

# **BSK implementation guide**

## **e2b-format v.3.3**

Banks common implementation guide  
based on version 3.3 of the  
e2b Invoice Format

**Version: 1.0**

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**Change log (English version)**

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## 1. Introduction

This implementation guide is prepared by BSK.

This implementation guide describes how e2b version 3.3 format is to be used for sending electronic invoices in the banking network. The format can be used both for B2B and B2C.

The documentation must be read in conjunction with the bank's User Guidelines.

This document is a translation of the equivalent Norwegian documentation for the BSK Implementation Guide for e2b-format ver. 3.3. In the event of any discrepancies between the two versions, the Norwegian one shall be regarded as the master version and the correct one.

### 1.1 Prerequisites

To be able to send e-invoices in the banking network, the following prerequisites must be met:

1. Agreement with bank
  - both the invoice recipient and invoice issuer must enter into a service agreement with its bank
2. Use of e-invoice ID:
  - When signing a service agreement, the invoice receiver and the invoice issuer will be assigned an e-invoice ID. The invoice issuer and the invoice receiver are responsible for exchanging the e-invoice ID among themselves
3. Adaptions in ERP-systems:
  - The e-invoice ID for both the invoice issuer and invoice recipient must be included in the invoice file. It may therefore be necessary to make adjustments in the ERP system

### 1.2 Target group for this document

The target group for this document is technical personnel which is responsible for the implementation of e-invoice solutions at the organisation of the e-invoice issuer or the organisation of the e-invoice receiver.

### 1.3 Explanation of the tables

Below is an explanation of the columns in the tables in Chapter 3 and 6

Name of XML element refers to the actual tag name in XML

Description specifies rules for data content, legal code values, etc.

Fields in italics are not guaranteed delivered if the invoice recipient uses another format than e2b version 3.3.

Requirement indicates whether the field is

M = Mandatory (Must be part of the message)

K = Optional (May be included in the message)

A = Dependent (Use is dependent on specific criteria)

Repetition indicates how many times the field should / can be repeated. See below:

1 Mandatory, used, only once

1..3 Mandatory, used minimum once, may be used up to 3 times

1..\* Mandatory, used minimum once, may be used many times

0..1 Optional, used maximally once

0..\* Optional, the field may be used many times

Type specifies the type of value to be transferred to the appropriate element in the XML notation

String = Alphanumeric

Integer = Numbers

Decimal = Desimalnumbers

Date = Date (YYYY-MM-DD)

Time= Time (HH:MM:SS)

DateTime = Date+Time (YYYY-MM-DDTHH:MM:SS)

Attributes are marked with the prefix @.

## 2. Invoice - Overall description of the format

### 2.1 Business Documents

The implementation Guide supports the following business documents:

Functional Business Document	Sending role	Receiving role	Description	State
<b>Invoice</b>	Supplier	Buyer	An invoice is a clear and unified sales document that presents the seller's / supplier's outstanding accounts towards the Buyer and documents the Buyer's rights to receive products and services.	
<b>Credit Note</b>	Supplier	Buyer	Credit Note is used by the supplier to disclose information about the credit amount the Buyer has against the supplier.	
<b>Reminder</b>	Supplier	Buyer	Reminders are used by the supplier to disclose information about the payment of outstanding claims that has not been received by the supplier as described in the invoice. The solution facilitates that the supplier may also send reminders to the Buyer. Notification of debt collection should be sent via mail (formal requirements acc. Law).	
<b>Interest invoice</b>	Supplier	Buyer	Interest invoice is used by the supplier to disclose information about outstanding interest claim the supplier has on the Buyer	

<b>Electronic invoice</b>			Electronic invoice is an invoice in a unified structured form that is transported electronically from the invoice issuer to the invoice recipient and which can be further processed by machine at the invoice recipients inhouse ERP systems. It is not sufficient that the bill is "electronic" or machine available. The data must be structured in such a way that the document can "float" between different systems. This means that a file (such as pdf or image format) that are made on the basis of a paper invoice, do not normally meet the definition of electronic invoice.
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## 2.2 Industry-specific extensions

All invoices must contain a minimum of basic information on the head-, detail- and sumlevel.

In addition, an invoice can contain information related to a particular industry. This information is necessary to describe the product or service that is the basis for billing. Such industry-specific extensions may also be included on the head and detail.

To ensure that the structure is met in all kinds of messages, the following principles are established for using industry-specific extensions in the format:

- If the industry-specific extension contains information on more than one level (consolidated invoice / multi-order invoice), they must be added before the basic details so that the base details represents a sum level of the industry-specific details.
- If the industry-specific extension contains information on one level, this should be added directly after the base details for each invoice line.

Banks do not guarantee that the information in industry-specific extensions can be distributed to the invoice recipient.

## 2.3 Technical guidelines

- Characterset: Unicode UTF-8
- Date format: YYYY-MM-DD
- Decimal character: Dot

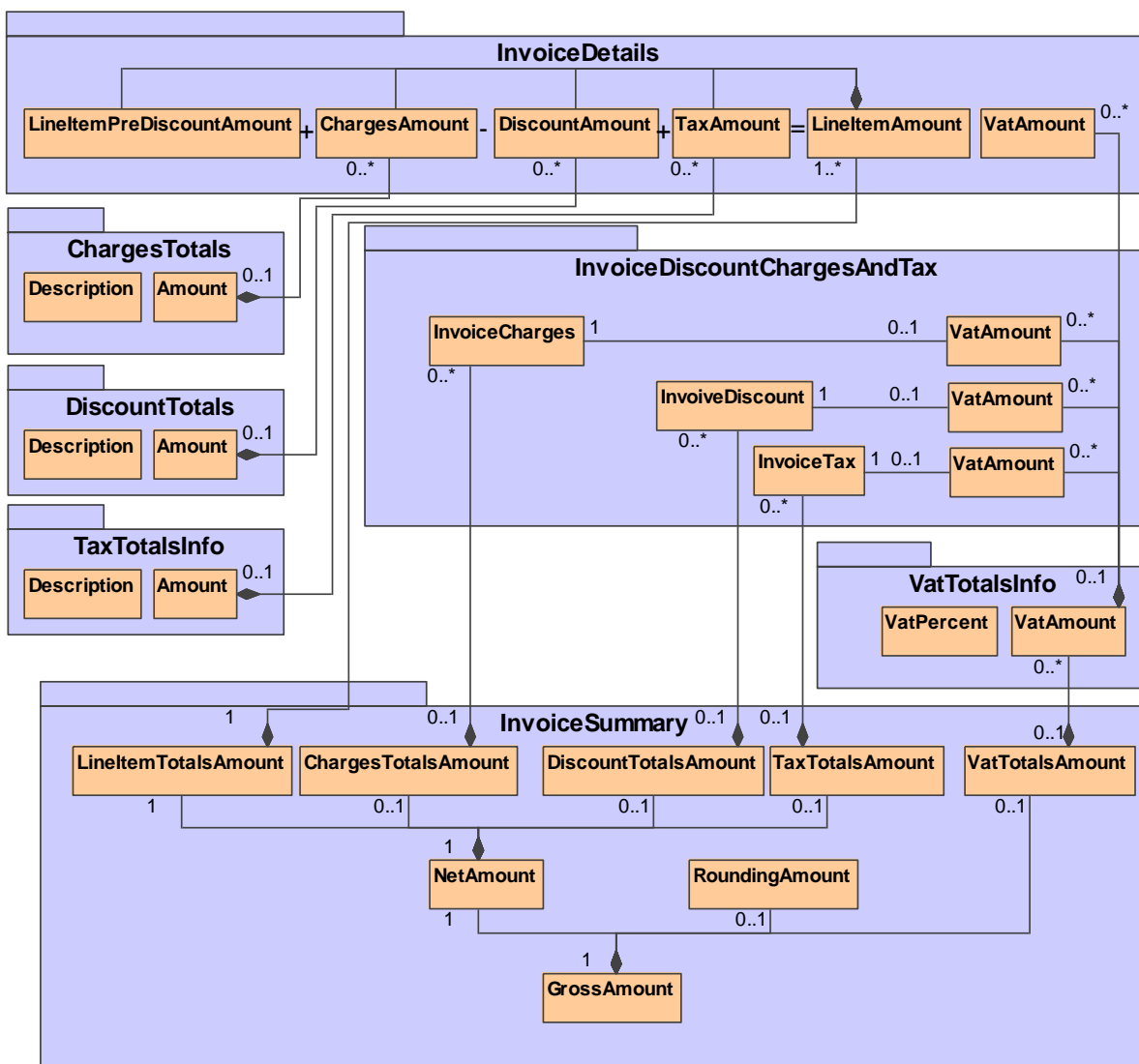
### 2.4 Filling in amount fields

The amount at line level that is to be added to the invoice total must be positive in the invoice and in the credit note.

The amount at the line level that is to be deducted from the invoice total must have a negative sign in both the invoice and the credit note.

VAT amounts, discount amounts, tax amounts and other additional amounts must be positive.

The figure below shows the relationship between the amounts in the message. It is used +, - and =. Otherwise, the summation is indicated by the cardinality / hierarchy between classes. Relation "many-to-one" means that many amounts are merged into one amount. That part of the relationship that has no symbol can be repeated several times and the amounts can be summarized in the class where the relationship is marked with "◆". The figure is best read from below.



The example below shows the calculation of line sums, charges / discounts and invoice totals in an e2b invoice.

<b>Calculation of line sums, charges/discounts and invoice totals</b>			
<b>Line level</b>			
	<b>XML-tag</b>		
	<BaseltemDetails><Description>	Product	Product1
	<BaseltemDetails><QuantityInvoiced>	Quantity	5
*	<BaseltemDetails><UnitPrice>	Unit price	2,5
=	<BaseltemDetails><LineItemPreDiscountAmount>	Total unit price	12,5
*	<BaseltemDetails><Discount><Percent>	Discount percentage	20 %
=	<BaseltemDetails><Discount><Amount>	Discount	2,5
- =	<BaseltemDetails><TaxInfo><BaseAmount>	Total incl. discount	10
*	<BaseltemDetails><TaxInfo><Percent>	percentage	10 %
=	<BaseltemDetails><TaxInfo><Amount>	percentage	1
+ =	<BaseltemDetails><VatInfo><VatBaseAmount>	Total incl. environmental tax	11
*	<BaseltemDetails><VatInfo><VatPercent>	VAT percentage	25 %
=	<BaseltemDetails><VatInfo><VatAmount>	VAT	2,75
+ =		Total incl. VAT	13,75
<b>Invoice level</b>			
	<InvoiceDiscountChargesAndTax><InvoiceCharges><BaseAmount>	Freight basis	11
*	<InvoiceDiscountChargesAndTax><InvoiceCharges><Percent>	Freight percentage	6 %
=	<InvoiceDiscountChargesAndTax><InvoiceCharges><Amount><InvoiceDiscountChargesAndTax><InvoiceCharges><VatInfo><VatBaseAmount>	Freight	0,66
*	<InvoiceDiscountChargesAndTax><InvoiceCharges><VatInfo><VatPercent>	VAT percentage	25 %
=	<InvoiceDiscountChargesAndTax><InvoiceCharges><VatInfo><VatAmount>	VAT	0,17
+ =		Total incl. VAT	0,83
<b>Invoice totals</b>			
	<InvoiceSummary><InvoiceTotals><LineItemTotalsAmount>	Linesum	11
=	<InvoiceSummary><InvoiceTotals><ChargesTotalsAmount>	Additional amount	0,66
=	<InvoiceSummary><InvoiceTotals><VatTotalsAmount>	VAT	2,92
+ =		Sum	14,58
+	<InvoiceSummary><InvoiceTotals><RoundingAmount>	Rounding	0,02
=	<InvoiceSummary><InvoiceTotals><GrossAmount>	Sum after rounding	14,60

## 2.5 Use of status message

The use of status messages is in principle the same as the status message defined in the e2b standard.

The use in the different banks may differ and the bank must be contacted for detailed user documentation.

## 2.6 Duplicate control

Each invoice file is controlled for duplicate against previously submitted invoices.

**The following elements may be included in the duplicate control:**

Element	XML element
eInvoiceID	InvoiceHeader/Supplier/PartyId
Invoicenummer	InvoiceHeader/InvoiceNumber
Invoice date	InvoiceHeader/InvoiceDate
Invoice type	InvoiceHeader/InvoiceType
Suppliers organisation number	InvoiceHeader/Supplier/OrgNumber

Note: Combinations of fields must be unique.

**The following items may invalidate the duplicate control:**

Element	XML element
InvoiceStatus	InvoiceHeader/InvoiceStatus

### 3. Invoice - Structure of the message

#### 3.1 Name standard invoice files

Based on agreement between the bank and the bank's customer (invoice issuer / invoice recipient)

#### 3.2 Structure Overview

The invoice format (based on e2b) is built up as shown in the figure below. The contents of the coloured modules are included in the basic format and are described in subsequent chapters. Contents of the white modules are additions that are described in separate documents (industry specific extensions).

Fields in italics are not guaranteed delivered to invoice recipients that use another e invoice format than e2b version 3.3.

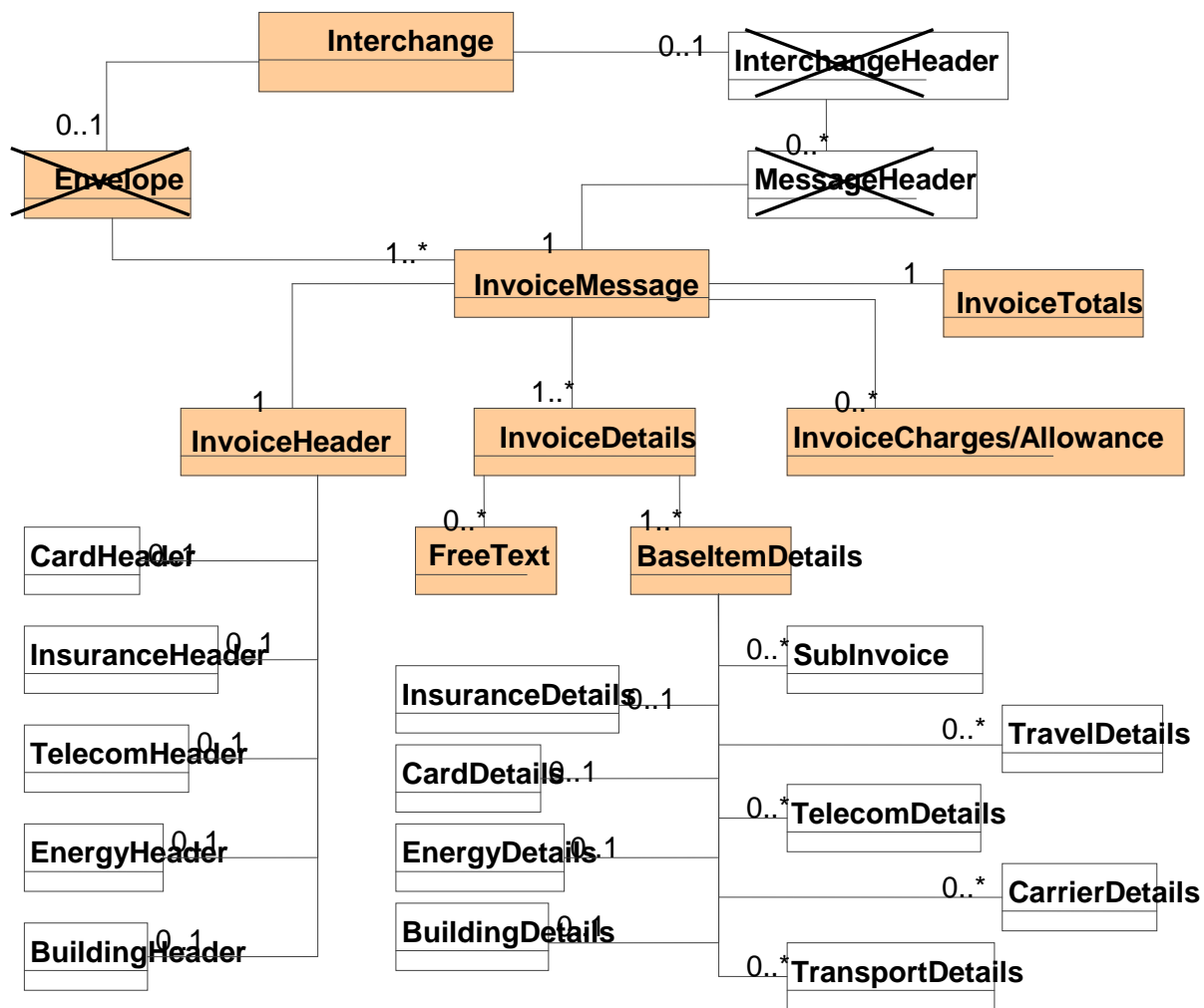
The following notation is used to define the requirements for filling in the chart below:

1 = One instance (mandatory)

1..\* = One or many instances

0..1 = None or one instance (conditional)

0..\* = None or many instances



### **3.3 Interchange**

“Interchange” is the package of the transfer file and is just a tag that marks the start and end of the file. (There are no other elements related to this)

### **3.4 Envelope**

Not used. (Envelope from invoice issuer may be accepted, but the envelope functions are not used).

## 3.5 Invoice Message

Name of XML-element	Description	Req.	Repetition	Type
<b>Invoice</b>		<b>M</b>	<b>1</b>	
@MessageOwner	Fixed value: e2b	M	1	String
@MessageType	Fixed value: Invoice	M	1	String
@MessageVersion	Legal value: 3.3	M	1	String
@language	Language code (ISO 639 two letter code)	K	0..1	String
MessageNumber	Unique number that identifies the message within an interchange	K	0..1	String
MessageTimestamp	Message date. Date and time when the message is generated. Format: YYYY-MM-DDTHH:MM:SS (Timerule Rulebook)	M	1	DateTime
NumberOfLines	Number of detail lines in the invoice	K	0..1	Integer
InvoiceContent	States if this is an Expense (K), Product (V) or Service (T) invoice. Legal values are: "K", "V" and "T"	K	0..1	String
LineOfBusiness	Codes which state what line of business the invoices are regarded as: Legal values: 1=Credit card, 2=Travel, 3=Telecom, 4=Transport, 5=Carrier, 6=Insurance, 7=Energy, 8=Building, 9=General goods	K	0..1	String
@codetext	Code description. Optional description of attribute	K	0..1	String

## 3.6 Invoice header

Name of XML-element	Description	Req.	Repetition	Type
<b>InvoiceHeader</b>	<b>Invoice header</b>	<b>M</b>	<b>1</b>	
InvoiceType	Legal values are: 380 = Invoice (Faktura) 381 = Credit Note (Kreditnota)	M	1	String
@codetext	Code description: Optional description in attribute: Eg. Invoice (380) Reminders (380) Interest invoice (380), Credit Note (381). Other Descriptions can be used and will be forwarded. If not completed, the codetext for the code in InvoiceType is used default.	K	1	String
InvoiceStatus	Document status: Legal values are: 9 = Original 10 = Copy 53 = Test (between invoice issuer and invoice recipient in production) Note: When using code 10 Copy or code 53 Test, the bank must be contacted.	M	1	String
@codetext	Code description: Optional description in attribute	K	0..1	String
InvoiceNumber	Invoice number or Credit note number	M	1	String
InvoiceDate	Invoice Date: Date of issue of invoice	M	1	Date
TaxTreatment	<i>Suggested code values connected to tax:</i> <i>NIL = Line item net amounts, invoice level tax</i> <i>GIL = Line item gross amounts, invoice level tax</i> <i>NLL = Line item net amounts, line-level tax</i> <i>GLL = Line item gross amounts, line-level tax</i> <i>NON = Tax does not apply to this invoice</i>	K	0..1	String
@codetext	Code description: Optional description in attribute	K	0..1	String
DiscountTreatment	<i>Suggested code values for discount management:</i> <i>UN = Line item unit price, net of discount</i> <i>UG = Line item unit price, gross of discount</i> <i>TN = Line item amount, net of discount</i>	K	0..1	String

Name of XML-element	Description	Req.	Repetition	Type
	<i>TG = Line item amount, gross of discount</i>			
@codetext	<i>Code description: Optional description in attribute</i>	K	0..1	String
Supplier	The actor who delivers the commodity or service. The content is described in Section 3.7.1, Actor Information.	M	1	PartyType (ref. kapittel 3.7)
InvoiceIssuer	<i>To be used if different from Supplier.</i>	K	0..1	PartyType (ref. kapittel 3.7)
Buyer	The actor who ordered the commodity or service.	M	1	PartyType (ref. kapittel 3.7)
Invoicee	<i>Invoice Recipient: The actor who receives the invoice/credit note. May be stated if different from buyer.</i>	K	0..1	PartyType (ref. kapittel 3.7)
OrderedBy	<i>May be stated if the procurement is made of an intermediary different from the Buyer.</i>	K	0..1	PartyType (ref. kapittel 3.7)
DeliveryPart	<i>Describes the actor on the place where the commodity is delivered. May be stated if different from buyer.</i>	K	0..1	PartyType (ref. kapittel 3.7)
UltimateCustomer	<i>Describes ultimate receiver of the commodity. May be stated if different from delivery part or buyer.</i>	K	0..1	PartyType (ref. kapittel 3.7)
ShippedFrom	<i>Describes the actor on the place where the goods are shipped from, or brought by the Buyer (DeliveryPart). The "ShippedFrom" may be stated in addition to "DeliveryPart" or "UltimateCustomer"</i>	K	0..1	PartyType (ref. kapittel 3.7)
Factoring	States if the Supplier uses Factoring to handle payment transactions.	K	0..1	PartyType (ref. kapittel 3.7)
InvoiceReferences	<b>References</b>	<b>K</b>	<b>0..1</b>	<b>InvoiceReferences Type</b>
BuyersOrderNumber	Order number: Reference to the buyers ordernumber. Required when invoices are to be matched with the order (used for instance for electronic matching). The use of this field is recommended.	K	0..1	String
BuyersOrderDate	<i>Reference to the buyer's order date. Mandatory for matching. The field is recommended.</i>	K	0..1	String
BuyersProjectCode	Reference to the buyer's project code	K	0..1	String
InvoiceNumber	Reference to original invoice in a credit note.	K	0..1	String

Name of XML-element	Description	Req.	Repetition	Type
SuppliersOrderNumber	Reference to the supplier's order number.	K	0..1	String
DeliveryTerms	Free text	K	0..1	String
<i>DeliveryTermsCode</i>	<i>Code for delivery terms: E.g. reference to INCOTERM-code for those using this.</i>	K	0..1	String
DeliveryTermsPlace	Delivery place associated with delivery terms	K	0..1	String
DeliveryNoteNum	Reference to the delivery note number.	K	0..1	String
DeliveryDate	Date of delivery with reference to delivery note number.	K	0..1	Date
<b>Payment</b>	<b>Payment information: Must occur once</b>	<b>M</b>	<b>1</b>	<b>PaymentType</b>
DueDate	Date when the invoice is due to payment	K	0..1	Date
Currency	Currency code: ISO Alpha code (3 characters) ISO 4217	M	1	String
KidNumber	KID-number (Norwegian payment identification)	K	0..1	String
PaymentTerms	Payment terms in free text	K	0..1	String
<b>PaymentDiscount</b>	<b>Zero or many instances</b>	<b>K</b>	<b>0..*</b>	
DiscountPercent	Discount percent	M	1	Decimal
DiscountDays	The number of days the discount take effect from	K	0..1	Decimal
OverDuePercent	Overdue interestcharge in percent	K	0..1	Decimal
<i>Attachments</i>	<i>Reference to the file with attachments, for instance an image file or tickets. Zero or many instances.</i>	K	0..*	String
Ref	Reference: General reference field with code. Zero or many occurrences.	K	0..*	RefWithCodeType
Code	Code stating type of references.	M	1	String
Text	Reference value.	K	0..1	String
FreeText	FreeText General information that cannot be placed in other fields. Zero or many occurrences.	K	0..*	String
<b>CardHeaderInformation</b>	<b>Business specific extension on header level for credit card invoices.</b>	<b>K</b>	<b>0..1</b>	<b>CardHeaderInfo Type</b>

Name of XML-element	Description	Req.	Repetition	Type
<i>InsuranceHeader</i>	<i>Business specific extension on header level for insurance invoices.</i>	<i>K</i>	<i>0..1</i>	<i>InsuranceHeader Type</i>
<i>TelecomHeader</i>	<i>Business specific extension on header level for telecom invoices.</i>	<i>K</i>	<i>0..1</i>	<i>TelecomHeader Type</i>
<i>EnergyHeader</i>	<i>Business specific extension on header level for energy invoices (power and power supply). The content is described in a specific document.</i>	<i>K</i>	<i>0..1</i>	<i>EnergyHeader Type</i>
<i>BuildingHeader</i>	<i>Business specific extension on header level for invoices related to building, electro and VA/VVS.</i>	<i>K</i>	<i>0..1</i>	<i>BuildingHeader Type</i>

### 3.7 Party information

#### 3.7.1 Supplier

Name of XML-element	Description	Req.	Repetition	Type
<b>PartyType</b>	<b>Actor information</b>	<b>M</b>	<b>1</b>	
PartyId	Actor number: Unique identifier Here "eFakturaID" is used (eFakturaID is built up with a BIC and a IBAN with a hyphen between): Example: XXXXXXXXXXXX-NOXX15020012345	<b>M</b>	<b>1</b>	<b>IdentifierType</b>
@schemeld	Identification of identifier The banks use "eFakturaID".	M	1	String
@schemeName	Name of identifier The banks use "eFakturaID"	M	1	String
@schemeAgencyName	Name of organization which administrates the identifier The BIC value of the bank that have issued the eFakturaID is used in this field.	M	1	String
<b>LocationId</b>	<b>Location number For example GLN (Global Localisation Number).</b>	<b>K</b>	<b>0..1</b>	<b>IdentifierType</b>
@schemeld	Identification of identifier, for example GLN	K	0..1	String
@schemeName	Name of identifier, for example GLN	K	0..1	String
@schemeAgency	Name of organization which administrates the identifier, for example GS1	K	0..1	String
Name	Company name	M	1	String
<b>ContactInformation</b>	<b>Contact information for the company</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
PhoneNumber	Company's Telephone number	K	0..1	String
FaxNumber	Company's Telefax number	K	0..1	String
EmailAddress	Company's Email address	K	0..1	String
WebAddress	Company's Web address	K	0..1	String
<b>StreetAddress</b>	<b>Street address: Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>

Name of XML-element	Description	Req.	Repetition	Type
Address1	Street-/visitor address 1	K	0..1	String
Address2	Street-/visitor address 2	K	0..1	String
Address3	Street-/visitor address 3	K	0..1	String
PostalCode	Post number related to the street address	K	0..1	String
PostalDistrict	Post district related to the street address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String
CountryName	Name of country in accordance with code	K	0..1	String
<b>PostalAddress</b>	<b>Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>
Address1	Post adress 1	K	0..1	String
Address2	Post adress 1	K	0..1	String
Address3	Post adress 1	K	0..1	String
PostalCode	Postnumber related post address	K	0..1	String
PostalDistrict	Post district related to post address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String
CountryName	Name of country in accordance with code	K	0..1	String
<b>ContactPerson</b>	<b>Zero or many occurrence</b>	<b>K</b>	<b>0..*</b>	<b>ContactPersonType</b>
Name	Contact person name: Recommended format: "Surname, First name, Middle name"	M	1	String
FirstName	Contact persons First name: Recommended format: "First name Middle name"	K	0..1	String
LastName	Contact persons Surname	K	0..1	String
Function	Contact persons Function (employment, role)	K	0..1	String
Department	Contact persons Department	K	0..1	String
<b>ContactInformation</b>	<b>Contact information for contact person</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
PhoneNumber	Phone number to contact person	K	0..1	String
FaxNumber	Fax number to contact person	K	0..1	String
EmailAddress	Email address to contact person	K	0..1	String

Name of XML-element		Description	Req.	Repetition	Type
	WebAddress	Web address to contact person	K	0..1	String
	OrgNumber	Organization number (9 digits). Mandatory for Supplier.	M	1	String
	VatId	VAT number: Mandatory when invoicing is deducted to Vat (14 characters).	K	0..1	String
	Department	Department within a company	K	0..1	String
	<b>AccountInformation</b>	<b>Information about accounts for national and international payments</b>	<b>K</b>	<b>0..1</b>	<b>AccountInformation Type</b>
	AccountNumber	The company's domestic bank account number Note! Not used when Factoring is used.	K	0..1	String
	IbanNumber	Account number for international payments	K	0..1	String
	SwiftNumber	Swift number/BIC for international payments	K	0..1	String
	ProjectRef	Project reference	K	0..1	String
	ContractNumber	Contract number	K	0..1	String
	<b>Ref</b>	<b>General reference fields with codes. Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>RefWithCodeType</b>
	Code	Code which states type of reference	M	0..1	String
	Text	The actual reference number	K	0..1	String

3.7.2 Buyer

Name of XML-element	Description	Req.	Repetition	Type
PartyType	Actor information	M	1	
PartyId	<p>Actor number: Unique identifier</p> <p><b>B2B:</b> Here "eFakturaID" is used (eFakturaID is built up with a BIC and a IBAN with a hyphen between): Example: XXXXXXXXXXXX-NOXX15020012345 Other id's can be agreed between the Invoice issuer and the invoice issuers bank</p> <p><b>B2C:</b> Here the einvoice reference (eFakturareferansen) is used.</p>	M	1	IdentifierType
@schemeld	<p>Identification of identifier</p> <p>B2B: "efakturald"</p> <p>B2C: "efakturaRef"</p> <p>Other identifiers: Must be agreed between the invoice issuer and the invoice issuers bank.</p>	M	1	String
@schemeName	<p>Name of identifier</p> <p>B2B: "efakturald"</p> <p>B2C: "efakturaRef"</p> <p>Other identifiers: Must be agreed between the invoice issuer and the invoice issuers bank.</p>	M	1	String
@schemeAgencyName	<p>Name of organization which administrates the identifier</p> <p>B2B: Receiving banks BIC.</p> <p>B2C: "BBS" is currently used.</p> <p>Other identifiers: Must be agreed between the invoice issuer and the invoice issuers bank.</p>	M	1	String

Name of XML-element	Description	Req.	Repetition	Type
<b>LocationId</b>	<b>Location number For example GLN (Global Localisation Number).</b>	<b>K</b>	<b>0..1</b>	<b>IdentifierType</b>
@schemeld	Identification of identifier, for example GLN	K	0..1	String
@schemeName	Name of identifier, for example GLN	K	0..1	String
@schemeAgency	Name of organization which administrates the identifier, for example GS1	K	0..1	String
Name	Company name	M	1	String
<b>ContactInformation</b>	<b>Contact information for the company</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
PhoneNumber	Company's Telephone number	K	0..1	String
FaxNumber	Company's Telefax number	K	0..1	String
EmailAddress	Company's Email address	K	0..1	String
WebAddress	Company's Web address	K	0..1	String
<b>StreetAddress</b>	<b>Street address: Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>
Address1	Street-/visitor address 1	K	0..1	String
Address2	Street-/visitor address 2	K	0..1	String
Address3	Street-/visitor address 3	K	0..1	String
PostalCode	Post number related to the street address	K	0..1	String
PostalDistrict	Post district related to the street address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String
CountryName	Name of country in accordance with code	K	0..1	String
<b>PostalAddress</b>	<b>Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>
Address1	Post adress 1	K	0..1	String
Address2	Post address 1	K	0..1	String
Address3	Post address 1	K	0..1	String
PostalCode	Post number related post address	K	0..1	String
PostalDistrict	Post district related to post address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String

Name of XML-element		Description	Req.	Repetition	Type
	CountryName	Name of country in accordance with code	K	0..1	String
<b>ContactPerson</b>		<b>Zero or many occurrence</b>	<b>K</b>	<b>0..*</b>	<b>ContactPersonType</b>
	Name	Contact person name: Recommended format: "Surname, First name, Middle name"	M	1	String
	FirstName	Contact persons First name: Recommended format: "First name Middle name"	K	0..1	String
	LastName	Contact persons Surname	K	0..1	String
	Function	Contact persons Function (employment, role)	K	0..1	String
	Department	Contact persons Department	K	0..1	String
<b>ContactInformation</b>		<b>Contact information for contact person</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
	PhoneNumber	Phone number to contact person	K	0..1	String
	FaxNumber	Fax number to contact person	K	0..1	String
	EmailAddress	Email address to contact person	K	0..1	String
	WebAddress	Web address to contact person	K	0..1	String
OrgNumber		Organization number (9 digits). Recommended used.	K	0..1	String
VatId		VAT number: Mandatory when invoicing is deducted to Vat (14 characters).	K	0..1	String
Department		Department within a company	K	0..1	String
<b>AccountInformation</b>		<b>Information about accounts for national and international payments</b>	<b>K</b>	<b>0..1</b>	<b>AccountInformation Type</b>
	AccountNumber	The company's domestic bank account number	K	0..1	String
	IbanNumber	Account number for international payments	K	0..1	String
	SwiftNumber	Swift number/BIC for international payments	K	0..1	String
ProjectRef		Project reference	K	0..1	String
ContractNumber		Contract number	K	0..1	String
<b>Ref</b>		<b>General reference fields with codes. Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>RefWithCodeType</b>

Name of XML-element		Description	Req.	Repetition	Type
	Code	Code which states type of reference For example "CustomerNumber" will be given here	M	1	String
	Text	The actual reference number For example "CustomerNumber" will be given here	K	0..1	String

### 3.7.3 Factoring

Name of XML-element		Description	Req.	Repetition	Type
<b>PartyType</b>		<b>Actor information</b>	<b>K</b>	<b>0..1</b>	
	<b>PartyId</b>	<b>Actor number: Unique identifier</b> <b>The Factoring company's ID number for the invoice issuer.</b>	<b>K</b>	<b>0..1</b>	<b>IdentifierType</b>
	@schemeld	Identification of identifier, for example supplier identifier	K	0..1	String
	@schemeName	Name of identifier, for example suppliers identifier	K	0..1	String
	@schemeAgency	Name of organization which administrates the identifier, for example the supplier	K	0..1	String
	<b>LocationId</b>	<b>Location number For example GLN (Global Localisation Number).</b>	<b>K</b>	<b>0..1</b>	<b>IdentifierType</b>
	@schemeld	Identification of identifier, for example GLN	K	0..1	String
	@schemeName	Name of identifier, for example GLN	K	0..1	String
	@schemeAgency	Name of organization which administrates the identifier, for example GS1	K	0..1	String
	Name	Company name	M	1	String
	<b>ContactInformation</b>	<b>Contact information for the company</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
	PhoneNumber	Company's Telephone number	K	0..1	String
	FaxNumber	Company's Telefax number	K	0..1	String
	EmailAddress	Company's Email address	K	0..1	String

Name of XML-element	Description	Req.	Repetition	Type
WebAddress	Company's Web address	K	0..1	String
<b>StreetAddress</b>	<b>Street address: Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>
Address1	Street-/visitor address 1	K	0..1	String
Address2	Street-/visitor address 2	K	0..1	String
Address3	Street-/visitor address 3	K	0..1	String
PostalCode	Post number related to the street address	K	0..1	String
PostalDistrict	Post district related to the street address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String
CountryName	Name of country in accordance with code	K	0..1	String
<b>PostalAddress</b>	<b>Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>
Address1	Post address 1	K	0..1	String
Address2	Post address 1	K	0..1	String
Address3	Post address 1	K	0..1	String
PostalCode	Post number related post address	K	0..1	String
PostalDistrict	Post district related to post address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String
CountryName	Name of country in accordance with code	K	0..1	String
<b>ContactPerson</b>	<b>Zero or many occurrence</b>	<b>K</b>	<b>0..*</b>	<b>ContactPersonType</b>
Name	Contact person name: Recommended format: "Surname, First name, Middle name"	M	1	String
FirstName	Contact persons First name: Recommended format: "First name Middle name"	K	0..1	String
LastName	Contact persons Surname	K	0..1	String
Function	Contact persons Function (employment, role)	K	0..1	String
Department	Contact persons Department	K	0..1	String
<b>ContactInformation</b>	<b>Contact information for contact person</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
PhoneNumber	Phone number to contact person	K	0..1	String

Name of XML-element		Description	Req.	Repetition	Type
	<i>FaxNumber</i>	<i>Fax number to contact person</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>EmailAddress</i>	<i>Email address to contact person</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>WebAddress</i>	<i>Web address to contact person</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>OrgNumber</i>	<i>Organization number (9 digits). Mandatory for Supplier. Recommended used.</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>VatId</i>	<i>VAT number: Mandatory when invoicing is deducted to Vat (14 characters). Recommended used.</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>Department</i>	<i>Department within a company</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<b>AccountInformation</b>	<b>Information about accounts for national and international payments</b>	<b>K</b>	<b>0..1</b>	<b>AccountInformation Type</b>
	<i>AccountNumber</i>	<i>The factoring company's bank account number</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>IbanNumber</i>	<i>Account number for international payments</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>SwiftNumber</i>	<i>Swift number/BIC for international payments</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>ProjectRef</i>	<i>Project reference</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<i>ContractNumber</i>	<i>Contract number</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
	<b>Ref</b>	<b>General reference fields with codes. Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>RefWithCodeType</b>
	<i>Code</i>	<i>Code which states type of reference Here "AssignedClaused" is used.</i>	<i>M</i>	<i>0..1</i>	<i>String</i>
	<i>Text</i>	<i>Infringement text</i>	<i>K</i>	<i>0..1</i>	<i>String</i>

### 3.7.4 Other parties

Contains information about InvoiceIssuer, Invoicee, DeliveryPart, OrderedBy, UltimateCustomer, ShippedFrom

Name of XML-element	Description	Req.	Repetition	Type
<b>PartyType</b>	<b>Actor information</b>	<b>K</b>	<b>0..1</b>	
<b>PartyId</b>	<b>Actor number: Unique identifier</b>	<b>K</b>	<b>0..1</b>	<b>IdentifierType</b>
@schemeld	Identification of identifier, for example supplier identifier	K	0..1	String
@schemeName	Name of identifier, for example suppliers identifier	K	0..1	String
@schemeAgency	Name of organization which administrates the identifier, for example the supplier	K	0..1	String
<b>LocationId</b>	<b>Location number For example GLN (Global Localisation Number).</b>	<b>K</b>	<b>0..1</b>	<b>IdentifierType</b>
@schemeld	Identification of identifier, for example GLN	K	0..1	String
@schemeName	Name of identifier, for example GLN	K	0..1	String
@schemeAgency	Name of organization which administrates the identifier, for example GS1	K	0..1	String
Name	Company name	M	1	String
<b>ContactInformation</b>	<b>Contact information for the company</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
PhoneNumber	Company's Telephone number	K	0..1	String
FaxNumber	Company's Telefax number	K	0..1	String
EmailAddress	Company's Email address	K	0..1	String
WebAddress	Company's Web address	K	0..1	String
<b>StreetAddress</b>	<b>Street address: Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>
Address1	Street-/visitor address 1	K	0..1	String
Address2	Street-/visitor address 2	K	0..1	String
Address3	Street-/visitor address 3	K	0..1	String
PostalCode	Post number related to the street address	K	0..1	String
PostalDistrict	Post district related to the street address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String

Name of XML-element	Description	Req.	Repetition	Type
CountryName	Name of country in accordance with code	K	0..1	String
<b>PostalAddress</b>	<b>Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>AddressType</b>
Address1	Post address 1	K	0..1	String
Address2	Post address 1	K	0..1	String
Address3	Post address 1	K	0..1	String
PostalCode	Post number related post address	K	0..1	String
PostalDistrict	Post district related to post address	K	0..1	String
CountryCode	2 character code in accordance with ISO 3166	K	0..1	String
CountryName	Name of country in accordance with code	K	0..1	String
<b>ContactPerson</b>	<b>Zero or many occurrence</b>	<b>K</b>	<b>0..*</b>	<b>ContactPersonType</b>
Name	Contact person name: Recommended format: "Surname, First name, Middle name"	M	1	String
FirstName	Contact persons First name: Recommended format: "First name Middle name"	K	0..1	String
LastName	Contact persons Surname	K	0..1	String
Function	Contact persons Function (employment, role)	K	0..1	String
Department	Contact persons Department	K	0..1	String
<b>ContactInformation</b>	<b>Contact information for contact person</b>	<b>K</b>	<b>0..1</b>	<b>ContactInformation Type</b>
PhoneNumber	Phone number to contact person	K	0..1	String
FaxNumber	Fax number to contact person	K	0..1	String
EmailAddress	Email address to contact person	K	0..1	String
WebAddress	Web address to contact person	K	0..1	String
OrgNumber	Organization number (9 digits). Mandatory for Supplier. Recommended used.	K	0..1	String
VatId	VAT number: Mandatory when invoicing is deducted to Vat (14 characters). Recommended used.	K	0..1	String
Department	Department within a company	K	0..1	String

Name of XML-element	Description	Req.	Repetition	Type
<b>AccountInformation</b>	<b>Information about accounts for national and international payments</b>	<b>K</b>	<b>0..1</b>	<b>AccountInformation Type</b>
AccountNumber	The company's domestic bank account number	K	0..1	String
IbanNumber	Account number for international payments	K	0..1	String
SwiftNumber	Swift number/BIC for international payments	K	0..1	String
ProjectRef	Project reference	K	0..1	String
ContractNumber	Contract number	K	0..1	String
<b>Ref</b>	<b>General reference fields with codes. Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>RefWithCodeType</b>
Code	Code which states type of reference	M	0..1	String
Text	The actual reference number	K	0..1	String



### 3.8 Invoice details

Invoice details may consist of:

- **Free text.** A description/specification of an invoice line
- **Base item details.** A general invoice line containing sufficient information for most business sectors and applications

The base item details are normally imported by all recipients. It is therefore important that these information elements is placed at the same place in the message structure, regardless how the rest of the message is structured. In addition to the base item details, different business sectors may require specific information to be sent on detail level. This information is defined in separate business specific extensions which are conditional to use. The following rules are applicable for the definition of business specific extension in e2b on details level (see also chapter 2.2):

- Business specific extensions that have multi order structure or consists of information on more than one level, is placed before the base item details
- Business specific extensions that consists of information on one level only, is placed after the base item details

Name of XML-element	Description	Req.	Repetition	Type
<b>InvoiceDetails</b>	<b>Invoice details</b>	<b>M</b>	1..*	
<b>FreeText</b>	<i>Zero or many occurrences</i>	<b>K</b>	0..*	<i>String</i>
<b>BaseltemDetails</b>	<i>Zero or many occurrences</i>	<b>M</b>	1..*	<b>BaseltemDetailsType</b>
<b>SubInvoice</b>	<i>SubInvoice: General multi order structure on line level</i>	<b>K</b>	0..1	<b>SubInvoiceType</b>
Header	<i>Invoice header: Standard e2b header information.</i>	<b>M</b>	1	<i>HeaderType</i>
Details	<i>Details: Standard e2b base of details. One or many occurrences.</i>	<b>M</b>	1..*	<i>DetailsType</i>
<b>TravelDetails</b>	<i>Business specific extension for travel invoices.</i>	<b>K</b>	0..1	<b>TravelDetailsType</b>
<b>TelecomDetails</b>	<i>Business specific extension for telecom invoices.</i>	<b>K</b>	0..1	<b>TelecomDetailsType</b>
<b>TransportDetails</b>	<i>Business specific extension for transport invoices.</i>	<b>K</b>	0..1	<b>TransportDetailsType</b>
<b>CarrierDetails</b>	<i>Business specific extension for carrier invoices.</i>	<b>K</b>	0..1	<b>CarrierDetailsType</b>

Name of XML-element	Description	Req.	Repetition	Type
<i>LineItemNum</i>	<i>Line number in the invoice. Numbers in serial order from issuer.</i>	K	0..1	String
Level	States the level in the invoice and can be used to aggregation / sub-invoicing Only integer numbers is to be used: 1, 2, 3, ...etc. Se detailed description in Appendix 2, chapter 1.4	K	0..1	String
SuppliersProductId	Supplier's article-/product-/service number	K	0..1	String
Description	Description of a article/product/service	M	1	String
<i>BuyersProductId</i>	The Buyer's article-/product-/service number	K	0..1	String
<b>AdditionalProductId</b>	<b>Additional product identification: Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>AdditionalProductIdType</b>
Code	Can be a reference to a product code in a procurement portal or a trade specific code i.e. EPD, GTIN (previous EAN article number) or NOBB.	M	1	String
Text	ProductId: Actual value.	K	0..1	String
UnitPrice	Based on pricetype	K	0..1	Decimal
<i>PriceDenomination</i>	Price description. Will be stated if price is given in a unit different from amount.	K	0..1	String
<i>PriceType</i>	Legal values are: AAA (Net price including allowance/charge) AAB (Gross price without allowance/charge)	K	0..1	String
@codetext	Code description. Optional description in attribute	K	0..1	String
<i>PerQuantity</i>	Price per. quantity which unit price passes for	K	0..1	Decimal
<i>LineItemPreDiscount Amount</i>	Line amount before allowance/charge	K	0..1	Decimal
<i>PrePaidAmount</i>	Contains amount paid in advance	K	0..1	Decimal
<i>CommissionAmount</i>	For instance in connection with the use of traveling bureaus	K	0..1	Decimal

Name of XML-element	Description	Req.	Repetition	Type
LineItemAmount	Line amount without VAT, but included possible allowances/charges. Either LineItemAmount or LineItemGrossAmount must be sent.	A	1	Decimal
LineItemGrossAmount	Line item amount included VAT and possible allowances/charges. Either LineItemGrossAmount or LineItemAmount must be sent.	A	1	Decimal
QuantityInvoiced	Invoiced quantity	K	0..1	Decimal
UnitOfMeasure	Unit in accordance with ISO standard 31	K	0..1	String
<b>ExchangeInformation</b>	<b>Information about amount in different currency. Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>ExchangeInformationType</b>
Currency	Currency code: ISO Alpha code (3 characters) ISO 4217	M	1	String
ForeignAmount	Amount in another currency: i.e. use of bankcards in a foreign currency	M	1	Decimal
ExchangeRate	<i>Exchange rate used by conversion to NOK</i>	K	0..1	Decimal
ExchangeDate	<i>Valid date for exchange rate</i>	K	0..1	Date
<b>OrderInformation</b>	<b>Information about the buyers order. Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>OrderAndDeliveryInfoType</b>
UnitOfMeasure	<i>If different from invoiced unit</i>	K	0..1	String
UnitPrice	<i>Unit price for the ordered unit</i>	K	0..1	Decimal
PriceType	<i>Price type for the ordered unit</i>	K	0..1	String
Quantity	<i>Ordered quantity related to the ordered unit</i>	K	0..1	Decimal
LineNum	<i>Reference to the order's line number</i>	K	0..1	String
<b>DeliveryInformation</b>	<b>Information about de delivery. Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>OrderAndDeliveryInfoType</b>
UnitOfMeasure	<i>Unit delivered: If different from invoiced unit</i>	K	0..1	String
UnitPrice	<i>Unit price for the delivered unit</i>	K	0..1	Decimal
PriceType	<i>Price type for the delivered unit</i>	K	0..1	String
Quantity	<i>Delivered quantity</i>	K	0..1	Decimal
LineNum	<i>Reference to the line number on the list of contents</i>	K	0..1	String

Name of XML-element	Description	Req.	Repetition	Type
<b>SuppliersOrderInformation</b>	<b>Information about the supplier's internal orders. Zero or one occurrence</b>	<b>K</b>	<b>0..1</b>	<b>OrderAndDeliveryInfoType</b>
UnitOfMeasure	<i>If different from invoiced unit of measure.</i>	K	0..1	String
UnitPrice	<i>Unit price in the supplier's order</i>	K	0..1	Decimal
PriceType	<i>Price type in the supplier's order</i>	K	0..1	String
Quantity	<i>Quantity in the supplier's order</i>	K	0..1	Decimal
LineNum	<i>Reference to line number in the supplier's order</i>	K	0..1	String
<b>VatInfo</b>	<b>VAT which is calculated on the line amount. Zero or many occurrences Note: VatPercent or VatBaseAmount can not be given alone</b>	<b>K</b>	<b>0..*</b>	<b>VatInfoType</b>
VatPercent	<i>VAT-percent: Eg. 25</i>	K	0..1	Decimal
VatBaseAmount	<i>Basis for the VAT calculation for the particular rate.</i>	K	0..1	Decimal
VatAmount	<i>Amount for the particular rate</i>	K	0..1	Decimal
<b>TaxInfo</b>	<b>Taxes on line level except VAT. Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>DiscountChargesAndTaxType</b>
Code	<i>Code for tax in accordance with contract.</i>	K	0..1	String
Description	<i>Description of type of tax, ref. Code</i>	K	0..1	String
Percent	<i>Tax Percent</i>	K	0..1	Decimal
BaseAmount	<i>Base amount for calculation of tax</i>	K	0..1	Decimal
Amount	<i>Tax amount</i>	K	0..1	Decimal
Quantity	<i>To be used if tax is related to quantity</i>	K	0..1	Decimal
UnitOfMeasure	<i>Unit related to quantity</i>	K	0..1	String
RatePerUnit	<i>To be used if tax is calculated based on rate per unit.</i>	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT which is calculated on the tax</b>	<b>K</b>	<b>1</b>	<b>VatInfoType</b>
VatPercent	<i>Vat-percent (e.g. 0, 7, 11 or 25)</i>	K	0..1	Decimal
VatBaseAmount	<i>Basis for the Vat calculation for the particular rate</i>	K	0..1	Decimal
VatAmount	<i>Amount for the particular rate</i>	K	0..1	Decimal

Name of XML-element	Description	Req.	Repetition	Type
CalculationSequence	States the sequence for calculation if more than one tax	K	0..1	String
<b>Discount</b>	<b>Discount on line level. Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>DiscountChargesAndTaxType</b>
Code	Code for discount in accordance with contract.	K	0..1	String
Description	Description of type of discount, ref. Code	K	0..1	String
Percent	Discount percent	K	0..1	Decimal
BaseAmount	Base amount for discount calculation	K	0..1	Decimal
Amount	Discount amount	K	0..1	Decimal
Quantity	To be used if the discount is related to quantity.	K	0..1	Decimal
UnitOfMeasure	Unit related to quantity	K	0..1	String
RatePerUnit	To be used if discount is calculated based on rate per unit.	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT which is calculated on the discount</b>	<b>K</b>	<b>1</b>	<b>VatInfoType</b>
VatPercent	Vat-percent: (e.g. 0, 7, 11 or 25)	K	0..1	Decimal
VatBaseAmount	Basis for the Vat calculation for the particular rate	K	0..1	Decimal
VatAmount	Amount for the particular rate	K	0..1	Decimal
CalculationSequence	States the sequence for calculation if more than one discount	K	0..1	String
<b>Charges</b>	<b>Charges on line level. Zero or many occurrences</b>	<b>K</b>	<b>0..*</b>	<b>DiscountChargesAndTaxType</b>
Code	Code for charges in accordance with contract	K	0..1	String
Description	Description of type of charges, ref. code	K	0..1	String
Percent	Charge percent	K	0..1	Decimal
BaseAmount	Base amount for calculation of charge	K	0..1	Decimal
Amount	Charge amount	K	0..1	Decimal
Quantity	To be used if charge is related to quantity	K	0..1	Decimal
UnitOfMeasure	Unit related to quantity	K	0..1	String
RatePerUnit	To be used if the charge is calculated based on a rate per unit.	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT which is calculated on the addition</b>	<b>K</b>	<b>1</b>	<b>VatInfoType</b>

Name of XML-element	Description	Req.	Repetition	Type
VatPercent	Vat-percent (e.g. 0, 7, 11 or 25)	K	0..1	Decimal
VatBaseAmount	Basis for the Vat calculation for the particular rate	K	0..1	Decimal
VatAmount	Amount for the particular rate	K	0..1	Decimal
CalculationSequence	States the sequence for calculation if more than one charge	K	0..1	String
Invoicee	Invoice receiver: If Invoicee must be stated on Invoice line.	K	0..1	PartyType (ref. chapter 3.7)
Licencee	If Licensee is different from Supplier/Seller	K	0..1	PartyType (ref. chapter 3.7)
Duration	Duration, e.g. weeks or days	K	0..1	String
@unitCode	Unit for duration. Mandatory attribute	K	0..1	String
StartDate	Start date for periodic invoicing	K	0..1	Date
EndDate	End date for periodic invoicing	K	0..1	Date
SpecialCond	Special conditions. Suggested conditions are: 1 = Campaign 2 = Neither subject to bonus nor subject to commission 3 = Subject to bonus 4 = Subject to commission 5 = Both subject to bonus and subject to commission	K	0..1	String
PostingInformation	The complete posting string defined by the Buyer	K	0..1	String
PostingDetails	<b>The content of the posting string. Zero or many occurrences.</b>	K	0..*	PostingDetailsType
Dimension	General concept, for instance a department or project.	M	1	String
PostingCode	Code for relevant dimension	M	1	String
Ref	<b>Reference: General reference fields with codes. Zero or many occurrences.</b>	K	0..*	RefWithCodeType
Code	Code which states type of reference.	M	1	String
Text	The actual reference number	K	0..1	String
FreeText	Free text: General information which cannot be placed in other fields.	K	0..1	String
CardDetailsInformation	<b>Business specific extension for credit card invoices.</b>	K	0..1	CardDetailsInfoType

---

Name of XML-element		Description	Req.	Repetition	Type
	<i>InsuranceDetails</i>	<i>Business specific extension for invoices related to an insurance settlement.</i>	<i>K</i>	<i>0..1</i>	<i>InsuranceDetailsType</i>
	<i>EnergyDetails</i>	<i>Business specific extension for energy invoices (power, power supply). The content is described in a specific document.</i>	<i>K</i>	<i>0..1</i>	<i>EnergyDetailstype</i>
	<i>BuildingDetails</i>	<i>Business specific extension for invoices related to building, electro and water, sewage and plumbing.</i>	<i>K</i>	<i>0..1</i>	<i>BuildingDetailstype</i>

## 3.9 Invoice discount, charges and tax

Name of XML-element	Description	Req.	Repetition	Type
<b>InvoiceDiscountChargesAndTax</b>	<b>Invoice discounts, charges and tax on invoice level.</b>	<b>K</b>	<b>0..1</b>	
<b>InvoiceDiscountInfo</b>	<b>Discounts on invoice total. Zero or many occurrences</b>	<b>K</b>	<b>0..1</b>	<b>DiscountChargesAndTaxType</b>
Code	Code for discount in accordance with contract.	K	0..1	String
Description	Description of type of discount, ref. Code	K	0..1	String
Percent	Discount percent	K	0..1	Decimal
BaseAmount	Base amount for discount calculation	K	0..1	Decimal
Amount	Discount amount	K	0..1	Decimal
Quantity	To be used if the discount is related to quantity.	K	0..1	Decimal
UnitOfMeasure	Unit related to quantity	K	0..1	String
RatePerUnit	To be used if discount is calculated based on rate per unit.	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT which is calculated on the discount</b>	<b>K</b>	<b>0..1</b>	<b>VatInfoType</b>
VatPercent	Vat-percent: (e.g. 0, 7, 11 or 25)	K	0..1	Decimal
VatBaseAmount	Basis for the Vat calculation for the particular rate	K	0..1	Decimal
VatAmount	Amount for the particular rate	K	0..1	Decimal
CalculationSequence	States the sequence for calculation if more than one discount	K	0..1	String
<b>InvoiceChargesInfo</b>	<b>Charges added to the invoice total. Zero or many occurrences.</b>	<b>K</b>	<b>0..1</b>	<b>DiscountChargesAndTaxType</b>
Code	Code for charges in accordance with contract	K	0..1	String
Description	Description of type of charges, ref. code	K	0..1	String
Percent	Charge percent	K	0..1	Decimal
BaseAmount	Base amount for calculation of charge	K	0..1	Decimal
Amount	Charge amount	K	0..1	Decimal
Quantity	To be used if charge is related to quantity	K	0..1	Decimal

Name of XML-element	Description	Req.	Repetition	Type
<i>UnitOfMeasure</i>	<i>Unit related to quantity</i>	K	0..1	String
<i>RatePerUnit</i>	<i>To be used if charges are calculated based on rate per unit.</i>	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT calculation based on charges</b>	<b>K</b>	<b>0..1</b>	<b>VatInfoType</b>
<i>VatPercent</i>	<i>Vat-percent: (e.g. 0, 7, 11 or 25)</i>	K	0..1	Decimal
<i>VatBaseAmount</i>	<i>Basis for the Vat calculation for the particular rate</i>	K	0..1	Decimal
<i>VatAmount</i>	<i>Amount for the particular rate</i>	K	0..1	Decimal
<i>CalculationSequence</i>	<i>States the sequence for calculation if more than one charge</i>	K	0..1	String
<b>InvoiceTaxInfo</b>	<b>Governmental tax added to the invoice total. Zero or many occurrences.</b>	<b>K</b>	<b>0..*</b>	<b>DiscountChargesAndTaxType</b>
<i>Code</i>	<i>Code for charges in accordance with contract</i>	K	0..1	String
<i>Description</i>	<i>Description of type of charges, ref. code</i>	K	0..1	String
<i>Percent</i>	<i>Charge percent</i>	K	0..1	Decimal
<i>BaseAmount</i>	<i>Base amount for calculation of charge</i>	K	0..1	Decimal
<i>Amount</i>	<i>Charge amount</i>	K	0..1	Decimal
<i>Quantity</i>	<i>To be used if charge is related to quantity</i>	K	0..1	Decimal
<i>UnitOfMeasure</i>	<i>Unit related to quantity</i>	K	0..1	String
<i>RatePerUnit</i>	<i>To be used if charges are calculated based on rate per unit.</i>	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT which is calculated on the tax.</b>	<b>K</b>	<b>0..1</b>	<b>VatInfoType</b>
<i>VatPercent</i>	<i>Vat-percent: (eg. 0, 7, 11 or 25)</i>	K	0..1	Decimal
<i>VatBaseAmount</i>	<i>Basis for the Vat calculation for the particular rate</i>	K	0..1	Decimal
<i>VatAmount</i>	<i>Amount for the particular rate</i>	K	0..1	Decimal
<i>CalculationSequence</i>	<i>States the sequence for calculation if more than one charge</i>	K	0..1	String

3.10 Invoice totals

Name of XML-element	Description	Req.	Repetition	Type
<b>InvoiceSummary</b>	<b>Invoice totals</b>	<b>M</b>	<b>1</b>	
<i>FreeText</i>	<i>One or more lines</i>	<i>K</i>	<i>0..*</i>	<i>String</i>
<b>InvoiceTotals</b>	<b>Must occur once</b>	<b>M</b>	<b>1</b>	<b>InvoiceTotalstype</b>
<i>LineItemTotalsAmount</i>	<i>Sum total line amount</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>DiscountTotalsAmount</i>	<i>Sum total discounts on detail and invoice level</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>ChargesTotalsAmount</i>	<i>Sum total charges on detail and invoice level</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>TaxTotalsAmount</i>	<i>Sum total taxes on detail and invoice level</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>PrePaidAmount</i>	<i>Sum total prepaid amount. For instance pay on account</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>CommissionAmount</i>	<i>Sum total commission amount. For instance, the use of a travelling agency</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>GrossAmount</i>	<i>Invoice amount included VAT</i>	<i>M</i>	<i>1</i>	<i>Decimal</i>
<i>VatTotalsAmount</i>	<i>Sum total VAT amount</i>	<i>M</i>	<i>1</i>	<i>Decimal</i>
<i>NetAmount</i>	<i>Invoice amount excluded VAT</i>	<i>M</i>	<i>1</i>	<i>Decimal</i>
<i>RoundingAmount</i>	<i>Rounding off to the nearest "øre": On total gross amount</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<b>VatTotalsInfo</b>	<b>VAT-specification: Specification of total VAT per rate. Zero or many occurrences. It is recommended in addition to include sum for VAT rate 0 (zero) when the element is used.</b>		<b>0..*</b>	<b>VatInfoType</b>
<i>VatPercent</i>	<i>Vat-percent: (e.g. 0, 7, 11 or 25)</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>VatBaseAmount</i>	<i>The total basis for VAT calculation for this particular rate</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<i>VatAmount</i>	<i>Amount for the particular rate</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>
<b>TaxTotalsInfo</b>	<b>Specification of total taxes beyond VAT per code/type. Zero or many occurrences.</b>	<b>K</b>	<b>0..*</b>	<b>TaxTotalsInfoType</b>
<i>TaxCode</i>	<i>Code for tax code in accordance with contract</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
<i>TaxDescription</i>	<i>Description of type of tax, ref. code.</i>	<i>K</i>	<i>0..1</i>	<i>String</i>
<i>TaxAmount</i>	<i>Tax amount for this particular code.</i>	<i>K</i>	<i>0..1</i>	<i>Decimal</i>

Name of XML-element	Description	Req.	Repetition	Type
<b>DiscountTotals</b>	<b>Specification of total discount per code. Zero or many occurrences.</b>	<b>K</b>	<b>0..*</b>	<b>DiscountCharges AndTaxType</b>
Code	Code for discount in accordance with contract	K	0..1	String
Description	Description of type of tax, ref. code.	K	0..1	String
Percent	Discount percent	K	0..1	Decimal
BaseAmount	Base amount for discount calculation	K	0..1	Decimal
Amount	Discount amount	K	0..1	Decimal
Quantity	To be used if discount is related to quantity.	K	0..1	Decimal
UnitOfMeasure	Unit related to quantity	K	0..1	String
RatePerUnit	To be used if discounts are calculated based on rate per unit	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT calculated on the discount.</b>	<b>K</b>	<b>0..1</b>	<b>VatInfoType</b>
VatPercent	Vat-percent: (e.g. 0, 7, 11 or 25)	K	0..1	Decimal
VatBaseAmount	The total basis for VAT calculation for this particular rate	K	0..1	Decimal
VatAmount	Amount for the particular rate	K	0..1	Decimal
CalculationSequence	Sequence for calculation if more than one discount (not relevant for totals)	K	0..1	String
<b>ChargesTotals</b>	<b>Specification of total charges per code. Zero or many occurrences.</b>	<b>K</b>	<b>0..*</b>	<b>DiscountCharges AndTaxType</b>
Code	Codes for charges in accordance with contract.	K	0..1	String
Description	Description of type of charges, ref. Code	K	0..1	String
Percent	Charge percent	K	0..1	Decimal
BaseAmount	Base amount for calculation of charge	K	0..1	Decimal
Amount	Charge amount	K	0..1	Decimal
Quantity	To be used if charges are related to quantity.	K	0..1	Decimal
UnitOfMeasure	Unit related to quantity	K	0..1	String
RatePerUnit	To be used if charges are calculated based on rate per unit.	K	0..1	Decimal
<b>VatInfo</b>	<b>VAT which are calculated on the charge</b>	<b>K</b>	<b>0..1</b>	<b>VatInfoType</b>

Name of XML-element		Description	Req.	Repetition	Type
	VatPercent	Vat-percent: (e.g. 0, 7, 11 or 25)	K	0..1	Decimal
	VatBaseAmount	The total basis for VAT calculation for this particular rate	K	0..1	Decimal
	VatAmount	Amount for the particular rate	K	0..1	Decimal
	CalculationSequence	Sequence for calculation if more than one discount (not relevant for totals)	K	0..1	String
	<b>ActualPayment</b>	<b>To be used if payment shall be done in a different currency than invoiced amount.</b>	<b>K</b>	<b>0..1</b>	<b>Decimal</b>
	@Currency	ISO Alpha Code (3 characters) ISO 4217	K	0..1	String
	@integerValue	Integer value of real amount	K	0..1	Integer
	@decimalValue	Decimal value of real amount	K	0..1	-nteger
	@modulus	Modulus code	K	0..1	String

## Appendix 1: Example of an invoice file

The example shows an invoice sent from Invoice Issuer AS, PO Box 234, 0253 OSLO using a bank that is connected to a service provider to the Recipient Company AS, PO Box 12, 1370 ASKER that is using a bank that is linked to another service provider.

```
<?xml version="1.0" encoding="UTF-8"?>
<Interchange xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.e2b.no/XMLSchema"
xsi:schemaLocation="http://www.e2b.no/XMLSchema H:\e2b_Invoice_v3p3\Schema\e2b_Invoice_Interchange_v3p3.xsd">
  <Invoice MessageVersion="3.3" MessageOwner="e2b" MessageType="Invoice">
    <MessageTimestamp>2008-09-16T09:30:47.0Z</MessageTimestamp>
    <NumberOfLines>1</NumberOfLines>
    <InvoiceHeader>
      <InvoiceType codetext="Faktura">380</InvoiceType>
      <InvoiceStatus codetext="Original">9</InvoiceStatus>
      <InvoiceNumber>92345</InvoiceNumber>
      <InvoiceDate>2008-04-13</InvoiceDate>
      <Supplier>
        <PartyId schemeId="efakturaId" schemeName="efakturaId" schemeAgencyName="ESSENOKX">ESSENOKX-
NO0015020012345</PartyId>
        <Name>Fakturautsteder AS</Name>
        <PostalAddress>
          <Address1>Postboks 234</Address1>
          <PostalCode>0203</PostalCode>
          <PostalDistrict>Oslo</PostalDistrict>
          <CountryCode>NO</CountryCode>
        </PostalAddress>
        <ContactPerson>
          <Name>Ole Olsen</Name>
        </ContactPerson>
        <OrgNumber>987654321</OrgNumber>
        <VatId>MVA987654321NO</VatId>
        <Department>IT</Department>
        <AccountInformation>
          <AccountNumber>5005051234</AccountNumber>
        </AccountInformation>
        <ProjectRef>Project1</ProjectRef>
      </Supplier>
    </InvoiceHeader>
  </Invoice>
</Interchange>
```

```
<ContractNumber>54125412</ContractNumber>
</Supplier>
<Buyer>
  <PartyId schemeId="efakturaId" schemeName="" schemeAgencyName="ESSENOKX">ESSENOKX-NO000000000000</PartyId>
  <Name>Mottakerbedrift AS</Name>
  <PostalAddress>
    <Address1>Postboks 12</Address1>
    <PostalCode>1370</PostalCode>
    <PostalDistrict>ASKER</PostalDistrict>
    <CountryCode>NO</CountryCode>
  </PostalAddress>
  <ContactPerson>
    <Name>Hanne Hansen</Name>
  </ContactPerson>
  <OrgNumber>998877665</OrgNumber>
  <VatId>MVA998877665NO</VatId>
</Buyer>
<InvoiceReferences>
  <BuyersOrderNumber>54321</BuyersOrderNumber>
  <BuyersOrderDate>2008-04-10</BuyersOrderDate>
  <DeliveryTerms>Fritt levert pr. bil</DeliveryTerms>
  <DeliveryDate>2008-04-11</DeliveryDate>
</InvoiceReferences>
<Payment>
  <DueDate>2008-09-28</DueDate>
  <Currency>NOK</Currency>
  <KidNumber>123456789</KidNumber>
  <PaymentTerms>14 dager</PaymentTerms>
  <PaymentDiscount>
    <DiscountPercent>2</DiscountPercent>
    <DiscountDays>10</DiscountDays>
  </PaymentDiscount>
  <OverDuePercent>2.5</OverDuePercent>
</Payment>
<Attachments>String</Attachments>
</InvoiceHeader>
<InvoiceDetails>
```

```
<BaseItemDetails>
  <Level>1</Level>
  <SuppliersProductId>55555</SuppliersProductId>
  <Description>Product1</Description>
  <UnitPrice>2.5</UnitPrice>
  <PriceType>AAB</PriceType>
  <LineItemPreDiscountAmount>12.5</LineItemPreDiscountAmount>
  <LineItemAmount>10</LineItemAmount>
  <QuantityInvoiced>5</QuantityInvoiced>
  <UnitOfMeasure>Stk</UnitOfMeasure>
  <VatInfo>
    <VatPercent>25</VatPercent>
    <VatBaseAmount>11</VatBaseAmount>
    <VatAmount>2.75</VatAmount>
  </VatInfo>
  <TaxInfo>
    <Description>Miljøavgift</Description>
    <Percent>10</Percent>
    <BaseAmount>10</BaseAmount>
    <Amount>1</Amount>
  </TaxInfo>
  <Discount>
    <Description>Konsern</Description>
    <Percent>20</Percent>
    <BaseAmount>12.5</BaseAmount>
    <Amount>2.5</Amount>
  </Discount>
</BaseItemDetails>
</InvoiceDetails>
<InvoiceDiscountChargesAndTax>
  <InvoiceCharges>
    <Description>Frakt</Description>
    <Percent>6</Percent>
    <BaseAmount>11</BaseAmount>
    <Amount>0.66</Amount>
  <VatInfo>
    <VatPercent>25</VatPercent>
```

```
                <VatBaseAmount>0.66</VatBaseAmount>
                <VatAmount>0.17</VatAmount>
            </VatInfo>
        </InvoiceCharges>
    </InvoiceDiscountChargesAndTax>
    <InvoiceSummary>
        <InvoiceTotals>
            <LineItemTotalsAmount>11</LineItemTotalsAmount>
            <DiscountTotalsAmount>0</DiscountTotalsAmount>
            <ChargesTotalsAmount>0.66</ChargesTotalsAmount>
            <TaxTotalsAmount>0</TaxTotalsAmount>
            <GrossAmount>14.60</GrossAmount>
            <VatTotalsAmount>2.92</VatTotalsAmount>
            <NetAmount>11.66</NetAmount>
            <RoundingAmount>0.02</RoundingAmount>
        </InvoiceTotals>
        <VatTotalsInfo>
            <VatPercent>25</VatPercent>
            <VatBaseAmount>11.66</VatBaseAmount>
            <VatAmount>2.92</VatAmount>
        </VatTotalsInfo>
        <TaxTotalsInfo>
            <TaxDescription>Miljøavgift</TaxDescription>
            <TaxAmount>1</TaxAmount>
        </TaxTotalsInfo>
        <DiscountTotals>
            <Description>Rabatt</Description>
            <Amount>2.5</Amount>
        </DiscountTotals>
    </InvoiceSummary>
</Invoice>
</Interchange>
```

## Appendix 2: Advice for using the format

### 1. The use of the format

This appendix describes some of the information items in the format and gives advice about how to use the fields and what information to be placed in the field to ensure the precise distribution. The goal is that it should be easier for the invoice issuer to generate files and easier for the invoice recipient to receive files from different invoice issuers. Equal use of the different information elements prevents that the invoice recipient must analyze the files received from different issuers every time.

#### 1.1. Actors/Roles

Actor/Roles	E2b	Comment
Supplier	Supplier	Invoice Issuer - is the part that supplies the purchased goods/services and who has entered into an agreement with its bank about the role of "Invoice issuer".
Buyer	Buyer	Invoice Recipient - the part who is the customer and who has entered into an agreement with their bank about the role as "invoice recipient".
Invoice issuer	InvoiceIssuer	Invoice Sender - the part that has sent the invoice on behalf of themselves or others who have signed an agreement with their bank about the role of "Invoice issuer". May be a technical part defined in the service agreement the "Supplier" has signed with its bank.
Invoice receiver	Invoicee	Invoice Recipient - the part that receives the invoice on behalf of themselves or others and who have signed an agreement with their bank about the role as "Invoice issuer". May be a technical part defined in the service agreement the "Buyer" has signed with its bank.
Factoring	Factoring	Factoring - the part that shall receive the payment from the buyer / invoice recipient.

#### 1.2. Use of fields in relation to references

Invoice issuer and invoice recipient needs to enter the various references in the invoice when communicating with each other. This may for instance be related to a customer number, an order number or project number. In those cases where the reference has a unique field in e2b format (eg. order number) the specific field shall be used. But for other required references this is not the case. The table below shows some references that have no unique field in the e2b format. For these references, the banks recommend the following use:

Type of reference	Recommended use in the common bank IG	Comments
Customer number	The invoice issuer's customer number for invoice receiver: InvoiceHeader/Buyer/Ref where the Code = "CustomerNumber" and Text contains the actual customer number	
Supplier number	The invoice issuer's supplier number at the invoice receiver: InvoiceHeader/Supplier/Ref where the Code = "SupplierNumber" and Text contains the value for the supplier number.	The supplier number identifies the supplier in the buyers internal systems.
Our reference (invoice issuer)	InvoiceHeader/Supplier/Ref where the Code = "OurReference" and Text contains the value for "Our reference".	
Your reference (invoice receiver)	InvoiceHeader/Buyer /Ref where the Code = "YourReference" and Text contains the value for "Your reference".	
Payment reference that is not a Norwegian KID	InvoiceHeader/Ref where the Code = "PaymentReference" and Text contains the value for the "Payment reference".	The Norwegian KID shall be given in "InvoiceHeader/Payment/KidNumber." The field is also used in relation with cross border invoicing. Note that information that is given in other unique fields in the format shall NOT be duplicated in this field (Payment reference).
AvtaleGiro (B2C) (invoice receiver)	InvoiceHeader/Buyer /Ref where the Code = "AvtaleGiro"	This is used for the B2C solution in Norway to indicate that this is an "AvtaleGiro".
Property identification number (Gårds- og bruksnummer.)	InvoiceHeader/Buyer /Ref where the Code = "GaardsBruksNr" and Text contains the value for the property identification number (gårds- og bruksnummer).	
Internet address (Link)	InvoiceHeader/Supplier/Ref where the Code equals "Linknr" (for identify viewing etc.) and the linktext is the URL (eg. http://www.test.no).	

The principle for the use of "Ref"-fields should also be followed for other references that do not have an unique field in the format.

---

### 1.3. Special fields and industry specific solutions

It is many types of businesses that have "special fields". Industry specific fields gives for example insurance number, meter identification, card number, property identification number etc. Even if there is industry specific extensions for many of these special fields, there is very few invoice receivers that have implemented solutions in their systems for receiving and process these industry specific extensions.

Therefore, it is recommended that any invoice issuers use of industry specific fields is agreed with the respective invoice receiver. If it is not possible to make an agreement or the invoice receiver cannot receive a business specific extension, it is recommended that the "special field" information is put into the general "Ref"-fields. In the e2b format (InvoiceHeader/Ref), this recommends to be used as follows:

Example.:

```
<Ref>
  <Code>card number</Code>
  <Text>40061001</Text>
</Ref>
```

Note! It is important to limit the number of "Ref"-fields to a minimum. All information elements that can be put in unique fields in the e2b standard, shall not be put in the general "Ref"-field.

It is recommended that the invoice receiver always makes ready space for additional Ref fields in their style sheet so they can view any additional references that may be given in the invoice.

## 1.4. Levels

The general use of Levels will be as follows:

- Level 1 is the least detailed product line level (Summary) and Level 4 is the most detailed level ("productline").
- Level 2 and 3 is used for specifying different groupings.
  - Level 1 is summary of all the following Levels 2, 3 and 4.
    - Level 2 is summary of all the following Levels 3 and 4.
      - Level 3 is summary of Level 4.
        - Level 4 is the actual product lines.

Note: For energy invoice (LineOfBusiness=7), only Level 1 and Level 2 is used for product lines, and Level "Maalerstand" is used for reporting meter stand (B2C).

Level	Beskrivelse			
1	Prosjekt1			
2	Underprosjekt1			
3		Aktivitet1		
4		Varelinje	100	
4		Varelinje	300	
4		Varelinje	150	
4		Varelinje	900	
4		Varelinje	17709	
		<b>Sum Aktivitet1</b>		<b>19159</b>
3		Aktivitet2		
4		Varelinje	12838	
4		Varelinje	4777	
4		Varelinje	977	
4		Varelinje	1666	
4		Varelinje	98656	
		<b>Sum Aktivitet2</b>		<b>118914</b>
	<b>Sum Underprosjekt1</b>			<b>138073</b>
2	Underprosjekt2			
3		Aktivitet1		
4		Varelinje	998181	
4		Varelinje	12333	
4		Varelinje	98811	
4		Varelinje	1828	
4		Varelinje	15000	
		<b>Sum Aktivitet1</b>		<b>1126153</b>
3		Aktivitet2		
4		Varelinje	8532	
4		Varelinje	480	
4		Varelinje	5327	
4		Varelinje	60482	
4		Varelinje	1	
		<b>Sum Aktivitet2</b>		<b>74822</b>
	<b>Sum Underprosjekt2</b>			<b>1200975</b>
	<b>Sum prosjekt1</b>			<b>1339048</b>

Kode example:

```
<InvoiceDetails>
  <BaseItemDetails>
    <Level>1</Level>
    <Description>Prosjekt</Description>
    <LineItemAmount>100</LineItemAmount>
  </BaseItemDetails>
  <BaseItemDetails>
    <Level>2</Level>
    <Description>Underprosjekt</Description>
    <LineItemAmount>100</LineItemAmount>
  </BaseItemDetails>
  <BaseItemDetails>
    <Level>3</Level>
    <Description>Aktivitet</Description>
    <LineItemAmount>100</LineItemAmount>
  </BaseItemDetails>
  <BaseItemDetails>
    <Level>4</Level>
    <Description>Tjeneste 1</Description>
    <LineItemAmount>50</LineItemAmount>
  </BaseItemDetails>
  <BaseItemDetails>
    <Level>4</Level>
    <Description>Tjeneste 2</Description>
    <LineItemAmount>50</LineItemAmount>
  </BaseItemDetails>
</InvoiceDetails>
```

## 1.5. Consolidated Invoice

The term "Consolidated invoice" is used for different types of invoices:

- The e2b format, implies that an invoice only has ONE (1) order number since order number is defined at the invoice level and not at the row level. If it is not necessary to include the order number, it is possible to give on order per row (InvoiceDetails/BaseItemDetails) in the invoice. An example is pizza deliveries where each delivery (order) in a certain period of time or to a specific department can be specified as one row in an invoice.
- A consolidated invoice that demands the use of sub rows (InvoiceDetails/BaseItemDetails/SubInvoice) should not be used/distributed. Instead, it is recommended that Levels is used, as specified in chapter 1.4 above.
- For the energy industry, it is only permitted one Meter ID (MålerpunktID) per invoice.

### 1.6. Postal and street address

In those cases when the format contains both a postal address and a street address, it will be the postal address that is selected when mapping the information to other systems and in the case of printing. It is therefore recommended that the postal address is used if the format gives an option.

In e2b, address 1, 2 and 3 is used. It is not stated in the format what part of the address is to be given in the different line. In this solution, the following rule is followed:

- Address 1 is the street address (ex. Firmaveien 12)
- Address 2 is optional.
- Address 3 is used for the post box address (ex. Postboks 123 Solli).