



NOTIFICATION SERVICE GUIDELINES

Version 2.01
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FK | Finanssialan Keskusliitto
FC | Finansbranschens Centralförbund
FFI | Federation of Finnish Financial Services



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1. General

The Sender (Invoicer) informs Customers using a bank's web bank or web payment service of the Sender's invoicer information by means of a FinvoiceSenderInfo message.

The Sender (Invoicer) sends the invoicer information intended for each Service Provider using the FinvoiceSenderInfo message via its Service Provider. The SenderInfo messages can be created using the software available on the Federation website www.finvoice.info. The receiving Service Provider routes the message to Service Providers on the basis of the address in the message frame.

The Service Provider makes the information available for the Customer in the web bank or web payment service. If the Sender (Invoicer) supports the direct payment service for Customers who do not use the web bank, the information is also available to these Customers. The information on the Customer's address is forwarded to the Sender (Invoicer) by means of a FinvoiceReceiverInfo message.

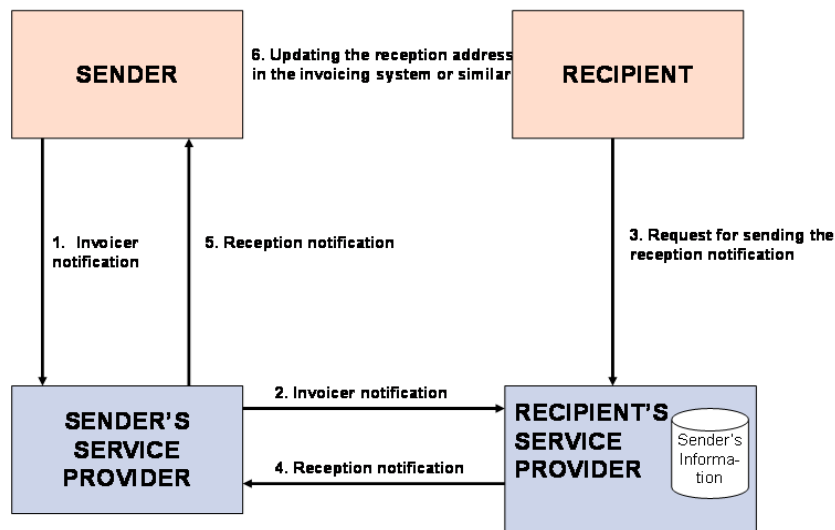
The FinvoiceReceiverInfo message contains the FinvoiceSenderInfo message information with the invoice recipient's information. In addition, the message contains the specification data requested by the Sender, for example the Customer number and reference. The Invoicer must ensure that the specification data and the invoice reference are checked when allocating the invoice.

The ReceiverProposal message is used when the Sender asks for the Customer's e-invoice address.

The messages are embedded in SOAP frames as specified in the Finvoice implementation guidelines. The identifiers of the Sender and Intermediator located in the 'From' element must correspond with the InvoiceSenderAddress and InvoiceSenderIntermediatorAddress in the message.

The Sender must have a Finvoice forwarding service agreement with its Service Provider. The Sender's Service Provider shall write the Sender's name in the SellerOrganisationBankName element of the FinvoiceSenderInfo message.

The FinvoiceSenderInfo and the FinvoiceReceiverInfo transactions can be viewed in a browser by using the XSL files.



- 1.–2. The Sender sends an Invoicer Notification to the Recipient's bank or web payment service via his own Service Provider.
3. At the Customer's web bank or web payment service, the Customer requests that the Reception Address (or a change to it) is forwarded to the Sender.
4. The Recipient's Service Provider sends the Reception Notification to the Sender's Service Provider.
5. The Sender's Service Provider makes the Reception Notification available to the Sender.

The Sender updates the address and delivers invoices as Finvoice messages to the Recipient. If the Sender is unable to allocate the Reception Notification with certainty, it shall be rejected.

2. Message types in the notification service

The Invoicer sends Invoicer Notification (SenderInfo) and ReceiverProposal messages. At the Customer's request, the Customer's Service Provider creates a ReceiverInfo message, which tells the Invoicer the Customer's electronic invoicing address.

The ReceiverProposal can be used in customer service. In this case the Invoicer creates a ReceiverProposal for the Customer, who then approves it in their web bank or web payment service. After this approval the Invoicer gets the Customer's electronic invoicing address.



3. Schema validation

The Notification Service Guidelines and the dtd, xsd and xsl files required in the formal verification of invoices are publicly available at FFI's finvoice.info website.

The terminology used in the Guidelines has been specified in the Service Description of the Finvoice Forwarding Service. All messages used in the Finvoice service must be compliant with the schema and *validated before the material is sent*. It is the software developer's responsibility that the electronic invoices and notifications created by the software are schema-compliant. The bank checks the message version against the schema, and the reference must be to an xsd file.

```
<FinvoiceSenderInfo xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="FinvoiceSenderInfo.xsd" Version="2.0">
```

```
<FinvoiceReceiverInfo xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="FinvoiceReceiverInfo.xsd" Version="2.0">
```

```
<ReceiverProposal xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="ReceiverProposal.xsd" Version="1.0">
```

4. Message changes

The ADD code is used when a new Invoicer Notification or Reception Notification is made. The ADD code is always used for ReceiverProposals.

The CHANGE code is used to make changes to Invoicer Notification, e.g. to the Invoicer's account numbers. All information to be retained must be sent using the CHANGE message (changed and unchanged information). The CHANGE message information replaces the previously sent information. If the Invoicer moves to a new Service Provider, the change must be made through the old Service Provider.

DELETE removes the Invoicer Notification and at the same time ends all Reception Notifications related to the Invoicer Notification.

| Message type | Available codes |
|---------------------|---------------------|
| SI SenderInfo | ADD, CHANGE, DELETE |
| RI ReceiverInfo | ADD, CHANGE, DELETE |
| RP ReceiverProposal | ADD |

5. The use of data elements

All data elements and their length, occurrence and use are described in the data list. The list can be found at the FFI's <http://finvoice.info> website.

6. The SenderInfo message (SI)

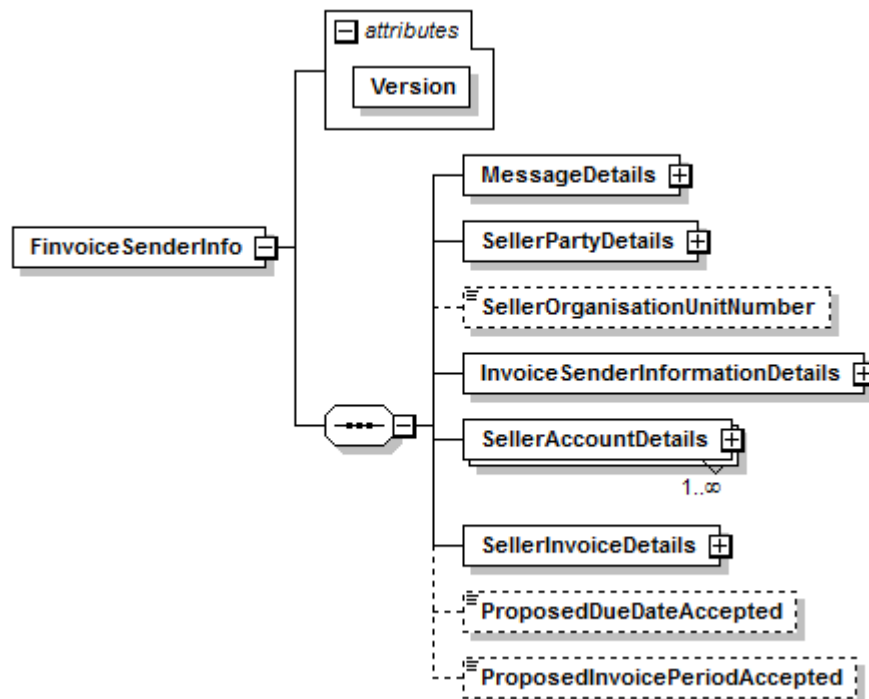
6.1 SenderInfo messages

The first notification by a Sender (Invoicer) is always creating a new notification (ADD). The Invoicer notification shall be delivered to web bank Customers according to the schedule stated in the Finvoice general terms and conditions. If the Sender supports the direct payment service for Customers who do not use the web bank, the information is also available to these Customers.

When information is changed, the Invoicer must make the change by sending a message with the CHANGE code via the contracting bank whose BIC code has been provided with the previous message. The CHANGE message information replaces the previously sent information, so all information (changed and unchanged) must be included.

The information sent using CHANGE and DELETE codes shall be matched with the previously sent notification using the InvoiceSenderAddress, InvoiceSenderIntermediatorAddress and PaymentInstructionIdentifier fields; their content must be the same as in the previously sent notification. If the notification to be changed or removed is not found, the message shall be rejected.

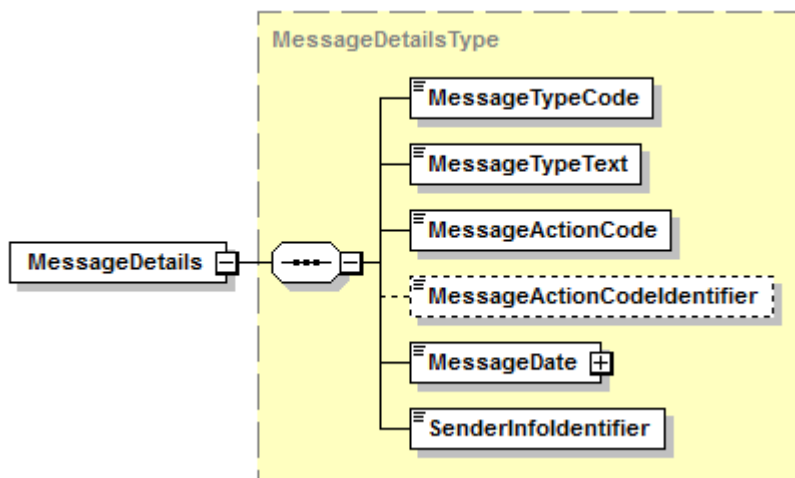
When the Invoicer sends a SenderInfo message with the code DELETE, all of the Customer's Reception Notifications (ReceiverInfo messages) related to it and any possible web payment service orders related to these cease to be valid. The Invoicer shall notify the Customer that the service has terminated.





| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|---------------------------|---|--------------|--------|--------|---|
| Root | FinvoiceSenderInfo | S | Aggr. | | 1 | FinvoiceSenderInfo |
| | Attribute: Version | S | Enum. | | 1 | 1.0, 2.0 Service providers validate version 2 messages and receiver proposals. |

6.2 MessageDetails

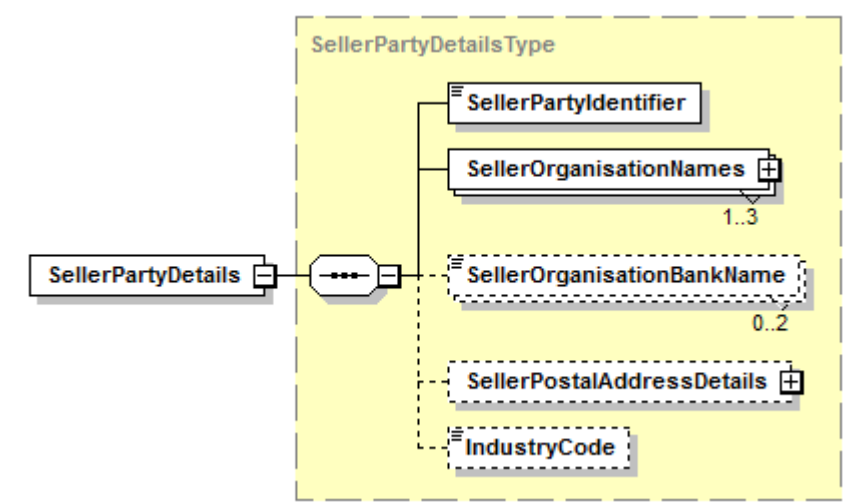


| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|-----------------------|---|--------------|--------|--------|---|
| 1 | MessageDetails | S | Aggr. | | 1 | |
| 2 | MessageTypeCode | S | string | | 1 | SENDERINFO SenderInfo is from the Invoicer to the Recipient |
| 2 | MessageTypeText | S | string | 0..35 | 1 | INVOICER NOTIFICATION |
| 2 | MessageActionCode | S | Enum. | | 1 | ADD,CHANGE, DELETE Describes purpose of the message: new message created (ADD), existing message changed (CHANGE) or deleted (DELETE). When the Invoicer sends a SenderInfo message with the code DELETE, all related ReceiverInfo messages and potential automatic payment orders are also deleted. The Invoicer shall notify the Customer that the service has terminated. |



| | | | | | | |
|---|-----------------------------|---|--------|-------|------|--|
| 2 | MessageActionCodeIdentifier | S | Enum. | | 0..1 | 00=new or normal 01=CONVERSION, 02=MAINTENANCE If information is missing, interpreted as 00. (Value 02 only in use of service providers) |
| 2 | MessageDate | S | date | 8 | 1 | CCYYMMDD |
| 2 | SenderInfoIdentifier | S | string | 1..48 | 1 | A unique identifying code/identifier for the message for the Invoicer's own use. RP message must have the same information as SI |

6.3 SellerPartyDetails



| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|--------------------------------|---|--------------|--------|--------|--|
| 1 | SellerPartyDetails | S | Aggr. | | 1 | |
| 2 | SellerPartyIdentifier | S | string | 1..48 | 1 | Business ID that identifies the Invoicer |
| 2 | SellerOrganisationNames | S | Aggr. | | 1..3 | |
| | Attribute: LanguageCode | S | Enum. | | 1 | FI, SV, SE, EN |
| 3 | SellerOrganisationName | S | string | 2..70 | 1..2 | |



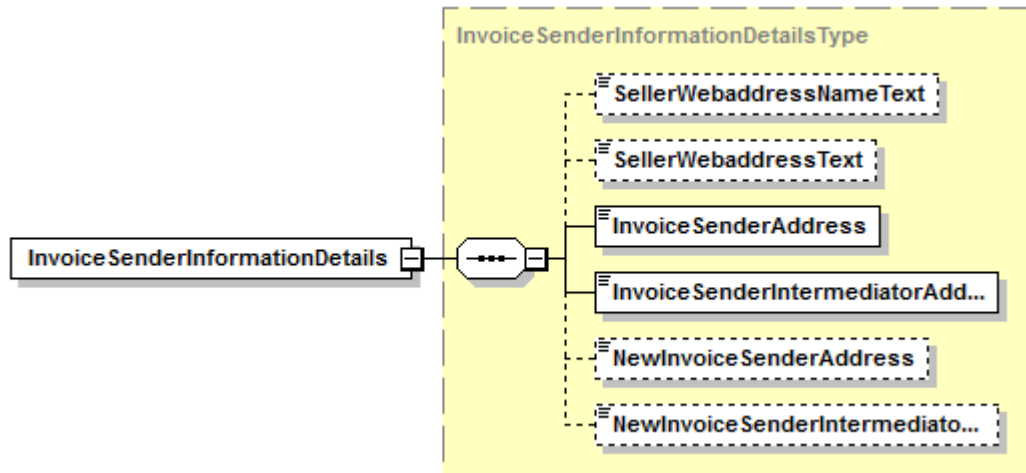
| | | | | | | |
|---|-----------------------------------|---|--------------|-------|------|--|
| 2 | SellerOrganisationBankName | S | string | 2..35 | 0..2 | Sender's name in the bank's system. The Sender's bank will add the name information on the agreement (official name). The Invoicer's Service Provider fills in the official name registered in the Service Provider's system and forwards it to other Service Providers using SenderInfo messages. |
| 2 | SellerPostalAddressDetails | S | Aggr. | | 0..1 | |
| 3 | SellerStreetName | S | string | 2..35 | 1 | Street address |
| 3 | SellerTownName | S | string | 2..35 | 1 | City |
| 3 | SellerPostCodeIdentifier | S | string | 1..48 | 1 | Sender's postal code |
| 3 | CountryCode | S | nmtoken | 2 | 0..1 | Sender's country code as an ISO code |
| 3 | CountryName | S | string | 2..35 | 0..1 | Sender's country |
| 3 | SellerPostOfficeBoxIdentifier | S | string | 1..48 | 0..1 | Sender's P.O. Box |
| 2 | IndustryCode | S | string | 0..6 | 0..1 | Code for the Invoicer's line of business. The Service Provider can use the code to group Invoicer Notifications according to different lines of business in its own service. The code must be in accordance with TOL 2008 classification. |

6.4 SellerOrganisationUnitNumber

| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|------------------------------|---|--------|--------|--------|---------------------------------|
| 1 | SellerOrganisationUnitNumber | S | string | 5..35 | 0..1 | Information is returned with RI |



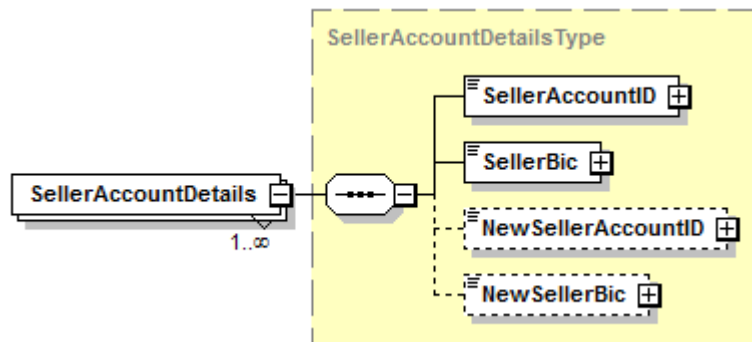
6.5 InvoiceSenderInformationDetails



| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|---------------------------------|---|--------|--------|--------|---|
| 1 | InvoiceSenderInformationDetails | S | Aggr. | | 1 | Other information connected to the Sender |
| 2 | SellerWebaddressNameText | S | string | 0..70 | 0..1 | Text in the Web address |
| 2 | SellerWebaddressText | S | string | 0..512 | 0..1 | Sender's Internet address |
| 2 | InvoiceSenderAddress | S | string | 0..35 | 1 | <p>The Sender's sending address. The address must be the same as the sending address in the SOAP frame. If the sending address is changed, the field contains the previous sending address.</p> <p>The electronic invoicing address and the Service Provider's identifier to which the Sender (Invoicer) receives notifications from the users of web bank or web payment services. The address must be equal to the sending address in the invoicer notification frame. The sending address is always the same as the sending address of the actual Finvoice messages. The electronic invoicing address is given without any spaces.</p> |

| | | | | | | |
|---|--------------------------------------|---|---------|-------|------|---|
| 2 | InvoiceSenderIntermediatorAddress | S | nmtoken | 8..11 | 1 | The address of the Service Provider used by the sender. Intermediator code. |
| 2 | NewInvoiceSenderAddress | S | string | 0..35 | 0..1 | <p>The new sending address of the Sender's electronic invoice that is used to replace the old address. The new electronic invoicing address provided by the Sender (Invoicer). These elements shall be filled if the electronic invoicing address and/or the Service Provider's identifier earlier entered by the Sender are changed after the invoicer notification has been sent.</p> <p>The changes in the electronic invoicing address of Invoicer Notification and Service Provider must be sent via the Service Provider who is the Service Provider of the previous notification. The old electronic invoicing address must be used in the InvoiceSenderAddress element and the old Service Provider identifier in the element InvoiceSenderIntermediatorAddress</p> |
| 2 | NewInvoiceSenderIntermediatorAddress | S | nmtoken | 8..11 | 0..1 | The new address of the Service Provider used by the Sender, Intermediator code that is used to replace the old address |

6.6 SellerAccountDetails





| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|-------------------------------------|---|--------------|--------|--------|---|
| 1 | SellerAccountDetails | S | Aggr. | | 1..n | Sender's bank contact data (repeating aggregate) |
| 2 | SellerAccountID | S | string | 0..35 | 1 | Sender's bank account number in IBAN format. The Invoicer shall enter all the account numbers to which the Invoicer receives bank transfers from its customers. Each account number is entered only once. The IBAN format for bank accounts is mandatory. The Service Provider will offer the possibility to transition to e-invoices when a paper invoice is paid, on the basis of the account number. The account numbers that are used for paper invoice and e-invoice must be included in the invoicer notification |
| | Attribute: IdentificationSchemeName | S | Enum. | | 1 | IBAN |
| 2 | SellerBic | S | string | 8..11 | 1 | Sender's BIC (8 or 11 digits) |
| | Attribute: IdentificationSchemeName | S | string | | 1 | BIC |
| 2 | NewSellerAccountID | S | string | 0..35 | 0..1 | Sender's bank account number in IBAN format. The information that replaces the SellerAccountID |
| | Attribute: IdentificationSchemeName | S | Enum. | | 1 | IBAN |
| 2 | NewSellerBic | S | string | 8..11 | 0..1 | Sender's BIC (8 or 11 digits) |
| | Attribute: IdentificationSchemeName | S | string | | 1 | BIC |

6.6.1 SellerAccountID

SellerAccountID elements contain the Invoicer's account numbers in IBAN format. It is advisable to include all the account numbers to which the Invoicer receives bank transfers from its Customers, as the Service Provider may offer the possibility of transitioning to e-invoices when a paper invoice is paid, on the basis of the account number. Account numbers that are disclosed using the Invoicer Notification message do not affect which of the Invoicer's accounts the payments specified in the e-invoice are paid on.



Some Service Providers may check that the account number in the ePi part of the invoice arriving in the web bank or web payment service corresponds to the account numbers specified in the Invoicer Notification.

The BICs of the accounts must be given in addition to the IBAN format account numbers. Not obligatory for ReceiverProposal message.

6.6.2 New SellerAccountID

Will be used in the message sent with the CHANGE code. The Sender will specify all valid account numbers that will be used to replace the information previously provided in the SellerAccountID elements. Thus, the Sender will provide both changed and unchanged account numbers.

NewSellerAccountID elements must always be included in CHANGE messages. Even if some other information besides the account number is changed (for example the street address), all valid account numbers must be filled in the SellerAccountID and NewSellerAccountID elements.

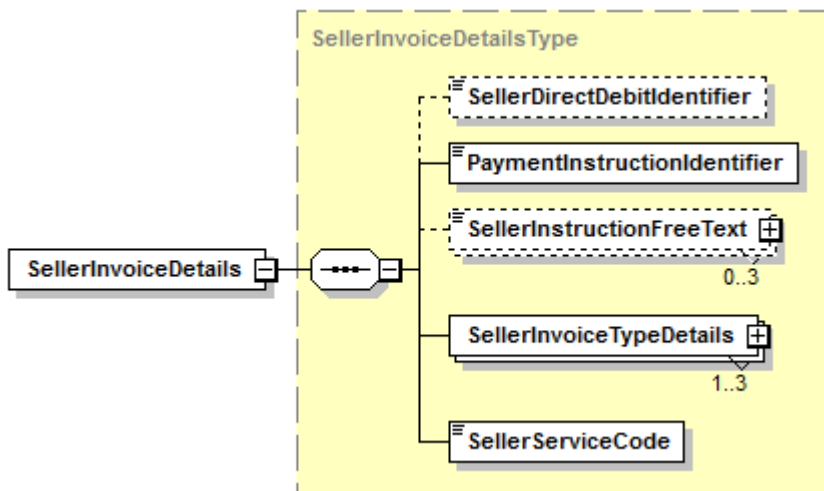
The following table lists different situations in which the CHANGE code can be used and illustrates the use of message elements.

| Usage situation | Original ADD notification | CHANGE notification |
|---------------------------------------|--|--|
| 1. Old bank account number is changed | Element SellerAccountID: Bank account number 1 Bank account number 2 Bank account number 3 | Element SellerAccountID: Bank account number 1 Bank account number 2 Bank account number 3 Element NewSellerAccountID: Bank account number 1 Bank account number 2 (changed information entered) Bank account number 3 |
| 2. New bank account number is added | SellerAccountID: Bank account number 1 Bank account number 2 Bank account number 3 | SellerAccountID: Bank account number 1 Bank account number 2 Bank account number 3 Bank account number 4 (added bank account) |



| | | |
|--|--|---|
| | | <p>NewSellerAccountID:</p> <p>Bank account number 1 Bank account number 2 Bank account number 3 Bank account number 4 (added bank account)</p> |
| <p>3. Removing a bank account number</p> | <p>SellerAccountID:</p> <p>Bank account number 1 Bank account number 2 Bank account number 3</p> | <p>SellerAccountID:</p> <p>Bank account number 1 Bank account number 2 Bank account number 3</p> <p>NewSellerAccountID:</p> <p>Bank account number 1 Bank account number 2 (bank account number 3 has been deleted)</p> |

6.7 SellerInvoiceDetails





| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|------------------------------|---|--------------|--------|--------|---|
| 1 | SellerInvoiceDetails | S | Aggr. | | 1 | |
| 2 | SellerDirectDebitIdentifier | S | string | 0..35 | 0..1 | Not in use |
| 2 | PaymentInstructionIdentifier | S | string | 1..35 | 1 | An identifier specified by the sender that is used to identify the reason for payment, not displayed to the customer. Shall be forwarded in the ePI part of Finvoice in element EpiPaymentInstructionId to enable automatic payment. |
| 2 | SellerInstructionFreeText | S | string | 1..420 | 0..3 | <p>Sender's instructions for the invoice recipient. 420 characters per language code. The same language code may only be used once.</p> <p>The instructions provided by the Sender (Invoicer) to the Customer. It is recommended that the instructions include e.g. the time required by the invoicer to transfer to the e-invoice or special requirements for the specification data provided by the Customer. The Invoicer must send the message with all language codes (FI, SV, EN), so that the Service Provider can display the information in the Customer's own service language.</p> <p>If the Sender has any exceptions related to delivering an e-invoice, for example if some invoices cannot be delivered as e-invoices, it should be told to the Recipient in this field.</p> |
| | Attribute: LanguageCode | S | Enum. | | 0..1 | FI, SV, SE, EN |



| | | | | | | |
|---|---------------------------------|---|--------|-------|------|--|
| 2 | SellerInvoiceTypeDetails | S | Aggr. | | 1..3 | <p>The SENDERINFO message must include the SellerInvoiceTypeDetails data group. The Sender requests the necessary identifying information in the SellerInvoiceIdentifier field in this group in order to specify the type of invoicing (e-invoice/paper). It is recommended that the Invoicer always includes all the languages with which the Service Provider, who is the target of the invoicer notification, serves its Customers.</p> <p>If the data group is not provided in Finnish, the Service Provider may reject the message.</p> |
| 3 | SellerInvoiceTypeText | S | string | 0..35 | 0..1 | <p>A text corresponding to the identifier specified by the Sender (PaymentInstructionIdentifier). Mandatory in SI message</p> <p>The reason for payment in text form that is displayed to the user of a web bank or web payment service (for example a telephone or heating bill).</p> <p>The Invoices must send the message with all language codes (FI, SE, EN) so that the Service Provider can display the information to its Customer in the language the Customer has chosen.</p> |
| | Attribute: LanguageCode | S | Enum. | | 1 | FI, SV, SE, EN |
| 3 | SellerInvoiceIdentifierText | S | string | 4..70 | 1..2 | <p>The unique identifier of the Payer required by the Sender, in text. One language code may have 2 identifiers. Use of another identifier along with the reference number is recommended. Reference number and e.g. personal identification code or customer number.</p> |
| | Attribute: LanguageCode | S | Enum. | | 1 | FI, SV, SE, EN |



| | | | | | | |
|---|--|---|---------|--|------|---|
| | Attribute: SellerInvoiceIdentifierType | S | Enum. | | 0..1 | Optional attr. reference specified with code 01=national reference number 02=international RF creditor reference 03=Finnish personal identification code with century code (+, -, A) 04=business identifier code 05=phone number in domestic format (no breaks) 06=phone number in international format (country code, etc.) 07=identifier with IBAN checksum 08=other numeric identifier 09=other alphanumeric identifier 99=other identifier |
| | Attribute: SellerInvoiceIdentifierMinLength | S | integer | | 0..1 | The minimum length, the default is 1 |
| | Attribute: SellerInvoiceIdentifierMaxLength | S | integer | | 0..1 | The maximum length, the default is 35 |
| | Attribute: SellerInvoiceIdentifierSpaces | S | boolean | | 0..1 | true, false Whether contain spaces, default false. |
| | Attribute: SellerInvoiceIdentifierHyphens | S | boolean | | 0..1 | true, false Whether contain hyphens, default false. |
| 2 | SellerServiceCode | S | Enum. | | 1 | 00, 01, 02 Invoicer states whether they offer the option of direct payment. 00= e-invoicer 01= direct payment and e-invoice 02=no new direct payment instructions |

6.7.1 SellerServiceCode

The following codes are possible in the Invoicer Notification:

| | |
|---------------------------------------|--|
| 00=e-invoicer | Invoicer only offers the option of e-invoicing. |
| 01=direct payment | Invoicer offers both e-invoice and direct payment. |
| 02=no new direct payment instructions | The invoicer offers for new customers only e-invoicing option and the Invoicer can no longer make new direct payment instructions. The invoicer can use direct payments to those consumers who previously have made a direct payment order or an order has been entered into force on migration. |



6.7.2 SellerInvoiceIdentifier

Unique identification provided by the web bank or web payment services user, with which the Sender (Invoicer) can identify the Payer in its system.

It is also possible to identify the Recipient with a reference number that the Service Provider may return in the field EpiRemittanceIdentifier.

If the Invoicer uses an attribute with unique identification, the Service Provider may check the formal validity of the Customer's information during the creation of Reception Notification. Each Service Provider shall implement the optional attributes according to their own schedule.

A plain text identifier must not conflict with an attribute.

The optional codes are:

- 01=national reference number
- 02=international RF creditor reference
- 03=Finnish personal identification code with century code (+, -, A)
- 04=business identifier code
- 05=phone number in domestic format (no breaks)
- 06=phone number in international format (country code, etc.)
- 07=identifier with IBAN checksum
- 08=other numeric identifier
- 09=other alphanumeric identifier
- 99=other identifier

6.7.2.1 SellerInvoiceIdentifier Text

The identification information of the reason for payment in text form that is displayed to the Customer (reference number and e.g. personal identification code or contract number). The use of another identifier along with the reference number is recommended in order to ascertain the invoice is matched to the correct Customer.

The Invoicer must send the message with all language codes (FI, SE, EN) so that the Service Provider can display the information to its Customer in the language the Customer has chosen.

The Service Provider can use an optional attribute to verify the formal validity of the information provided by the Customer. Each Service Provider shall implement the optional attributes according to their own schedule.

A plain text identifier must not conflict with an attribute.



6.8 ProposedDueDateAccepted and ProposedInvoicePeriodAccepted

| Level | Name of the Element | S | Type | Length | Occurs | Permitted values |
|-------|-------------------------------|---|-------|--------|--------|--|
| 1 | ProposedDueDateAccepted | S | Enum. | | 0..1 | YES, NO Whether the sender allows the payer to request a due date. |
| 1 | ProposedInvoicePeriodAccepted | S | Enum. | | 0..1 | YES, NO Whether the sender allows the payer to request an invoicing period. |

7. ReceiverInfo messages (RI)

The first notification by a Receiver is always sent as the ADD message.

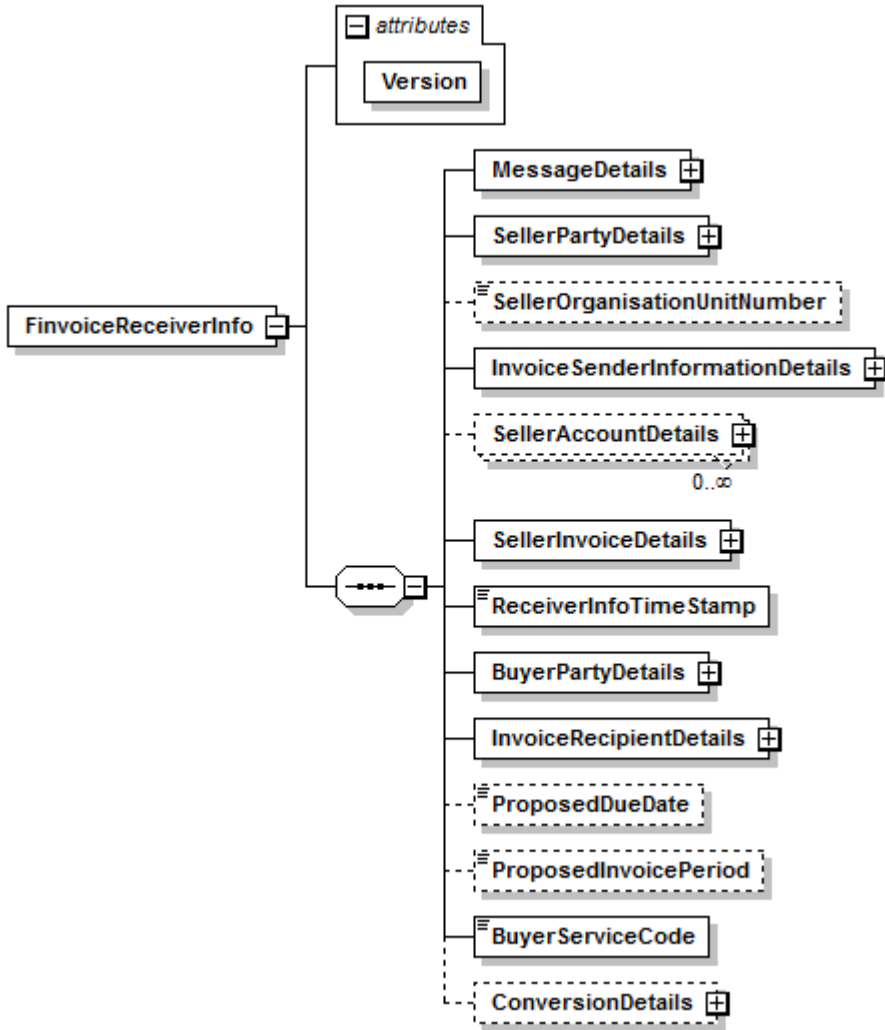
A CHANGE Reception message is used to notify the Invoicer of changes made by the Customer. If the Invoicer does not have the original ADD message, or there has been a failure in allocating it, the CHANGE message created by the Customer must be processed like an ADD message.

The Invoicer must be able to assign DELETE and CHANGE messages to the original RI message. This is done using e-invoice recipient address, reason for payment, and identification data of the e-invoice ReceiverInfo message, which contain the same information as the original RI message. It is also possible to use the MessageId information in the message frame. If both a DELETE and ADD message is received from the Customer, the Invoicer must verify whether the messages come from the same service provider. The DELETE message must be matched with the corresponding ADD message.

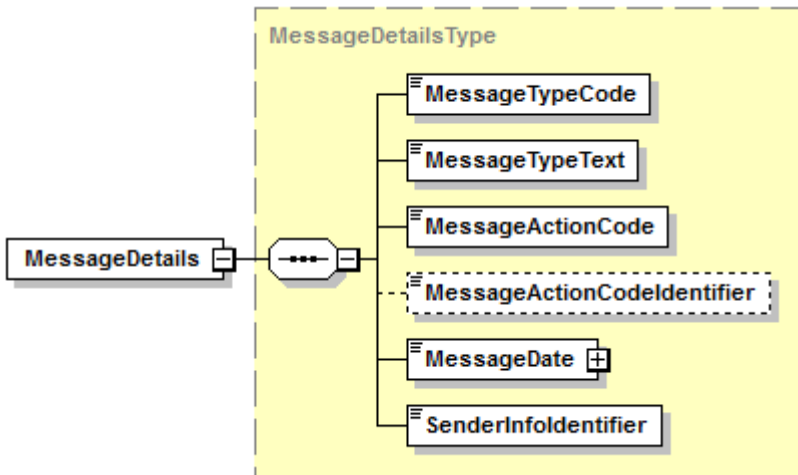
If the Customer's invoicing address changes, the Service Provider will delete the old ReceiverInfo message (DELETE) and send a new one.

When a Customer sends a ReceiverInfo message with a DELETE code, Invoices must be sent on paper or any other way to the Customer in the future.

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|---|----|-------|--------|--------|---|
| Root | FinvoiceReceiverInfo | RI | Aggr. | | 1 | FinvoiceReceiverInfo |
| | Attribute: Version RECEPTION NOTIFICATION (Vastaanottajan ilmoitus) | RI | Enum. | | 1 | 1.0, 2.0 Service providers validate version 2 messages and receiver proposals. |

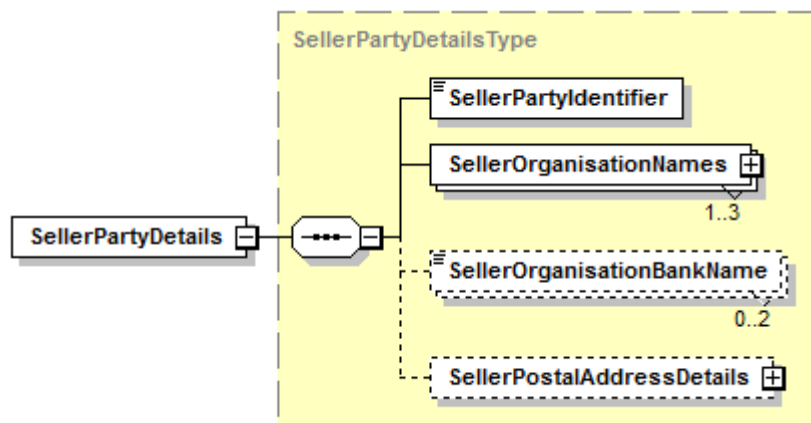


7.1 MessageDetails



| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|-----------------------------|----|--------------|--------|--------|---|
| 1 | MessageDetails | RI | Aggr. | | 1 | Basic information of the message |
| 2 | MessageTypeCode | RI | string | | 1 | RECEIVERINFO, ReceiverInfo is from the Recipient to the Invoicer. |
| 2 | MessageTypeText | RI | string | 0..35 | 1 | Text that describes the Messagetypecode that the Recipient can open in plaintext format. |
| 2 | MessageActionCode | RI | Enum. | | 1 | ADD,CHANGE, DELETE The most recent information is always valid RI values: ADD, CHANGE and DELETE |
| 2 | MessageActionCodeIdentifier | RI | Enum. | | 0..1 | 00=new or normal 01=CONVERSION, 02=MAINTENANCE If information is missing, interpreted as 00 RI values: 00,01,02 |
| 2 | MessageDate | RI | date | 8 | 1 | |
| | Attribute: Format | RI | string | | 0..1 | CCYYMMDD |
| 2 | SenderInfoIdentifier | RI | string | 1..48 | 1 | A unique identifying code/identifier for the message for the Invoicer's own use. RI message must have the same information as SI. |

7.2 SellerPartyDetails





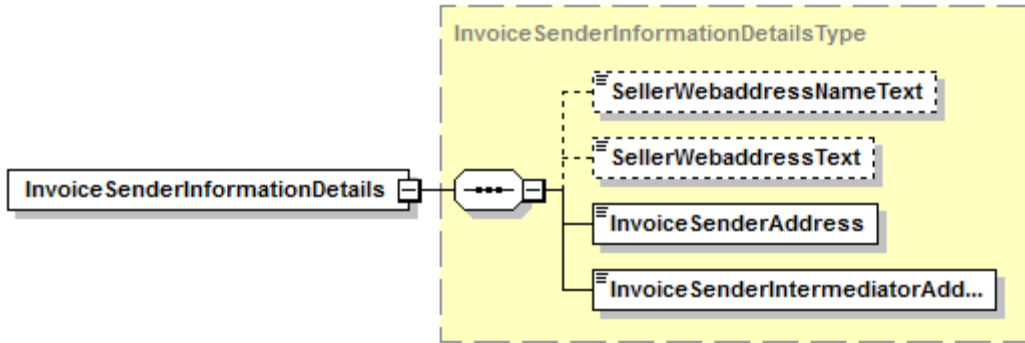
| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|-----------------------------------|----|--------------|--------|--------|--|
| 1 | SellerPartyDetails | RI | Aggr. | | 1 | |
| 2 | SellerPartyIdentifier | RI | string | 1..48 | 1 | Business ID that identifies the Invoicer |
| 2 | SellerOrganisationNames | RI | Aggr. | | 1..3 | |
| | Attribute: LanguageCode | RI | Enum. | | 1 | FI, SV, SE, EN |
| 3 | SellerOrganisationName | RI | string | 2..70 | 1..2 | |
| 2 | SellerOrganisationBankName | RI | string | 2..35 | 0..2 | The Sender's name in the bank's system. The Sender's bank will add the name information on the agreement (official name). The information on the agreement will be retrieved based on the sending address in SOAP. |
| 2 | SellerPostalAddressDetails | RI | Aggr. | | 0..1 | |
| 3 | SellerStreetName | RI | string | 2..35 | 1 | Street address |
| 3 | SellerTownName | RI | string | 2..35 | 1 | Sender's post office |
| 3 | SellerPostCodeIdentifier | RI | string | 1..48 | 1 | Sender's postal code |
| 3 | CountryCode | RI | nmtoken | 2 | 0..1 | Sender's country code as an ISO code |
| 3 | CountryName | RI | string | 2..35 | 0..1 | Sender's country |
| 3 | SellerPostOfficeBoxIdentifier | RI | string | 1..48 | 0..1 | Sender's P.O. Box |

7.3 SellerOrganisationUnitNumber

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|------------------------------|----|--------|--------|--------|---|
| 1 | SellerOrganisationUnitNumber | RI | string | 5..35 | 0..1 | Sender's complete EDI code (0037...) Sender's organisation unit, providing more detail than the official Business ID. |

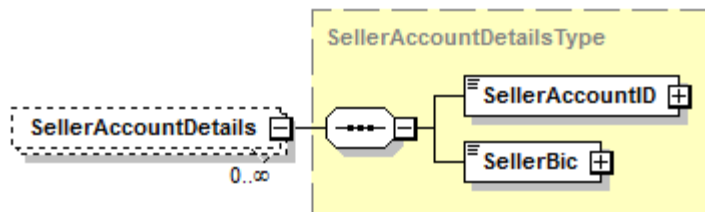


7.4 InvoiceSenderInformationDetails



| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|---------------------------------|----|--------|--------|--------|--|
| 1 | InvoiceSenderInformationDetails | RI | Aggr. | | 1 | Other information connected to the Sender |
| 2 | SellerWebaddressNameText | RI | string | 0..70 | 0..1 | Text in the Web address |
| 2 | SellerWebaddressText | RI | string | 0..512 | 0..1 | Sender's Internet address |
| 2 | InvoiceSenderAddress | RI | string | 0..35 | 1 | The Sender's sending address. The address must be the same as the sending address in the Soap frame. If the sending address is changed, the field contains the previous sending address. |

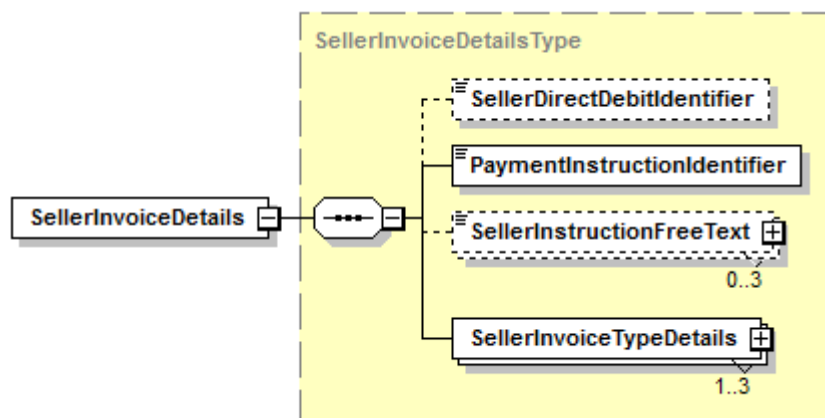
7.5 SellerAccountDetails





| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|-------------------------------------|----|--------------|--------|--------|--|
| 1 | SellerAccountDetails | RI | Aggr. | | 1..n | Sender's bank contact data (repeating aggregate) |
| 2 | SellerAccountID | RI | string | 0..35 | 1 | Sender's bank account number in IBAN format. The Invoicer shall enter all the account numbers to which the Invoicer receives bank transfers from its customers. Each account number is entered only once. The IBAN format for bank accounts is mandatory |
| | Attribute: IdentificationSchemeName | RI | Enum. | | 1 | IBAN |
| 2 | SellerBic | RI | string | 8..11 | 1 | Sender's BIC code (8 or 11 digits) |
| | Attribute: IdentificationSchemeName | RI | string | | 1 | BIC |

7.6 SellerInvoiceDetails



| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|------------------------------|----|--------------|--------|--------|--|
| 1 | SellerInvoiceDetails | RI | Aggr. | | 1 | |
| 2 | SellerDirectDebitIdentifier | RI | string | 0..35 | 0..1 | Not in use |
| 2 | PaymentInstructionIdentifier | RI | string | 1..35 | 1 | An identifier specified by the sender that is used to identify the reason for payment. Shall be forwarded in the ePI part of Invoice in element EpiPaymentInstructionId. |



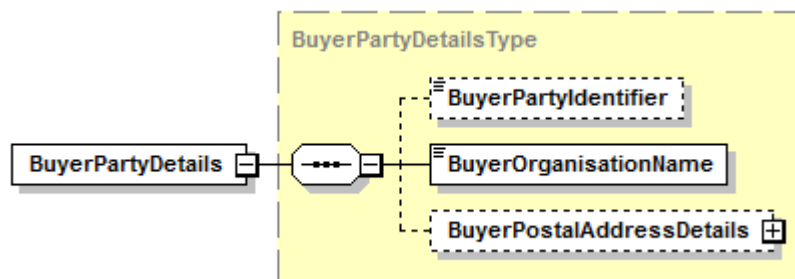
| | | | | | | |
|---|---|----|---------|--------|------|--|
| 2 | SellerInstructionFreeText | RI | string | 1..420 | 0..3 | Sender's instructions for the invoice recipient. The same language code may only be used once. |
| | Attribute: LanguageCode | RI | Enum. | | 0..1 | FI, SV, SE, EN |
| 2 | SellerInvoiceTypeDetails | RI | Aggr. | | 1..3 | |
| 3 | SellerInvoiceTypeText | RI | string | 0..35 | 0..1 | A text corresponding to the identifier specified by the Sender (PaymentInstructionIdentifier). |
| | Attribute: LanguageCode | RI | Enum. | | 1 | FI, SV, SE, EN |
| 3 | SellerInvoiceIdentifierText | RI | string | 4..70 | 1..2 | The unique identifier of the Payer required by the Sender, in text. One language code may have 2 identifiers. Use of another identifier along with the reference number is recommended. Reference number ang e.g. personal identification code or customer number. |
| | Attribute: LanguageCode | RI | Enum. | | 1 | FI, SV, SE, EN |
| | Attribute: SellerInvoiceIdentifierType | RI | Enum. | | 0..1 | 01, 02, 03, 04, 05, 06, 07, 08, 09, 99 Optional attr. reference specified with code 01=national reference number 02=international RF creditor reference 03=Finnish personal identification code with century code (+, -, A) 04=business identifier code 05=phone number in domestic format (no breaks) 06=phone number in international format (country code, etc.) 07=identifier with IBAN checksum 08=other numeric identifier 09=other alphanumeric identifier 99=other identifier |
| | Attribute: SellerInvoiceIdentifierMinLength | RI | integer | | 0..1 | The minimum length, default is 1 |

| | | | | | |
|--|----|---------|--|------|---|
| Attribute: SellerInvoiceIdentifierMaxLength | RI | integer | | 0..1 | The maximum length, default is 35 |
| Attribute: SellerInvoiceIdentifierSpaces | RI | boolean | | 0..1 | Whether contain spaces, default false. |
| Attribute: SellerInvoiceIdentifierHyphens | RI | boolean | | 0..1 | Whether contain hyphens, default false. |

7.7 ReceiverInfoTimeStamp

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|-----------------------|----|------|--------|--------|---|
| 1 | ReceiverInfoTimeStamp | RI | | 0..22 | 1 | Time and date of the notification. Precise time and date are required if the consumer makes a notification to the same Invoicer from different banks on the same day. |

7.8 BuyerPartyDetails

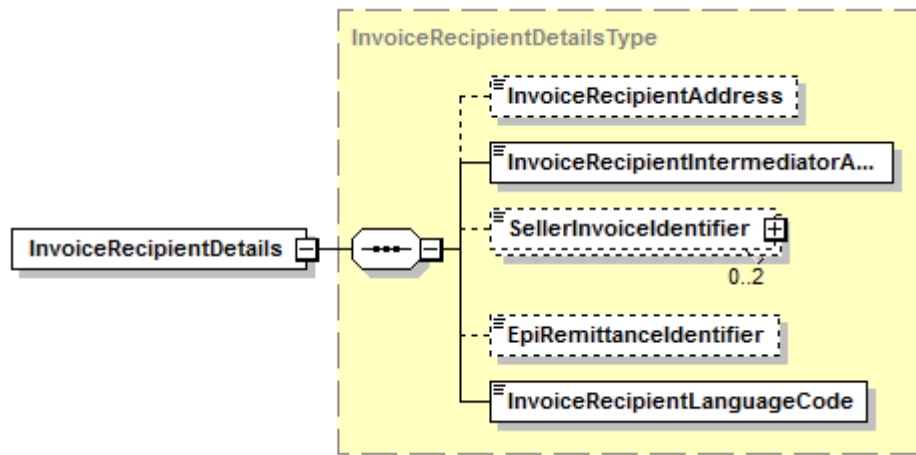


| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|----------------------------------|----|--------------|--------|--------|------------------------------------|
| 1 | BuyerPartyDetails | RI | Aggr. | | 1 | |
| 2 | BuyerPartyIdentifier | RI | string | 1..48 | 0..1 | Field reserved to the buyer's code |
| 2 | BuyerOrganisationName | RI | string | 2..70 | 1 | Recipient's name |
| 2 | BuyerPostalAddressDetails | RI | Aggr. | | 0..1 | |
| 3 | BuyerStreetName | RI | string | 2..35 | 1 | Street address |
| 3 | BuyerTownName | RI | string | 2..35 | 1 | City |
| 3 | BuyerPostCodeIdentifier | RI | string | 1..48 | 1 | Postal code |



| | | | | | | |
|---|------------------------------|----|---------|-------|------|-----------------|
| 3 | CountryCode | RI | nmtoken | 2 | 0..1 | Country code |
| 3 | CountryName | RI | string | 2..35 | 0..1 | Name of country |
| 3 | BuyerPostOfficeBoxIdentifier | RI | string | 1..48 | 0..1 | P.O. Box number |

7.9 InvoiceRecipientDetails



| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|--------------------------------------|----|---------|--------|--------|--|
| 1 | InvoiceRecipientDetails | RI | Aggr. | | 1 | |
| 2 | InvoiceRecipientAddress | RI | string | 0..35 | 0..1 | Recipient's invoicing address. See Notification Service Guidelines for specific use. The Recipient's electronic invoicing address to which the invoices can be delivered. The electronic invoicing address is a number sequence in IBAN format. |
| 2 | InvoiceRecipientIntermediatorAddress | RI | nmtoken | 8..11 | 1 | Recipient's Service Provider's code |
| 2 | SellerInvoiceIdentifier | RI | string | 1..35 | 0..2 | Identifier data that the Recipient provides for the Sender, see SellerInvoiceIdentifierText. There can be two identifiers. |



| | | | | | | |
|---|--|----|--------|-------|------|--|
| | Attribute: SellerInvoiceIdentifierType | RI | Enum. | | 0..1 | 01, 02, 03, 04, 05, 06, 07, 08, 09, 99 Optional attr. specified with code 01=national reference number 02=international RF creditor reference 03=Finnish personal identification code (+, -, A) 04=business identifier code 05=phone number in domestic format (no breaks) 06=phone number in international format (country code, etc.) 07=identifier with IBAN checksum 08=other numeric identifier 09=other alphanumeric |
| 2 | EpiRemittanceIdentifier | RI | string | 2..35 | 0..1 | Payment reference number. The bank should always provide this automatically in the notification (national reference maximum 20, RF creditor reference maximum 25 characters). |
| 2 | InvoiceRecipientLanguageCode | RI | Enum. | | 1 | FI, SV, SE, EN Recipient's language code |

7.10 ProposedDueDate and ProposedInvoicePeriod

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|-----------------------|----|---------|--------|--------|--|
| 1 | ProposedDueDate | RI | integer | | 0..1 | 1..31 The due date that the Recipient requests. |
| 1 | ProposedInvoicePeriod | RI | Enum. | | 0..1 | 1, 2, 4, 6, 12 The invoicing period that the Recipient requests. 1= once a year, 2= twice a year 4= four times a year, 6= every other month 12= every month |



7.11 BuyerServiceCode

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|---------------------|----|-------|--------|--------|--|
| 1 | BuyerServiceCode | RI | Enum. | | 1 | 00, 01 Specifies whether recipient of the invoice is an office customer or web customer. 00= e-invoice, 01= direct payment In Reception Notification, this is the information whether recipient of the invoice is an office Customer or web Customer. The Invoicer delivers the invoice to the direct payment Customer based on the code, and sends a digital copy to the Customer's Service Provider. If the Reception Notification changes, the Invoicer must update the customer's invoicing type to match the code value. |

7.12 ConversionDetails

Conversion details are not used after direct debit migration ends (November 2013).

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|---------------------|----|-------|--------|--------|------------------|
| 1 | ConversionDetails | RI | Aggr. | | 0..1 | Not in use |

8. SenderInfo acknowledgement messages

The same Finvoice acknowledgement messages will be used in the notification services that are described in the Finvoice implementation guidelines. The Service Providers will only send an acknowledgement message when the Sender's notification cannot be transmitted forward for any reason.



The acknowledgement message includes the address information of the sender and receiver of the original SenderInfo message, the MessageId and Timestamp of the original message, as well as the reason for rejection in code and text formats.

If the Invoicer is unable to match the reception address to the correct Customer, e-invoicing must not be activated.

The following are possible reasons and reason codes for rejection when sending an Invoicer Notification:

| Code | Text |
|--|--|
| 1 | Message received for further processing |
| 2 | Receiver not found. Receiver information in the frame is incorrect. Address of Sender's notification is other than SENDERINFO. |
| 3 | Service agreement missing. Sender does not have a Finvoice forwarding service agreement with the Service Provider. |
| 4 | Intermediator not found. Sender or Recipient information in the frame is incorrect. |
| 5 | Message ID and time stamp already used. |
| 6 | Other error: more specific description of error, e.g. "Electronic invoicing address provided with the message does not match the electronic invoicing address in the frame." |
| 7 | Schema validation errors. |
| 8 Error codes related only to the notification service: | |
| 800 | Other error related to the notification service: <more specific description> |
| 801 | Invoicer Notification not found |
| 802 | Invoicer does not offer direct payment service |
| 803 | Invoicer Notification already exists |
| 804 | Invoicer Notification cannot be matched (used with CHANGE and DELETE messages) |
| 805 | Recipient is a company |
| 806 | Recipient has refused |
| 807 | ReceiverProposal cannot be matched |

9. Notification Service frame (SOAP)

The frame used in Notification Service is similar to the SOAP frame described in Finvoice implementation guidelines. The frame does not include the e-invoicing address of the Customer's material handler, and the material handler's e-invoicing address may not be put in place of the Customer's e-invoicing address.



The service provider delivers the messageID of the original ReceiverInfo message using the SOAP frame of CHANGE and DELETE messages in RefToMessage element.

If the RI message is formed based on the RP message, the RP MessageId is given in the RefToMessageId element in the frame of the RI message.

10. Service Provider addresses for the Notification Service

The notification service provided by the Service Providers has its own address. The notification message itself (FinvoiceSenderInfo) has been framed with a 'Finvoice frame'. The Invoicer's sending address (From, Role Sender and From, Role Intermediator) is the electronic invoicing address recorded in the Finvoice forwarding service agreement between the Customer and the Service Provider with the Service Provider's code (BIC).

All Service Providers use the same notification service Reception Address:

Reception address:

SENDERINFO
 SENDERINFO
 SENDERINFO
 SENDERINFO
 SENDERINFO
 SENDERINFO
 SENDERINFO
 SENDERINFO
 SENDERINFO
 SENDERINFO

Service Provider's identifier:

AABAFI22 (Bank of Åland)
 DABAFIHH (Danske Bank)
 HANDFIHH (Handelsbanken)
 HELSFIHH (Aktia)
 ITELFIHH (Savings banks, Oma Säästöpankki)
 POPFFI22 (POP Banks)
 NDEAFIHH (Nordea Bank)
 OKOYFIHH (OP-Pohjola Group)
 SBANFIHH (S-Bank)
 DNBAFIHX (DNB)

The Finvoice frame is also used in FinvoiceReceiverInfo messages. The Sender in the message is the address of the web bank or web payment service user and the Service Provider's code (the same to which the invoices are delivered) and the recipient is the sender of the original FinvoiceSenderInfo message.

All Service Providers use the same Reception Address for ReceiverProposals (RP messages):

Reception address:

PROPOSAL
 PROPOSAL
 PROPOSAL
 PROPOSAL
 PROPOSAL
 PROPOSAL
 PROPOSAL
 PROPOSAL
 PROPOSAL
 PROPOSAL

Service Provider's identifier:

AABAFI22 (Bank of Åland)
 DABAFIHH (Danske Bank)
 HANDFIHH (Handelsbanken)
 HELSFIHH (Aktia)
 ITELFIHH (Savings banks, Oma Säästöpankki)
 POPFFI22 (POP Banks)
 NDEAFIHH (Nordea Bank)
 OKOYFIHH (OP-Pohjola Group)
 SBANFIHH (S-Bank)

11. Instructions, descriptions and files associated with the Notification Service

Instructions and descriptions

- Finvoice Implementation Guidelines [2](#)
- Description and terms and conditions of the Finvoice forwarding service and the conditions for web bank and web payment service users

Files

- FinvoiceSenderInfo.xsd (Schema description)
- FinvoiceSenderInfo.dtd (Description of structure)
- FinvoiceSenderInfo.xsl (Style sheet)
- FinvoiceSenderInfo.xml (Model file of the invoicer's notification)
- FinvoiceReceiverInfo.xsd (Schema description)
- FinvoiceReceiverInfo.dtd (Description of structure)
- FinvoiceReceiverInfo.xsl (Style sheet)
- FinvoiceProposal.xsd (Schema description)
- FinvoiceProposal.dtd (Description of structure)
- Finvoiceack.xsd
- FinvoiceReceiverInfo.xml (Model file of the recipient's notification)
- Archiving software (Programme for disassembling the frame and following notifications)
- Software for creating invoicer notifications

12. Direct payment

With the direct payment service, the payment of invoices agreed with the Payer can be automatically executed by the Service Provider on the due date.

The direct payment service is meant for office Customers who do not use the web bank or web payment service, and for the Invoicers of these Customers.

The service is based on the existing Finvoice forwarding service and the Reception Address notification service that are provided for Invoicers. It also requires that the Payer's Service Provider offers its payer customers the e-invoice-based direct payment service.

Main characteristics of the service:

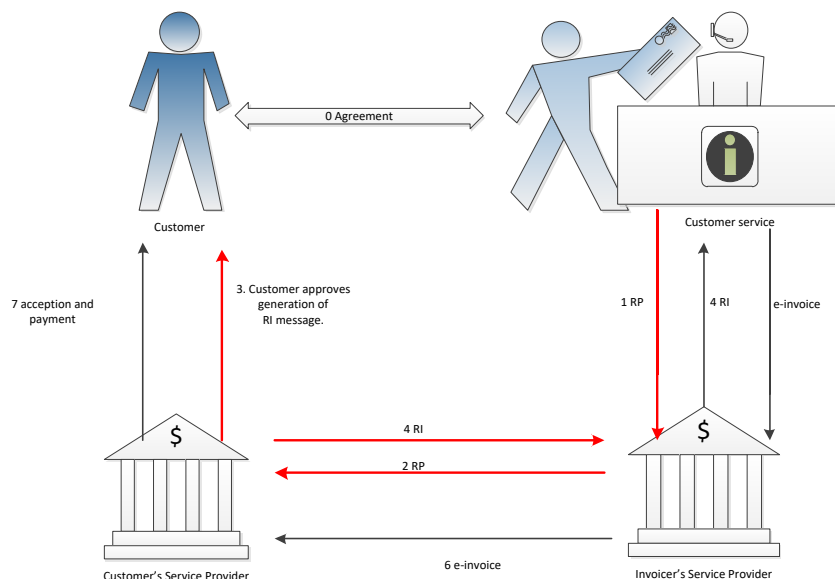
1. The Invoicer notifies Service Providers that it supports the direct payment service, using the service code in Invoicer Notification.
2. The Payer makes an agreement on the service with their Service Provider and gives a continuous payment instruction for each Invoicer and each reason for payment.
3. The Service Provider sends the Invoicer an e-invoice reception notification on behalf of the Payer, also including the information that the Payer is a direct payment service customer.
4. The Invoicer sends the invoice to the Payer as a paper invoice or in another format agreed with the Payer, and sends the Service Provider a digital copy of the invoice as an e-invoice.

5. The Service Provider executes the payment on the due date of the invoice on the basis of the Payer's payment instruction.
6. If the Payer wants to cancel the payment, they must contact their Service Provider by the Service Provider's last working day before the due date.

13. Using ReceiverProposal to get Customer's e-invoicing address

The Invoicer can use the ReceiverProposal message, which allows the Customer's e-invoicing address to be forwarded to the Invoicer already before the first invoice. The Invoicer needs this address to enable a new customer relationship or additional sales to an existing customer. The use of ReceiverProposal messages requires that

- The Invoicer and its service provider have agreed on the sending of RP messages.
- The Invoicer and the Customer have agreed that the Invoicer requests the e-invoicing address with an RP message.
- The Invoicer sends a SenderInfo message (version 2) to all the service providers it sends RP messages to.
- The PaymentInstructionIdentifier field has same data content in the RP as it does in the Invoicer Notification.
- RP messages are sent from the same e-invoice forwarding address that the SI message is sent from and the Finvoice messages will be sent from.
- The Payer's Service Provider returns the RP message's information with a ReceiverInfo message.





1. The Invoicer sends a ReceiverProposal (RP) message to its Service Provider with the following values:
 - **MessageActionCode value ADD**
 - **MessageActionCodeIdentifier value 00; customer's personal identification code is supplied in the BuyerPartyIdentifier field.**
2. The Invoicer's Service Provider forwards the RP to the Customer's Service Provider.
3. Customer's Service Provider displays the RP for approval in the web bank. Invoicer specifies in the RPFreeText element that the message regards confirmation of the agreed e-invoice subscription.
4. The Customer's Service Provider responds with a ReceiverInfo (RI), which contains the Customer's e-invoicing address. Personal identification code is not returned in the ReceiverInfo message. Invoicer's service provider forwards the RI to the Invoicer, and the Invoicer updates the Customer's information accordingly.
5. The Invoicer sends next invoice as an e-invoice.
6. **The Customer's Service Provider submits the e-invoice to the Customer for approval.**
7. **The Customer approves the e-invoice and pay it.**
8. **If the Customer has not reacted within 30 calendar days, the Bank deletes the RP message from the Customer's web bank. The deletion is not notified with an ack message.**

All banks use the same reception address, PROPOSAL, for the receiving of ReceiverProposals.

13.1

Use of ReceiverProposal in Invoicer's change situations

The Invoicer can use the ReceiverProposal message to move an existing customer's e-invoice order over to another reason for payment. The Invoicer is obligated to inform its customers about this change. A change situation refers to any situation which requires that a specific Invoicer Notification and its linked e-invoice Reception Notifications are moved over to another Invoicer Notification.

The use of RP messages in change situations requires that

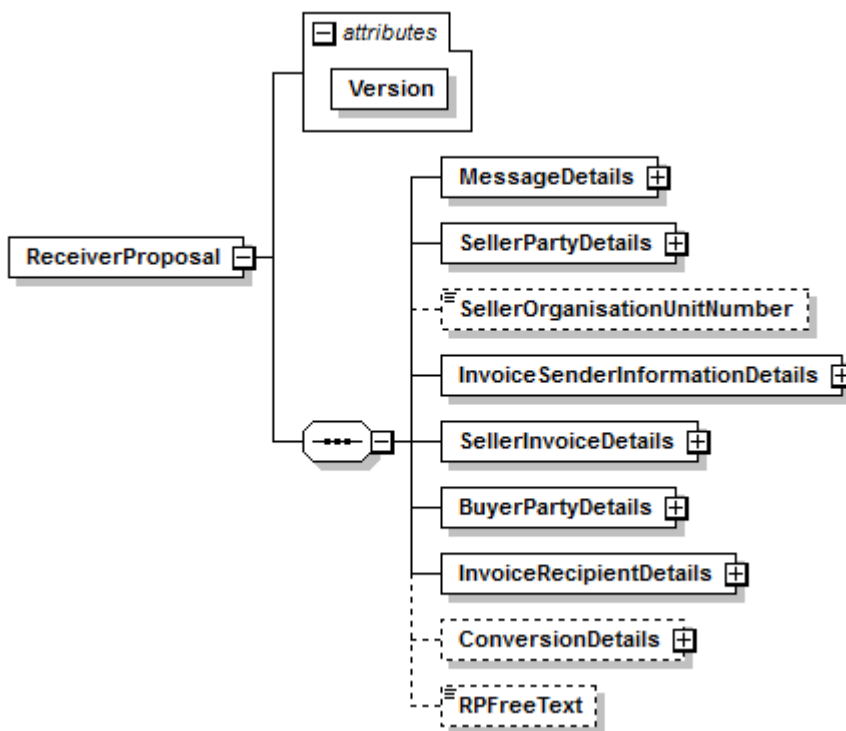
- The Invoicer and its Service Provider have agreed on the sending of RP messages.
- The Invoicer has informed its Customers about the change.
- The change does not affect the contractual relationship between Invoicer and Customer.
- The Invoicer is required to send a SenderInfo message (version 2) to all service providers that it sends RP messages to.
- The PaymentInstructionIdentifier field has same data content in the RP as it does in the Invoicer Notification.
- The RP messages are sent from the same e-invoice forwarding address as the SI message is sent from and the Finvoice messages will be sent from.
- The Payer's Service Provider returns the RP message's information with a ReceiverInfo message.



The Invoicer sends a ReceiverProposal message to its Service Provider with the following values:

- MessageActionCode value ADD
- MessageActionCodeIdentifier value 02 ("maintenance") with Customer's e-invoicing address in the RecipientAddress field.

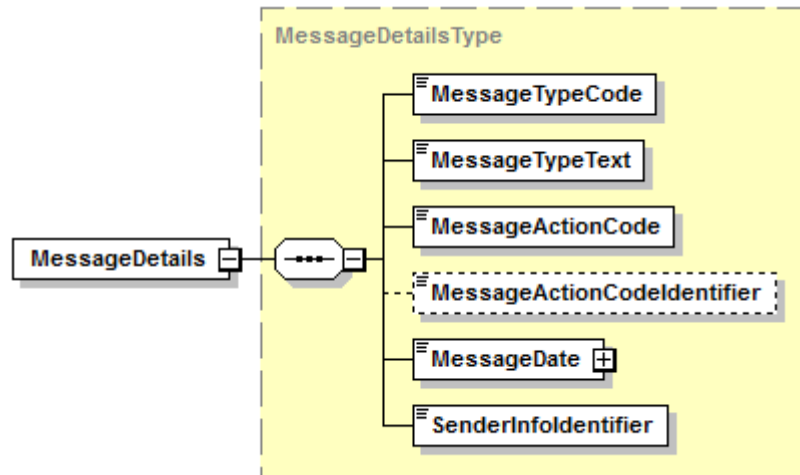
14. ReceiverProposal message (RP)



| Level | Name of the Element | Type | Type | Length | Occurs | Permitted values |
|-------|---------------------|------|-------|--------|--------|--|
| Root | ReceiverProposal | RP | Aggr. | | 1 | ReceiverProposal |
| | Attribute: Version | RP | Enum. | | 1 | 1.0 Service providers validate Finvoice messages and ReceiverProposals. |

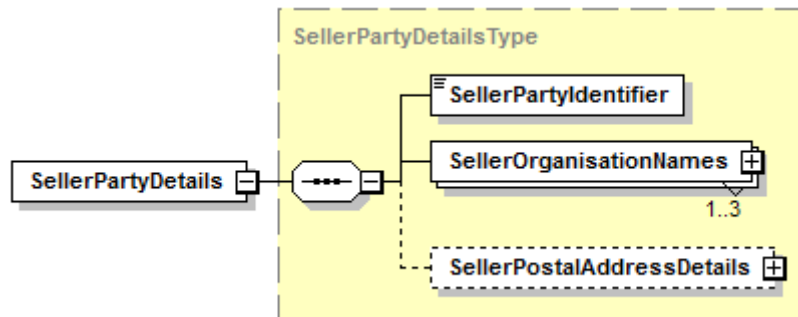


14.1 MessageDetails



| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|-----------------------------|----|--------------|--------|--------|--|
| 1 | MessageDetails | RP | Aggr. | | 1 | Basic information of the message |
| 2 | MessageTypeCode | RP | string | | 1 | RECEIVERPROPOSAL ReceiverProposal is from the Invoicer to the Recipient. |
| 2 | MessageTypeText | RP | string | 0..35 | 1 | Text that describes the MessageTypeCode that the Recipient can open in plaintext format. |
| 2 | MessageActionCode | RP | Enum. | | 1 | ADD, RP value ADD |
| 2 | MessageActionCodeIdentifier | RP | Enum. | | 0..1 | 00=new or normal 01=CONVERSION, 02=MAINTENANCE If information is missing, interpreted as 00. |
| 2 | MessageDate | RP | date | 8 | 1 | Sending date of message. Bank displays the ReceiverProposal in the web bank for 30 calendar days that are counted from the MessageDate. |
| | Attribute: Format | RP | string | | 0..1 | CCYYMMDD |
| 2 | SenderInfoIdentifier | RP | string | 1..48 | 1 | A unique identifying code/identifier for the message for the Invoicer's own use. RP message must have the same information as SI. |

14.2 SellerPartyDetails

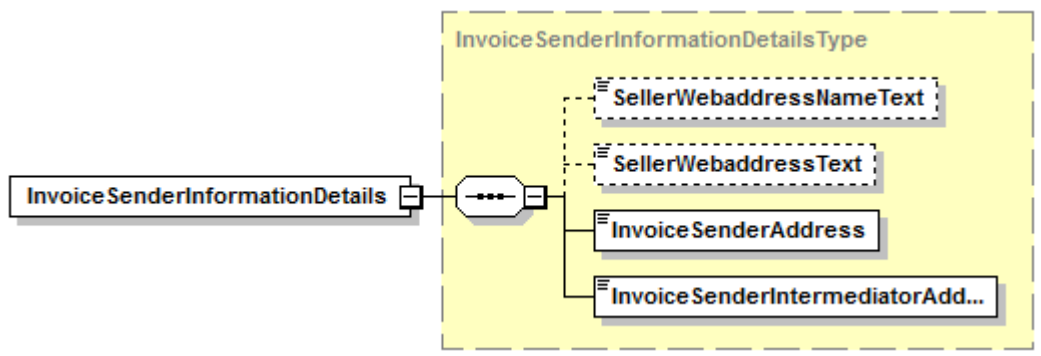


| Level | Name of the Element | Type | Length | Occurs | Permitted values |
|-------|-----------------------------------|------------|--------|--------|--|
| 1 | SellerPartyDetails | RP Aggr. | | 1 | |
| 2 | SellerPartyIdentifier | RP string | 1..48 | 1 | Business ID that identifies the Invoicer |
| 2 | SellerOrganisationNames | RP Aggr. | | 1..3 | Invoicer name at least in Finnish |
| | Attribute: LanguageCode | RP Enum. | | 1 | FI, SV, SE, EN |
| 3 | SellerOrganisationName | RP string | 2..70 | 1..2 | |
| 2 | SellerPostalAddressDetails | RP Aggr. | | 0..1 | |
| 3 | SellerStreetName | RP string | 2..35 | 1 | Street address |
| 3 | SellerTownName | RP string | 2..35 | 1 | City |
| 3 | SellerPostCodeIdentifier | RP string | 1..48 | 1 | Sender's postal code |
| 3 | CountryCode | RP nmtoken | 2 | 0..1 | Sender's country code as an ISO code |
| 3 | CountryName | RP string | 2..35 | 0..1 | Sender's country |
| 3 | SellerPostOfficeBoxIdentifier | RP string | 1..48 | 0..1 | Sender's P.O. Box |

14.3 SellerOrganisationUnitNumber

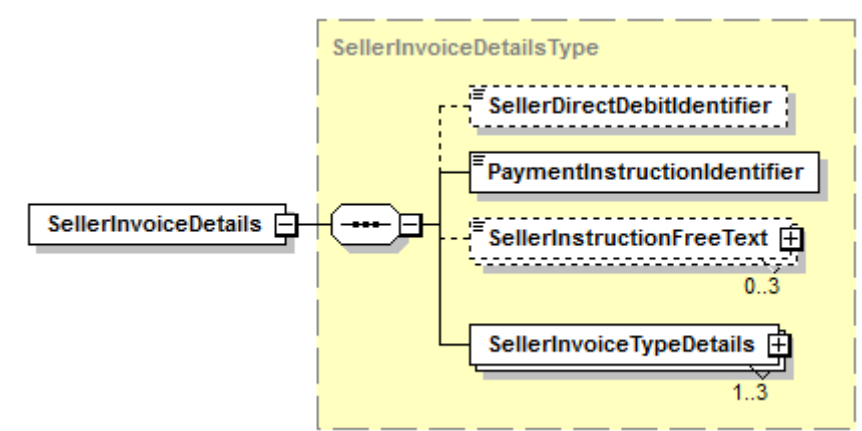
| Level | Name of the Element | Type | Length | Occurs | Permitted values |
|-------|------------------------------|-----------|--------|--------|---|
| 1 | SellerOrganisationUnitNumber | RP string | 5..35 | 0..1 | Sender's complete EDI code (0037...) Sender's organisation unit, providing more detail than the official Business ID. |

14.4 InvoiceSenderInformationDetails



| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|-----------------------------------|----|---------|--------|--------|---|
| 1 | InvoiceSenderInformationDetails | RP | Aggr. | | 1 | Other information connected to the Sender |
| 2 | SellerWebaddressNameText | RP | string | 0..70 | 0..1 | Text in the Web address |
| 2 | SellerWebaddressText | RP | string | 0..512 | 0..1 | Sender's Internet address |
| 2 | InvoiceSenderAddress | RP | string | 0..35 | 1 | The Sender's sending address. The address must be the same as the sending address in the Soap frame |
| 2 | InvoiceSenderIntermediatorAddress | RP | nmtoken | 8..11 | 1 | The address of the Service Provider used by the sender, Intermediator code |

14.5 SellerInvoiceDetails



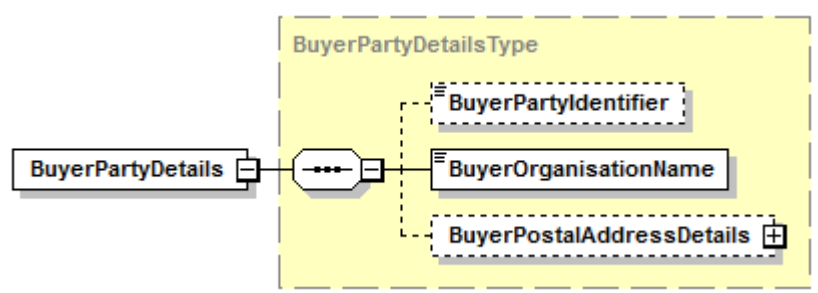


| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|--|----|--------------|--------|--------|---|
| 1 | SellerInvoiceDetails | RP | Aggr. | | 1 | |
| 2 | SellerDirectDebitIdentifier | RP | string | 0..35 | 0..1 | Not in use |
| 2 | PaymentInstructionIdentifier | RP | string | 1..35 | 1 | An identifier specified by the sender that is used to identify the reason for payment. Shall be forwarded in the ePI part of Invoice in element EpiPaymentInstructionId. |
| 2 | SellerInstructionFreeText | RP | string | 1..420 | 0..3 | Sender's instructions for the invoice recipient. The same language code may only be used once. |
| | Attribute: LanguageCode | RP | Enum. | | 0..1 | FI, SV, SE, EN |
| 2 | SellerInvoiceTypeDetails | RP | Aggr. | | 1..3 | |
| 3 | SellerInvoiceTypeText | RP | string | 0..35 | 0..1 | A text corresponding to the identifier specified by the Sender (PaymentInstructionIdentifier) |
| | Attribute: LanguageCode | RP | Enum. | | 1 | FI, SV, SE, EN |
| 3 | SellerInvoiceIdentifierText | RP | string | 4..70 | 1..2 | The unique identifier of the Payer required by the Sender, in text. One language code may have 2 identifiers. Use of another identifier along with the reference number is recommended. Reference number and e.g. personal identification code or customer number. |
| | Attribute: LanguageCode | RP | Enum. | | 1 | FI, SV, SE, EN |
| | Attribute: SellerInvoiceIdentifierType | RP | Enum. | | 0..1 | 01, 02, 03, 04, 05, 06, 07, 08, 09, 99 Optional attr. reference specified with code 01=national reference number 02=international RF creditor reference 03=Finnish personal identification code with century code (+, -, A) 04=business identifier code 05=phone number in domestic |



| | | | | | | |
|--|--|----|---------|--|------|---|
| | | | | | | format (no breaks) 06=phone number in international format (country code, etc.) 07=identifier with IBAN checksum 08=other numeric identifier 09=other alphanumeric identifier 99=other identifier |
| | Attribute: SellerInvoiceIdentifierMinLength | RP | integer | | 0..1 | The minimum length, the default is 1 |
| | Attribute: SellerInvoiceIdentifierMaxLength | RP | integer | | 0..1 | The maximum length, the default is 35 |
| | Attribute: SellerInvoiceIdentifierSpaces | RP | boolean | | 0..1 | Whether contain spaces, default false. |
| | Attribute: SellerInvoiceIdentifierHyphens | RP | boolean | | 0..1 | Whether contain hyphens, default false. |

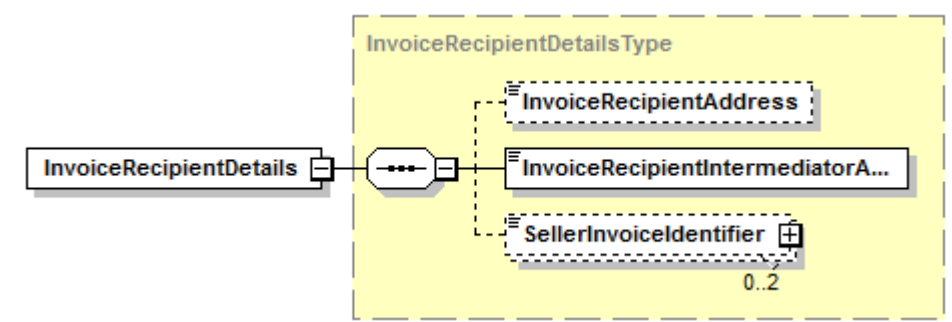
14.6 BuyerPartyDetails



| Level | Name of the Element | Type | Length | Occurs | Permitted values | |
|-------|----------------------------------|------|--------------|--------|------------------|---|
| 1 | BuyerPartyDetails | RP | Aggr. | 1 | | |
| 2 | BuyerPartyIdentifier | RP | string | 1..48 | 0..1 | Asiakkaan henkilötunnus 11 merkkisenä (+, -, A), tietoa ei palauteta RI-sanomalla |
| 2 | BuyerOrganisationName | RP | string | 2..70 | 1 | Recipient's name |
| 2 | BuyerPostalAddressDetails | RP | Aggr. | 0..1 | | |
| 3 | BuyerStreetName | RP | string | 2..35 | 1 | Street address |
| 3 | BuyerTownName | RP | string | 2..35 | 1 | City |
| 3 | BuyerPostCodeIdentifier | RP | string | 1..48 | 1 | Postal code |

| | | | | | | |
|---|------------------------------|----|---------|-------|------|-----------------|
| 3 | CountryCode | RP | nmtoken | 2 | 0..1 | Country code |
| 3 | CountryName | RP | string | 2..35 | 0..1 | Name of country |
| 3 | BuyerPostOfficeBoxIdentifier | RP | string | 1..48 | 0..1 | P.O. Box number |

14.7 InvoiceRecipientDetails



| Level | Name of the Element | Type | Length | Occurs | Permitted values | |
|-------|--|------|---------|--------|------------------|--|
| 1 | InvoiceRecipientDetails | RP | Aggr. | 1 | | |
| 2 | InvoiceRecipientAddress | RP | string | 0..35 | 0..1 | The Recipient's electronic invoicing address to which the invoices can be delivered. The electronic invoicing address is a number sequence in IBAN format. |
| 2 | InvoiceRecipientIntermediatorAddress | RP | nmtoken | 8..11 | 1 | Recipient's Service Provider's code |
| 2 | SellerInvoiceIdentifier | RP | string | 1..35 | 0..2 | Identifier data that the Recipient provides for the Sender, see SellerInvoiceIdentifierText. There can be two identifiers. If the Invoicer uses identifier attributes, the value in the SellerInvoiceIdentifier field must correspond with its attribute in the ReceiverProposal. |
| | Attribute: SellerInvoiceIdentifierType | RP | Enum. | | 0..1 | 01, 02, 03, 04, 05, 06, 07, 08, 09, 99 |



| | | | | | | |
|--|--|--|--|--|--|--|
| | | | | | | Optional attr. specified with code 01=national reference number 02=international RF creditor reference 03=Finnish personal identification code (+, -, A) 04=business identifier code 05=phone number in domestic format (no breaks) 06=phone number in international format (country code, etc.) 07=identifier with IBAN checksum 08=other numeric identifier 09=other alphanumeric identifier 99=other identifier |
|--|--|--|--|--|--|--|

14.8 RPFreeText

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|---------------------|----|--------|--------|--------|---|
| 1 | RPFreeText | RP | string | 0..420 | 0..1 | Additional information given by the Invoicer in special situations. See the Notification Service Guidelines The element usage is the service provider specific. Information is given in the language agreed with the Customer. |

14.9 ConversionDetails – not used after direct debit migration ends

| Level | Name of the Element | | Type | Length | Occurs | Permitted values |
|-------|--------------------------|----|--------------|--------|--------|------------------|
| 1 | ConversionDetails | RP | Aggr. | | 0..1 | not in use |
| 2 | ConversionID | RP | string | 0..30 | 0..1 | not in use |
| 2 | DDArchiveCode | RP | string | 0..20 | 0..1 | not in use |



| | | | | | | |
|---|-------------------|----|--------|-------|------|------------|
| 2 | BuyerDDIdentifier | RP | string | 0..30 | 0..1 | not in use |
| 2 | DDReferenceNumber | RP | string | 0..20 | 0..1 | not in use |
| 2 | BuyerDDAccountld | RP | string | 0..14 | 1 | not in use |

15. FinvoiceSenderInfo and FinvoiceReceiverInfo messages

List of the information in FinvoiceSenderInfo and FinvoiceReceiverInfo messages is available in excel format from the address <http://finvoice.info>.