: elements and attributes. Attributes start with a “@” character.

The third column “TXML multiplicity” lists the syntactical rules for elements and attributes in TXML.

The following rules apply for elements:

- 1 – The element can be used only once
- 0..1 – The element is optional, but it can be used only once
- 0..n – The element is optional and it can be used several times
- 1..n – The element is mandatory and it can be used several times

The following rules apply for attributes:

- R – The use of the attribute is required, if the element, within which the attribute is used, exists.
- O – The use of the attribute is optional, if the element, within which the attribute is used, exists.

The fourth column “TecCom rules” describes the requirements and limitations of the process applying to the TXML invoice message.

The fifth column defines the maximum length of different data contents on a TXML invoice. For numerical data, the maximum amount of digits is given.

**TABLE 1: Maximum contents of a TXML invoice (NetLineLevel) when converting into CAP**

<b>TaxTreatmentCode=NetLineLevel. Line item amounts are net amounts. Additional taxes are shown at the line item level.</b>	<b>TXML ELEMENTS AND ATTRIBUTES</b>	<b>TXML MULTIPLICITY</b>	<b>TECCOM RULES</b>	<b>MAX LENGTH</b>
<Invoice>	Invoice	1		
<Document Type="Invoice" Version="1.0"/>	Document	1		
	@Type	R	TXML Invoice/Document/@Type="Invoice" is mapped to CAP Invoice/@Type="380". Credit notes are not supported.	
	@Version	R	Default "1.0"	
<InvoiceHeader>	InvoiceHeader	1		
<Invoiceld>5491332</Invoiceld>	Invoiceld	1		
<InvoiceIssueDate>	InvoiceIssueDate	1		
<Date>20061004</Date>	Date	1	Use date format YYYYMMDD	8
</InvoiceIssueDate>				
<DesAdvRef>	DesAdvRef	0..n		
<DocumentNumber>557289</DocumentNumber>	DocumentNumber	1		
<Date>20061004</Date>	Date	1	Use date format YYYYMMDD	8
</DesAdvRef>				
<OrderRef>	OrderRef	0..n		
<SellerOrderNumber/>	SellerOrderNumber	1	SellerOrderNumber is not mapped to CAP at all. You must however create at least an empty element, because this element is mandatory in TXML.	
<BuyerOrderNumber>258010</BuyerOrderNumber>	BuyerOrderNumber	0..1		
<Date>20061004</Date>	Date	1	Use date format YYYYMMDD	8
</OrderRef>				
<TaxTreatmentCode Value="NetLineLevel"/>	TaxTreatmentCode	1	If Value="NoTaxApplies", a TaxExemption = "Y" is created in CAP.	
	@Value	R		
<InvoiceDueDate>	InvoiceDueDate	0..1		
<Date>20070102</Date>	Date	1		8

</InvoiceDueDate>			
	PaymentTermInstruction		If a PaymentTermInstruction exists in TXML, it creates a PaymentTerms/PaymentTermDate/@Type="20". (penalty terms)
<SellerParty>	SellerParty	1	
<PartyNumber>DE1253222</PartyNumber>	PartyNumber	1	PartyNumber used by the supplier is mapped to the party identification used by the buyer in the mapping.
<Address>	Address	1	
<Name1>Deutsche Autoteile GmbH</Name1>	Name1	1	Name1 and Name2 are concatenated into one name field in CAP.
	Name2	0..1	
<Street1>Voltastrasse 5</Street1>	Street1	1	Street1 and Street2 are concatenated into one address field in CAP.
	Street2	0..1	
<PostalCode>30120</PostalCode>	PostalCode	1	
<City>Berlin</City>	City	1	
<CountryCode>DE</CountryCode>	CountryCode	1	
	CountryName	0..1	CountryName is not mapped to CAP at all.
</Address>			
</SellerParty>			
<BuyerParty>	BuyerParty	0..n	
<PartyNumber>000014070</PartyNumber>	PartyNumber	1	PartyNumber used by the supplier is mapped to the party identification used by the buyer in the mapping.
<Address>	Address	1	
<Name1>Teilehändler Schmidt GmbH</Name1>	Name1	1	Name1 and Name2 are concatenated into one name field in CAP.
	Name2	0..1	
<Street1>Fokkerstrasse 12</Street1>	Street1	1	Street1 and Street2 are concatenated into one address field in CAP.
	Street2	0..1	
<PostalCode>80120</PostalCode>	PostalCode	1	
<City>München</City>	City	1	

<CountryCode>DE</CountryCode>	CountryCode	1	
	CountryName	0..1	CountryName is not mapped to CAP at all.
</Address>			
</BuyerParty>			
<DeliveryParty>	DeliveryParty	0..n	
<PartyNumber>000014070</PartyNumber>	PartyNumber	0..1	PartyNumber used by the supplier is mapped to the party identification used by the buyer in the mapping.
<Address>	Address	1	
<Name1>Teilehändler Schmidt GmbH</Name1>	Name1	1	Name1 and Name2 are concatenated into one name field in CAP.
	Name2	0..1	
<Street1>Fokkerstrasse 12</Street1>	Street1	1	Street1 and Street2 are concatenated into one address field in CAP.
	Street2	0..1	
<PostalCode>80120</PostalCode>	PostalCode	1	
<City>München</City>	City	1	
<CountryCode>DE</CountryCode>	CountryCode	1	
	CountryName	0..1	CountryName is not mapped to CAP at all.
</Address>			
</DeliveryParty>			
<InvoiceOrg>	InvoiceOrg	1	
<TaxRegistrationNumber>DE4311245</TaxRegistrationNumber>	TaxRegistrationNumber	1	
<InvoiceParty>	InvoiceParty	1	
<PartyNumber>000014080</PartyNumber>	PartyNumber	0..1	PartyNumber used by the supplier is mapped to the party identification used by the buyer in the mapping.
<Address>	Address	1	
<Name1>Teilehändler Verbund GmbH</Name1>	Name1	1	Name1 and Name2 are concatenated into one name field in CAP.
	Name2	0..1	
<Street1>Teilstrasse 25</Street1>	Street1	1	Street1 and Street2 are concatenated into one address field in CAP.
	Street2	0..1	

<PostalCode>56010</PostalCode>	PostalCode	1	
<City>Dortmund</City>	City	1	
<CountryCode>DE</CountryCode>	CountryCode	1	
	CountryName	0..1	CountryName is not mapped to CAP at all.
</Address>			
</InvoiceParty>			
</InvoiceOrg>			
<Currency>EUR</Currency>	Currency	1	Currency is always mapped to invoice currency (@type="4") in CAP.
</InvoiceHeader>			
<InvoiceDetail>	InvoiceDetail	1..n	
<PositionNumber>1</PositionNumber>	PositionNumber	1	
<Quantity UoM="PCE">1</Quantity>	Quantity	0..1	
	@UoM	R	Allowed values PCE, MTR, LTR, KGM. Default value is PCE.
<ProductId>	ProductId	1	
<MakerCode/>	MakerCode	1	MakerCode is not mapped to CAP at all. You must however create at least an empty element, because this element is mandatory in TXML.
<ProductNumber>265-459</ProductNumber>	ProductNumber	1	
<Ean>3351642654593</Ean>	Ean	0..1	
</ProductId>			
<ProductDescription>	ProductDescription	1	
<ProductName1>KO V.W. Golf II 85</ProductName1>	ProductName1	1	ProductName1 and ProductName2 are concatenated into one Description element in CAP.
	ProductName2	0..1	
</ProductDescription>			
	BuyerPartyNumber	0..1	BuyerPartyNumber is not mapped to CAP at all.
	DeliveryPartyNumber	0..1	DeliveryPartyNumber is not mapped to CAP at all.
<DesAdvRef>	DesAdvRef	0..1	
<DocumentNumber>557289</DocumentNumber>	DocumentNumber	1	
<Date>20061004</Date>	Date	1	8
</DesAdvRef>			

<DesAdvItemRef>	DesAdvItemRef	0..1		
<PositionNumber>1</PositionNumber>	PositionNumber	1		
</DesAdvItemRef>				
<OrderRef>	OrderRef	0..1		
<SellerOrderNumber/>	SellerOrderNumber	1	SellerOrderNumber is not mapped to CAP at all. You must however create at least an empty element, because this element is mandatory in TXML.	
<BuyerOrderNumber>258010</BuyerOrderNumber>	BuyerOrderNumber	0..1		
<Date>20061004</Date>	Date	1		8
</OrderRef>				
<OrderItemRef>		0..1		
<SellerOrderItemRef/>	SellerOrderItemRef	1	SellerOrderItemRef is not mapped to CAP at all. You must however create at least an empty element, because this is element is mandatory in TXML.	
<BuyerOrderItemRef>15</BuyerOrderItemRef>	BuyerOrderItemRef	0..1		
</OrderItemRef>				
<AllowOrCharge>	AllowOrCharge	0..n		
<AllowOrChargeIdentifier Value="Allow"/>	AllowOrChargeIdentifier	1	Possible values are "Allow" or "Charge"	
<AllowOrChargeCode>EarlyBuyAllowance</AllowOrChargeCode>	AllowOrChargeCode	0..1	<b>See code list 1 for possible values.</b>	
<AllowOrChargeDescription>Early buyer's allowance</AllowOrChargeDescription>	AllowOrChargeDescription	1		
<Percent>40.00</Percent>	Percent	0..1		
<Amount>1.42</Amount>	Amount	0..1		
	Tax	0..n		
	TaxCode	1		
	Percent	0..1		
	Amount	0..1		
</AllowOrCharge>				

<Tax>	Tax	0..n	Taxes element is created in CAP on line level, if TXML TaxTreatmentCode is NetLineLevel or GrossLineLevel in TXML and Tax element exists in TXML on line level.
<TaxCode>VAT</TaxCode>	TaxCode	1	
<Percent>19.00</Percent>	Percent	0..1	
<Amount>0.40</Amount>	Amount	0..1	
</Tax>			
<UnitPrice>	UnitPrice	0..1	
<Amount>3.55</Amount>	Amount	1	If TaxTreatmentCode is NetLineLevel or GrossLineLevel, UnitPrice = quantity * price without taxes, without allowance or charge. If TaxTreatmentCode is NetInvoiceLevel or GrossInvoiceLevel, UnitPrice = quantity * price with taxes, without allowance or charge.
</UnitPrice>			
	TotalPrice	0..1	
	Amount	1	TotalPrice is not mapped to CAP at all.
<TotalValue>	TotalValue	1	If TaxTreatmentCode is NetLineLevel or GrossLineLevel, TotalValue = quantity * price without taxes - allow + charge. If TaxTreatmentCode is NetInvoiceLevel or GrossInvoiceLevel, UnitPrice = quantity * price with taxex - allowance + charge.
<Amount>2.13</Amount>	Amount	1	
</TotalValue>			
	FreeText	0..n	
</InvoiceDetail>			
<InvoiceSummary>	InvoiceSummary	1	
<AllowOrCharge>	AllowOrCharge	0..n	AllowOrCharge from TXML summary level is mapped to CAP ChargeOrDiscount on header level.
<AllowOrChargeIdentifier Value="Allow"/>	AllowOrChargeIdentifier	1	

<AllowOrChargeCode>EarlyBuyAllowance</AllowOrChageCode>	AllowOrChargeCode	0..1	<b>See code list 1 for possible values.</b>	
<AllowOrChargeDescription>Early buyer's allowance</AllowOrChargeDescription>	AllowOrChargeDescription	1		
<Percent>40.00</Percent>	Percent	0..1		
<Amount>1.42</Amount>	Amount	0..1		
</AllowOrCharge>				
	Tax		Display only for TaxTreatmentCode NetInvoiceLevel or GrossInvoiceLevel	
	TaxCode			
	Percent			
	Amount			
<InvoiceTotals>	InvoiceTotals	1		
<InvoiceNetValue>	InvoiceNetValue	1	If InvoiceNetValue is empty, CAP TotalTaxableAmount is InvoiceGrossValue - InvoiceTaxAmount.	
<Amount>2.13</Amount>	Amount	1		
</InvoiceNetValue>				
<InvoiceGrossValue>	InvoiceGrossValue	1		
<Amount>2.53</Amount>	Amount	1		
</InvoiceGrossValue>				
<InvoiceTaxAmount>	InvoiceTaxAmount	0..1	If InvoiceTaxAmount is empty, CAP TotalTaxAmount is InvoiceGrossValue - InvoiceNetValue.	
<Amount>0.40</Amount>	Amount	1		
</InvoiceTaxAmount>				
	InvoiceDiscount	0..1		
	InvoiceCharge	0..1		
<PrepaidAmount>	PrepaidAmount	0..1		
<Amount>0.00</Amount>	Amount	1		
</PrepaidAmount>				
<InvoiceAmountPayable>	InvoiceAmountPayable	1	If InvoiceAmountPayable is empty, CAP TotalAmount is InvoiceGrossValue - PrepaidAmount	

<Amount>2.53</Amount>	Amount	1	
</InvoiceAmountPayable>			
</InvoiceTotals>			
<TaxTotals>	TaxTotals	0..1	
<Tax>			
<TaxCode>VAT</TaxCode>			
<Percent>19.00</Percent>			
<Amount>0.40</Amount>			
</Tax>			
</TaxTotals>			
	AllowOrChargeTotals	0..1	AllowOrChargeTotals are not mapped to CAP at all.
	AllowOrCharge	0..n	AllowOrCharge is not mapped to CAP at all.
	AllowOrChargeIdentifier	1	
	AllowOrChargeCode	0..1	
	AllowOrChargeDescription	1	
	Percent	0..1	
	Amount	0..1	
	Tax	0..n	Tax is not mapped to CAP at all.
	TaxCode	1	
	Percent	0..1	
	Amount	0..1	
	TaxCodeDescription	0..n	TaxCodeDescription is not mapped to CAP at all.
	TaxCode	1	
	TaxDescription	1	
</InvoiceSummary>			
	FreeText	0..n	FreeText is not mapped to CAP at all.
</Invoice>			

Here is the same invoice in CAP format:

```

<Invoice ver="1.0.0" msgRefNo="5491332" contrAgency="CAP" type="380">
  <Head>
    <MsgDate fmt="102">20061004</MsgDate>
    <References>
      <Reference type="AAK">
        <RefNo>557289</RefNo>
        <RefDate fmt="102">20061004</RefDate>
      </Reference>
      <Reference type="ON">
        <RefNo>258010</RefNo>
        <RefDate fmt="102">20061004</RefDate>
      </Reference>
      <Reference type="AAK">
        <RefNo/>
        <RefDate fmt="102"/>
      </Reference>
    </References>
    <Parties>
      <Supplier>
        <PartyId respAgency="92"/>
        <Name>Deutsche Autoteile GmbH </Name>
        <Address>Voltastrasse 5 </Address>
        <Town>Berlin</Town>
        <PostCode>30120</PostCode>
        <CountryCode>DE</CountryCode>
      </Supplier>
      <Buyer>
        <PartyId respAgency="92"/>
        <Name>Teilehändler Schmidt GmbH </Name>
        <Address>Fokkerstrasse 12 </Address>
        <Town>München</Town>
        <PostCode>80120</PostCode>
        <CountryCode>DE</CountryCode>
      </Buyer>
      <Invoicee>
        <PartyId respAgency="92"/>
        <PartyId respAgency="XA">DE4311245</PartyId>
        <Name>Teilehändler Verbund GmbH </Name>
        <Address>Teilstrasse 25 </Address>
        <Town>Dortmund</Town>
        <PostCode>56010</PostCode>
        <CountryCode>DE</CountryCode>
      </Invoicee>

```

```

    <DeliveryParty>
      <Name>Teilehändler Schmidt GmbH </Name>
      <Address>Fokkerstrasse 12 </Address>
      <Town>München</Town>
      <PostCode>80120</PostCode>
      <CountryCode>DE</CountryCode>
    </DeliveryParty>
  </Parties>
  <Currencies>
    <Currency type="4">EUR</Currency>
  </Currencies>
  <DueDate>
    <Date fmt="102">20070102</Date>
  </DueDate>
  <ChargeOrDiscount type="A">
    <SpecialServices val="EAA">Early buyer's allowance</SpecialServices>
    <Percentage>40.00</Percentage>
    <Amount>1.42</Amount>
  </ChargeOrDiscount>
</Head>
<Lines>
  <Line lineNo="1">
    <ProductIds>
      <ProductId type="SA">265-459</ProductId>
      <ProductId type="EN">3351642654593</ProductId>
    </ProductIds>
    <Quantity unit="PCE" type="47">1</Quantity>
    <Amount>2.13</Amount>
    <Prices>
      <Price type="NTP">3.55</Price>
    </Prices>
    <References>
      <Reference type="AAK">
        <RefNo>557289</RefNo>
        <RefDate fmt="102">20061004</RefDate>
        <RefLineNo>1</RefLineNo>
      </Reference>
      <Reference type="ON">
        <RefNo>258010</RefNo>
        <RefDate fmt="102">20061004</RefDate>
        <RefLineNo>15</RefLineNo>
      </Reference>
    </References>
    <Taxes>
      <Tax>
        <TaxRate>19.00</TaxRate>

```

```

        <TaxAmount>0.40</TaxAmount>
        <Text>VAT</Text>
    </Tax>
</Taxes>
<ChargeOrDiscount type="A">
    <SpecialServices val="EAA">Early buyer's allowance</SpecialServices>
    <Percentage>40.00</Percentage>
    <Amount>1.42</Amount>
</ChargeOrDiscount>
<Description>KO V.W. Golf II 85</Description>
</Line>
</Lines>
<Summary>
    <TotalTaxableAmount>2.13</TotalTaxableAmount>
    <TaxAmounts>
        <Tax>
            <TaxRate>19.00</TaxRate>
            <TaxAmount>0.40</TaxAmount>
            <Text>VAT</Text>
        </Tax>
    </TaxAmounts>
    <TaxAmounts>
        <Tax>
            <TaxRate/>
        </Tax>
    </TaxAmounts>
    <TotalTaxAmount>0.40</TotalTaxAmount>
    <PrepaidAmount>
        <Amount>0.00</Amount>
    </PrepaidAmount>
    <TotalAmount>2.5347</TotalAmount>
</Summary>
</Invoice>

```

## Example 2: TXML invoice where taxes are calculated on invoice level

```

<?xml version="1.0" encoding="UTF-8"?>
<Invoice>
    <Document Type="Invoice" Version="1.0"/>
    <InvoiceHeader>
        <InvoiceId>5491332</InvoiceId>
        <InvoiceIssueDate>
            <Date>20061004</Date>
        </InvoiceIssueDate>
        <DesAdvRef>
            <DocumentNumber>557289</DocumentNumber>
            <Date>20061004</Date>
        </DesAdvRef>
        <OrderRef>
            <SellerOrderNumber/>
            <BuyerOrderNumber>258010</BuyerOrderNumber>
            <Date>20061004</Date>
        </OrderRef>
        <TaxTreatmentCode Value="NetInvoiceLevel"/>
        <InvoiceDueDate>
            <Date>20070102</Date>
        </InvoiceDueDate>
        <SellerParty>
            <PartyNumber>DE1253222</PartyNumber>
            <Address>
                <Name1>Deutsche Autoteile GmbH</Name1>
                <Street1>Voltastrasse 5</Street1>
                <PostalCode>30120</PostalCode>
                <City>Berlin</City>
                <CountryCode>DE</CountryCode>
            </Address>
        </SellerParty>
        <BuyerParty>
            <PartyNumber>000014070</PartyNumber>
            <Address>
                <Name1>Teilehändler Schmidt GmbH</Name1>
                <Street1>Fokkerstrasse 12</Street1>
                <PostalCode>80120</PostalCode>
            </Address>
        </BuyerParty>
    </InvoiceHeader>

```

```

    <City>München</City>
    <CountryCode>DE</CountryCode>
  </Address>
</BuyerParty>
<DeliveryParty>
  <PartyNumber>000014070</PartyNumber>
  <Address>
    <Name1>Teilehändler Schmidt GmbH</Name1>
    <Street1>Fokkerstrasse 12</Street1>
    <PostalCode>80120</PostalCode>
    <City>München</City>
    <CountryCode>DE</CountryCode>
  </Address>
</DeliveryParty>
<InvoiceOrg>
  <TaxRegistrationNumber>DE4311245</TaxRegistrationNumber>
  <InvoiceParty>
    <PartyNumber>000014080</PartyNumber>
    <Address>
      <Name1>Teilehändler Verbund GmbH</Name1>
      <Street1>Teilstrosse 25</Street1>
      <PostalCode>56010</PostalCode>
      <City>Dortmund</City>
      <CountryCode>DE</CountryCode>
    </Address>
  </InvoiceParty>
</InvoiceOrg>
<Currency>EUR</Currency>
</InvoiceHeader>
<InvoiceDetail>
  <PositionNumber>1</PositionNumber>
  <Quantity UoM="PCE">1</Quantity>
  <ProductId>
    <MakerCode/>
    <ProductNumber>265-459</ProductNumber>
    <Ean>3351642654593</Ean>
  </ProductId>
  <ProductDescription>
    <ProductName1>KO V.W. Golf II 85-</ProductName1>
  </ProductDescription>
  <DeliveryPartyNumber>000014070</DeliveryPartyNumber>
  <DesAdvRef>
    <DocumentNumber>557289</DocumentNumber>
    <Date>20061004</Date>
  </DesAdvRef>
  <DesAdvItemRef>

```

```

    <PositionNumber>1</PositionNumber>
  </DesAdvItemRef>
  <OrderRef>
    <SellerOrderNumber/>
    <BuyerOrderNumber>258010</BuyerOrderNumber>
    <Date>20061004</Date>
  </OrderRef>
  <OrderItemRef>
    <SellerOrderItemRef/>
    <BuyerOrderItemRef>15</BuyerOrderItemRef>
  </OrderItemRef>
  <AllowOrCharge>
    <AllowOrChargeIdentifier Value="Allow"/>
    <AllowOrChargeDescription>Discount</AllowOrChargeDescription>
    <Percent>58.67</Percent>
    <Amount>5.05</Amount>
  </AllowOrCharge>
  <UnitPrice>
    <Amount>3.55</Amount>
  </UnitPrice>
  <TotalPrice>
    <Amount>8.60</Amount>
  </TotalPrice>
  <TotalValue>
    <Amount/>
  </TotalValue>
</InvoiceDetail>
<InvoiceSummary>
  <AllowOrCharge>
    <AllowOrChargeIdentifier Value="Charge"/>
    <AllowOrChargeCode>HandlingCommision</AllowOrChargeCode>
  <AllowOrChargeDescription>HandlingCommision</AllowOrChargeDescription>
  <Amount>10.00</Amount>
  <Tax>
    <TaxCode/>
    <Percent>10.00</Percent>
    <Amount>1.00</Amount>
  </Tax>
  <AllowOrCharge>
    <TaxCode/>
    <Percent>19.00</Percent>
    <Amount>0.67</Amount>
  </Tax>
  <Tax>

```

```

    <TaxCode/>
    <Percent>10.00</Percent>
    <Amount>1.00</Amount>
  </Tax>
  <InvoiceTotals>
    <InvoiceNetValue>
      <Amount>3.55</Amount>
    </InvoiceNetValue>
    <InvoiceGrossValue>
      <Amount>8.60</Amount>
    </InvoiceGrossValue>
    <InvoiceTaxAmount>
      <Amount>1.67</Amount>
    </InvoiceTaxAmount>
    <PrepaidAmount>
      <Amount>0.00</Amount>
    </PrepaidAmount>
    <InvoiceAmountPayable>
      <Amount>15.22</Amount>
    </InvoiceAmountPayable>
  </InvoiceTotals>
  <AllowOrChargeTotals>
    <AllowOrCharge>
      <AllowOrChargeIdentifier Value="Allow"/>
      <AllowOrChargeDescription>Discount</AllowOrChargeDescription>
      <Amount>5.05</Amount>
    </AllowOrCharge>
    <AllowOrCharge>
      <AllowOrChargeIdentifier Value="Charge"/>
      <AllowOrChargeCode>HandlingCommision</AllowOrChargeCode>
      <AllowOrChargeDescription>HandlingCommision</AllowOrChargeDescription>
      <Amount>10.00</Amount>
    </AllowOrCharge>
  </AllowOrChargeTotals>
</InvoiceSummary>
</Invoice>

```

Here is the same invoice in CAP format:

```

<Invoice ver="1.0.0" msgRefNo="5491332" contrAgency="CAP" type="380">
  <Head>
    <MsgDate fmt="102">20061004</MsgDate>

```

```

  <References>
    <Reference type="AAK">
      <RefNo>557289</RefNo>
      <RefDate fmt="102">20061004</RefDate>
    </Reference>
    <Reference type="ON">
      <RefNo>258010</RefNo>
      <RefDate fmt="102">20061004</RefDate>
    </Reference>
    <Reference type="AAK">
      <RefNo/>
      <RefDate fmt="102"/>
    </Reference>
  </References>
  <Parties>
    <Supplier>
      <PartyId respAgency="92"/>
      <Name>Deutsche Autoteile GmbH </Name>
      <Address>Voltastrasse 5 </Address>
      <Town>Berlin</Town>
      <PostCode>30120</PostCode>
      <CountryCode>DE</CountryCode>
    </Supplier>
    <Buyer>
      <PartyId respAgency="92"/>
      <Name>Teilehändler Schmidt GmbH </Name>
      <Address>Fokkerstrasse 12 </Address>
      <Town>München</Town>
      <PostCode>80120</PostCode>
      <CountryCode>DE</CountryCode>
    </Buyer>
    <Invoicee>
      <PartyId respAgency="92"/>
      <PartyId respAgency="XA">DE4311245</PartyId>
      <Name>Teilehändler Verbund GmbH </Name>
      <Address>Teilstasse 25 </Address>
      <Town>Dortmund</Town>
      <PostCode>56010</PostCode>
      <CountryCode>DE</CountryCode>
    </Invoicee>
    <DeliveryParty>
      <Name>Teilehändler Schmidt GmbH </Name>
      <Address>Fokkerstrasse 12 </Address>
      <Town>München</Town>
      <PostCode>80120</PostCode>
      <CountryCode>DE</CountryCode>

```

```

    </DeliveryParty>
  </Parties>
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      <TaxRate>19.00</TaxRate>
      <TaxAmount>0.67</TaxAmount>
      <Text/>
    </Tax>
    <Tax>
      <TaxRate>10.00</TaxRate>
      <TaxAmount>1.00</TaxAmount>
      <Text/>
    </Tax>
  </Taxes>
  <Currencies>
    <Currency type="4">EUR</Currency>
  </Currencies>
  <DueDate>
    <Date fmt="102">20070102</Date>
  </DueDate>
  <ChargeOrDiscount type="C">
    <SpecialServices val="AJ">HandlingCommision</SpecialServices>
    <Amount>10.00</Amount>
    <Taxes>
      <Tax>
        <TaxRate>10.00</TaxRate>
        <TaxAmount>1.00</TaxAmount>
        <Text/>
      </Tax>
    </Taxes>
  </ChargeOrDiscount>
</Head>
<Lines>
  <Line lineNo="1">
    <ProductIds>
      <ProductId type="SA">265-459</ProductId>
      <ProductId type="EN">3351642654593</ProductId>
    </ProductIds>
    <Quantity unit="PCE" type="47">1</Quantity>
    <Amount/>
    <Prices>
      <Price type="NTP">3.55</Price>
    </Prices>
    <References>
      <Reference type="AAK">
        <RefNo>557289</RefNo>

```

```

      <RefDate fmt="102">20061004</RefDate>
      <RefLineNo>1</RefLineNo>
    </Reference>
    <Reference type="ON">
      <RefNo>258010</RefNo>
      <RefDate fmt="102">20061004</RefDate>
      <RefLineNo>15</RefLineNo>
    </Reference>
  </References>
  <ChargeOrDiscount type="A">
    <SpecialServices val="AJ">Discount</SpecialServices>
    <Percentage>58.67</Percentage>
    <Amount>5.05</Amount>
  </ChargeOrDiscount>
  <Description>KO V.W. Golf II 85</Description>
</Line>
</Lines>
<Summary>
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  <TaxAmounts>
    <Tax>
      <TaxRate/>
    </Tax>
  </TaxAmounts>
  <TotalTaxAmount>1.67</TotalTaxAmount>
  <PrepaidAmount>
    <Amount>0.00</Amount>
  </PrepaidAmount>
  <TotalAmount>15.22</TotalAmount>
</Summary>
</Invoice>

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### Example 3: Invoice without tax calculation

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<Invoice>
  <Document Type="Invoice" Version="1.0"/>
  <InvoiceHeader>
    <InvoicId>5491332</InvoicId>
    <InvoiceIssueDate>
      <Date>20061004</Date>
    </InvoiceIssueDate>
    <DesAdvRef>
      <DocumentNumber>557289</DocumentNumber>
      <Date>20061004</Date>
    </DesAdvRef>
    <OrderRef>
      <SellerOrderNumber/>
      <BuyerOrderNumber>258010</BuyerOrderNumber>
      <Date>20061004</Date>
    </OrderRef>
    <TaxTreatmentCode Value="NoTaxApplies"/>
    <InvoiceDueDate>
      <Date>20070102</Date>
    </InvoiceDueDate>
    <SellerParty>
      <PartyNumber>DE1253222</PartyNumber>
      <Address>
        <Name1>Deutsche Autoteile GmbH</Name1>
        <Street1>Voltastrasse 5</Street1>
        <PostalCode>30120</PostalCode>
        <City>Berlin</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </SellerParty>
    <BuyerParty>
      <PartyNumber>000014070</PartyNumber>
      <Address>
        <Name1>Teilehändler Schmidt GmbH</Name1>
        <Street1>Fokkerstrasse 12</Street1>
        <PostalCode>80120</PostalCode>
        <City>München</City>
        <CountryCode>DE</CountryCode>
      </Address>
    </BuyerParty>
  </InvoiceHeader>
  <DeliveryParty>
```

```
    <PartyNumber>000014070</PartyNumber>
    <Address>
      <Name1>Teilehändler Schmidt GmbH</Name1>
      <Street1>Fokkerstrasse 12</Street1>
      <PostalCode>80120</PostalCode>
      <City>München</City>
      <CountryCode>DE</CountryCode>
    </Address>
  </DeliveryParty>
  <InvoiceOrg>
    <TaxRegistrationNumber>DE4311245</TaxRegistrationNumber>
  </InvoiceOrg>
  <InvoiceParty>
    <PartyNumber>000014080</PartyNumber>
    <Address>
      <Name1>Teilehändler Verbund GmbH</Name1>
      <Street1>Teilstasse 25</Street1>
      <PostalCode>56010</PostalCode>
      <City>Dortmund</City>
      <CountryCode>DE</CountryCode>
    </Address>
  </InvoiceParty>
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</InvoiceHeader>
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  <Quantity UoM="PCE">1</Quantity>
  <ProductId>
    <MakerCode/>
    <ProductNumber>265-459</ProductNumber>
    <Ean>3351642654593</Ean>
  </ProductId>
  <ProductDescription>
    <ProductName1>KO V.W. Golf II 85-</ProductName1>
  </ProductDescription>
  <DeliveryPartyNumber>000014070</DeliveryPartyNumber>
  <DesAdvRef>
    <DocumentNumber>557289</DocumentNumber>
    <Date>20061004</Date>
  </DesAdvRef>
  <DesAdvItemRef>
    <PositionNumber>1</PositionNumber>
  </DesAdvItemRef>
  <OrderRef>
    <SellerOrderNumber/>
    <BuyerOrderNumber>258010</BuyerOrderNumber>
  </OrderRef>
```

```

    <Date>20061004</Date>
  </OrderRef>
  <OrderItemRef>
    <SellerOrderItemRef/>
    <BuyerOrderItemRef>15</BuyerOrderItemRef>
  </OrderItemRef>
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    <AllowOrChargeIdentifier Value="Allow"/>
    <AllowOrChargeDescription>Discount</AllowOrChargeDescription>
    <Percent>58.67</Percent>
    <Amount>5.05</Amount>
  </AllowOrCharge>
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  </UnitPrice>
  <TotalPrice>
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  </TotalPrice>
  <TotalValue>
    <Amount/>
  </TotalValue>
</InvoiceDetail>
<InvoiceSummary>
  <AllowOrCharge>
    <AllowOrChargeIdentifier Value="Charge"/>
    <AllowOrChargeCode>HandlingCommision</AllowOrChargeCode>

  <AllowOrChargeDescription>HandlingCommision</AllowOrChargeDescription>
    <Amount>10.00</Amount>
  </AllowOrCharge>
<InvoiceTotals>
  <InvoiceNetValue>
    <Amount>3.55</Amount>
  </InvoiceNetValue>
  <InvoiceGrossValue>
    <Amount>8.60</Amount>
  </InvoiceGrossValue>
  <InvoiceTaxAmount>
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  </InvoiceTaxAmount>
  <PrepaidAmount>
    <Amount>0.00</Amount>
  </PrepaidAmount>
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    <Amount>13.55</Amount>
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```

```

</InvoiceTotals>
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  <AllowOrCharge>
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    <AllowOrChargeDescription>Discount</AllowOrChargeDescription>
    <Amount>5.05</Amount>
  </AllowOrCharge>
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  <AllowOrChargeDescription>HandlingCommision</AllowOrChargeDescription>
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</AllowOrChargeTotals>
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</Invoice>

```

Here is the same invoice in CAP format:

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<Invoice ver="1.0.0" msgRefNo="5491332" contrAgency="CAP" type="380">
  <Head>
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      <Reference type="AAK">
        <RefNo>557289</RefNo>
        <RefDate fmt="102">20061004</RefDate>
      </Reference>
      <Reference type="ON">
        <RefNo>258010</RefNo>
        <RefDate fmt="102">20061004</RefDate>
      </Reference>
      <Reference type="AAK">
        <RefNo/>
        <RefDate fmt="102"/>
      </Reference>
    </References>
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        <Name>Deutsche Autoteile GmbH </Name>
        <Address>Voltastrasse 5 </Address>
        <Town>Berlin</Town>
      </Supplier>
    </Parties>
  </Head>
  <InvoiceDetail>
    <AllowOrCharge>
      <AllowOrChargeIdentifier Value="Allow"/>
      <AllowOrChargeDescription>Discount</AllowOrChargeDescription>
      <Percent>58.67</Percent>
      <Amount>5.05</Amount>
    </AllowOrCharge>
    <AllowOrCharge>
      <AllowOrChargeIdentifier Value="Charge"/>
      <AllowOrChargeCode>HandlingCommision</AllowOrChargeCode>
      <AllowOrChargeDescription>HandlingCommision</AllowOrChargeDescription>
      <Amount>10.00</Amount>
    </AllowOrCharge>
  </InvoiceDetail>
  <InvoiceSummary>
    <InvoiceNetValue>
      <Amount>3.55</Amount>
    </InvoiceNetValue>
    <InvoiceGrossValue>
      <Amount>8.60</Amount>
    </InvoiceGrossValue>
    <InvoiceTaxAmount>
      <Amount>0.00</Amount>
    </InvoiceTaxAmount>
    <PrepaidAmount>
      <Amount>0.00</Amount>
    </PrepaidAmount>
    <InvoiceAmountPayable>
      <Amount>13.55</Amount>
    </InvoiceAmountPayable>
  </InvoiceSummary>
</Invoice>

```

```

    <PostCode>30120</PostCode>
    <CountryCode>DE</CountryCode>
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    <PartyId respAgency="92"/>
    <Name>Teilehändler Schmidt GmbH </Name>
    <Address>Fokkerstrasse 12 </Address>
    <Town>München</Town>
    <PostCode>80120</PostCode>
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    <Town>Dortmund</Town>
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    <CountryCode>DE</CountryCode>
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  <DeliveryParty>
    <Name>Teilehändler Schmidt GmbH </Name>
    <Address>Fokkerstrasse 12 </Address>
    <Town>München</Town>
    <PostCode>80120</PostCode>
    <CountryCode>DE</CountryCode>
  </DeliveryParty>
</Parties>
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  <Currency type="4">EUR</Currency>
</Currencies>
<DueDate>
  <Date fmt="102">20070102</Date>
</DueDate>
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  <Amount>10.00</Amount>
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<TaxExemption exemption="Y"/>
</Head>
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  <Line lineNo="1">
    <ProductIds>
      <ProductId type="SA">265-459</ProductId>
      <ProductId type="EN">3351642654593</ProductId>
    </ProductIds>

```

```

    <Quantity unit="PCE" type="47">1</Quantity>
  <Amount/>
  <Prices>
    <Price type="AP">3.55</Price>
  </Prices>
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    <Reference type="AAK">
      <RefNo>557289</RefNo>
      <RefDate fmt="102">20061004</RefDate>
      <RefLineNo>1</RefLineNo>
    </Reference>
    <Reference type="ON">
      <RefNo>258010</RefNo>
      <RefDate fmt="102">20061004</RefDate>
      <RefLineNo>15</RefLineNo>
    </Reference>
  </References>
  <ChargeOrDiscount type="A">
    <SpecialServices val="AJ">Discount</SpecialServices>
    <Percentage>58.67</Percentage>
    <Amount>5.05</Amount>
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  <Description>KO V.W. Golf II 85-</Description>
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  </PrepaidAmount>
  <TotalAmount>13.55</TotalAmount>
</Summary>
</Invoice>

```

## Code List 1: AllowOrChargeCodes

Code List 1: AllowOrChargeCode in TXML	In CAP
AdvertisingAllowance	AA
ReturnedProductCharge	AAB
CopperSurcharge	AAJ
BrokenPackageCharge	ADN
LogisticChainAllowance	ADO
OtherAllowancesOrCharges	ADR
PalletDiscount	ADS
SilverSurcharge	AG
Adjustments	AJ
CompetitiveAllowance	CAG
Discount	DI
EarlyBuyAllowance	EAA
EarlyPaymentAllowance	EAB
FreightAllowance	FA
FreightCharges	FC
FreeGoods	FG
FinancialCharges	FI
Insurance	IN
IntroductionAllowance	INT
InvoiceServices	IS
MaterialSurcharge	MC
NonReturnableContainer	NAA
PromotionalAllowance	PAD
Packing	PC
PickUpAllowance	PI
QuantityDiscount	QD
Rebate	RAA
ReturnableContainer	RAD
ReSuppliersDiscount	RAE
ReturnHandling	RCH

TruckloadDiscount	TAE
TradeDiscount	TD
TemporaryAllowance	TZ
WholesalingDiscount	WHE