



## *API documentation*

### *Inkassogram SOAP Interface invoice tools 2.0*

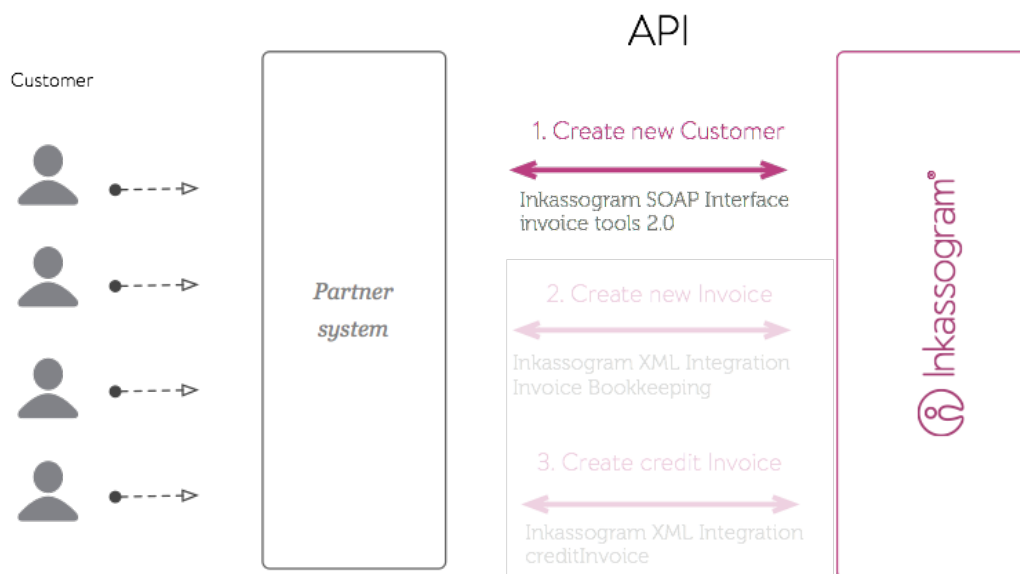
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# 1 Introduction



This document describes the Inkassogram SOAP interface format.  
The following operations below is included in this web service.

- ▶ SsnCheck - Make a credit check or just fetch the address information of given organization number or social security number.
- ▶ InvoiceStatus - Check if the invoice is paid and debt paid and much more..
- ▶ ResendInvoice - This function allows the customer to send the invoice again ether by email and post mail. It's also possible to resend it to an care of address.
- ▶ ActivateInvoice - If the invoice was created as a reservation then it can be unlocked and sent to the customer with this function.
- ▶ DailySale - Fetch the total amount for one calendar day sales.
- ▶ PauseInvoice - Stopp the invoice, no reminder or debt collection will be sent.
- ▶ SearchCompany - Fetch address information and company registration number of an company name.
- ▶ InvoiceDetails - Fetch all contact details and references of an invoice

‣ SearchInvoices - Fetch available information from the system about one or more invoices.

‣ BankIDAuthentication - Authentication for mobile BankID and BankID on file.

‣ BankIDCollect - Before using this operation a call need to be done with the BankIDAuthentication operation above.

‣ **Partner SOAP operations**

‣ SaveCompany - Boarding of a new customer from a partner system.

‣ SaveUserToCompany - Save a user associated to an existing company.

‣ SaveSsnForUserToCompany - This operation have been deprecated

‣ GetUsersFromCompany - Get existing users from an existing company.

‣ GetExistingCompany - Get an existing company associated to a reseller.

‣ ValidateAndSendInkassogram - This method is similar to ActivateInvoice. Read more in the later sections below.

‣ CancelInkassogram - This method will cancel a reservation in the system.

This document provides a data dictionary detailing the format of content and provides sample calls to the API. Finally some specific notes on the SOAP/XML format and Unicode are provided.

## 1.1 XML Types

All fields within the XML API have their type defined in the WSDL file and is explained in the Data Dictionary for each operation. The data types of the XML elements are typically simple XML Schema types such as strings and integers with restrictions on their length or values. The relevant section for each Operation includes examples of valid XML as defined by the WSDL. In addition a data dictionary for each Operation explains the expected format of each XML element, for example see section 2.1.3. The following notation is used to describe the format of the XML content in the data dictionary.

## 2 SOAP operations

All communication through this interface is done by an Web Service/SOAP request.

The customer authentication occurs for each request with an key and customerno XML element.

Operation URL: [https://api.inkassogram.se/soap/invoice\\_class](https://api.inkassogram.se/soap/invoice_class)  
Please see WSDL file in Section 2.9 for more information.

WSDL URL: [https://api.inkassogram.se/soap/invoice\\_v2.0?wsdl](https://api.inkassogram.se/soap/invoice_v2.0?wsdl)

### 2.1 SsnCheck operation

ssn\_check operation is an extra feature to make a separate credit check and/or fetch the information for the given social security number or organization number.

This operation is restricted for use and can just be unlocked on Inkassograms permission.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.1.1](#) example.

Upon receipt of a valid XML request, the Inkassogram platform will prepare the delivery to the end customer and return an XML response as described in [Section 2.1.2](#).

## 2.1.1 SsnCheck Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:SsnCheckRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:client_ip></ns1:client_ip>
        <ns1:credit_check>0</ns1:credit_check>
        <ns1:ssn>5567854616</ns1:ssn>
      </request>
    </ns2:SsnCheckRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.1.2 SsnCheck Response

### Fault example

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>125</faultcode>
      <faultstring>Key doesn't match</faultstring>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### Sunny scenario example

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:SsnCheckResponse>
      <response>
        <ns1:ssn>5567854616</ns1:ssn>
        <ns1:company_name>Inkassogram Aktiebolag (publ)</ns1:company_name>
        <ns1:address>LILLA BOMMEN 1</ns1:address>
        <ns1:zip>41104</ns1:zip>
        <ns1:city>GÖTEBORG</ns1:city>
      </response>
    </ns2:SsnCheckResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



```

        <ns1:country>SE</ns1:country>
        <ns1:credit_status>0</ns1:credit_status>
    </response>
</ns2:SsnCheckResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

### 2.1.3 SsnCheck Data Dictionary

Explained elements for SsnCheck operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
credit_check	Integer	No	1/0	1 for credit check 0 to just fetch the information about the customer. If the credit check is done the customer has to get notified about it and it could not be done without the customer approval.
email	String	Yes	email address to send the credit check notification.	Article Number
ssn	String	No		social security number or organization number
country	String	Yes	SWE/SWEDEN/NORWAY/DENMARK/FINLAND	Default Sweden if not given. When credit_check is true we do just support SWEDEN.
<b>Response</b>				

Element	Data Type	Optional	Value	Description
ssn	String	No		social security number or organization number
company_name	Integer	No		Company name if the given organization number does match
first_name	Integer			First name
last_name	String			Last name
given_name	String			Given name, could be blank in some cases
address	String			Address
zip	String			Zip code
city	String			City
country	String		SWE/SWEDEN/NORWAY/DENMARK/FINLAND	Same as the request data
credit_status	Integer		1/0	1 for approved credit 0 for no credit approval

## 2.2 InvoiceStatus operation

This operation fetches the latest information about an invoice.

What the customer have to pay to get “debt-free”.

Invoice files to be downloaded, also reminder and debt collection file that have been sent to the customer.

Dates when these files were sent.

How much the customer already have paid.

And much more...

Se Section 2.2.3 Data Dictionary for a complete list of all parameters.

To download the PDF files through this operation a simple get request have to be done to the URL below.

Customer URL: [https://my.inkassogram.se/LZ\\_fetchPDF.php?file=](https://my.inkassogram.se/LZ_fetchPDF.php?file=)

End customer URL: [https://my.inkassogram.se/EU\\_fetchPDF.php?file=](https://my.inkassogram.se/EU_fetchPDF.php?file=)

**NOTE:** The end customer url should NOT be used by any one other than the debtor. When the debtor does the first click on this link a timestamp is updated when the invoice was downloaded..

There's two acceptable alternatives to match the invoice to fetch.. By using:

- \* The OCR number provided in the response by Inkassogram when the invoice was created.
- \* The unique orderNo sent by the customer in the request when the invoice was created.

### 2.2.1 InvoiceStatus request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:InvoiceStatusRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:ocr>1003199708</ns1:ocr>
      </request>
    </ns2:InvoiceStatusRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.2.2 InvoiceStatus Response

#### Fault example

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>10</faultcode>
      <faultstring>Invalid ocr number or order_no, no match</faultstring>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
```

</SOAP-ENV:Envelope>

### Sunny scenario example

This example doesn't include all data that will be received. See the data dictionary in next section for all available elements.

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:InvoiceStatusResponse>
      <response>
        <ns1:ocr>1003199708</ns1:ocr>
        <ns1:order_no>5922</ns1:order_no>
        <ns1:first_invoice_price>1000</ns1:first_invoice_price>
        <ns1:amount_paid_endcustomer>0</ns1:amount_paid_endcustomer>
        <ns1:amount_left_endcustomer>1000</ns1:amount_left_endcustomer>
        <ns1:credit_amount>0</ns1:credit_amount>
        <ns1:invoice_pdf>4ca2519d0f51bb072b1b404bd1ca888e.pdf
        </ns1:invoice_pdf>
        <ns1:invoice_date>2015-10-01</ns1:invoice_date>
        <ns1:invoice_due_date>2015-10-31</ns1:invoice_due_date>
        <ns1:reminder_pdf></ns1:reminder_pdf>
        <ns1:debt_collection_pdf></ns1:debt_collection_pdf>
        <ns1:refund_pdf></ns1:refund_pdf>
      </response>
    </ns2:InvoiceStatusResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.2.3 InvoiceStatus Data Dictionary

Explained elements for InvoiceStatus operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number

Element	Data Type	Optional	Value	Description
order_no	String	Yes, if ocr is used instead		order number/transaction number sent to Inkassogram when the invoice was created
ocr	Integer	Yes, if order_no is used instead		OCR number received in the response when the invoice was created
<b>Response</b>				
ocr	Integer	No	Provided by Inkassogram	OCR number
order_no	String	Yes	Provided by Inkassogram	order number/transaction number sent to Inkassogram when the invoice was created
first_invoice_price	Integer	No	cent	Price in cent
amount_left_endcustomer	Integer	No	cent	Amount in cent
amount_debt_paid	Integer	No	cent	Amount paid to customer in cent
debt_paid	Integer	No	1/0	1 - The amount has been paid to customer 0 - The amount has not been paid
money_received	String	No	1/0	If Inkassogram have received the whole payment by the end customer
partPayment	String	No	1/0	If it is a part payment
invoice_cost	String	No	cent	Total cost for the invoice in cent
credit_amount	Integer	No	cent	Total amount that has been credited in cent
invoice_pdf	String	No		PDF file to download

Element	Data Type	Optional	Value	Description
invoice_date	String	No	YYYY-MM-DD	Invoice date
invoice_due_date	String	No	YYYY-MM-DD	Due date
reminder_pdf	String	Yes		PDF file to download
reminder_date	String	Yes	YYYY-MM-DD	Reminder date
reminder_due_date	String	Yes	YYYY-MM-DD	Reminder due date
debt_collection_pdf	String	Yes		PDF file to download
debt_collection_date	String	Yes	YYYY-MM-DD	Debt Collection date
debt_collection_due_date	String	Yes	YYYY-MM-DD	Debt Collection due date
refund_pdf	String	Yes		PDF file to download
skip_reminder	Boolean	Yes		
skip_debt_collection	Boolean	Yes		
<b>payments</b>	ComplexType of payment			Unbounded
payment -> date	String			
payment -> amount	Integer			
payment -> sender	String			
payment -> type	String		ENUM payment/credit	The type credit defines if the total amount for a credit invoice sent to customer. The payment type defines the total amount paid for a date.

## 2.3 ResendInvoice operation

Use this operation to send a copy of the original invoice file.  
The invoice could be sent via an email and printed out and sent by post mail.

It's also possible to change the address of the invoice to a care of address.

If the invoice should be sent to an other email address than what have been used before, or if no email was used when the invoice were created it's possible to use the co\_email field.

If the co\_email is used, it's not necessary to use the other care of fields if not the address state should be changed.

If the address to the customer shall be changed, the minimum restriction of use is co\_address1 and co\_address2.

There's two acceptable alternatives to match the invoice to resend.. By using:

- \* The OCR number provided in the response by Inkassogram when the invoice was created.
- \* The unique orderNo sent by the customer in the request when the invoice was created.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.3.1](#) example.

Upon receipt of a valid XML request, the Inkassogram platform will prepare the delivery to the end customer and return an XML response as described in [Section 2.3.2](#).

### 2.3.1 ResendInvoice Request

One examples is listed below

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:ResendInvoiceRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:ocr>1003199708</ns1:ocr>
        <ns1:invoice_state>1</ns1:invoice_state>
        <ns1:print_setup>1</ns1:print_setup>
        <ns1:email>simon@inkassogram.com</ns1:email>
      </request>
    </ns2:ResendInvoiceRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.3.2 ResendInvoice Response

Two examples is listed below

Fault example

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>125</faultcode>
      <faultstring>Key doesn't match</faultstring>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

Sunny scenario example

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:ResendInvoiceResponse>
      <response>
        <ns1:status>1</ns1:status>
      </response>
    </ns2:ResendInvoiceResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



```

        <ns1:ocr>1003199708</ns1:ocr>
    </response>
</ns2:ResendInvoiceResponse>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

### 2.3.3 ResendInvoice operation Data Dictionary

Explained elements for ResendInvoice operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
order_no	String	Yes, if ocr is used instead		order number/transaction number sent to Inkassogram when the invoice was created
ocr	Integer	Yes, if order_no is used instead		OCR number received in the response when the invoice was created
invoice_state	Integer		1/2/3/4	1 - resend invoice 2 - resend reminder 3 - resend debt collection 4 - resend refund
print_setup	Integer	No	1/3/4	1 - E-faktura, PDF 3 - Print on Demand 4 - SMS Faktura
co_email	String	Yes		Email Address for print_setup 1
co_address1	String	Yes, minimum Row1 and 2 if used		Row 1 of the care of address

Element	Data Type	Optional	Value	Description
co_address2	String	Yes, as above		Row 2 of the care of address
co_address3	String	Yes		Row 3 of the care of address
co_address4	String	Yes		Row 4 of the care of address
co_address5	String	Yes		Row 5 of the care of address
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
ocr	Integer	No		OCR number
order_no	String	No		order number/transaction number sent to Inkassogram when the invoice was created

## 2.4 ActivateInvoice operation

Activating an invoice when the product are in stock.

If the invoice were created with makeInvoiceReservation (true) you have to activate it as described below.

By activating the invoice it will be sent to the customer at the invoice\_send\_date or at the same day the activation is done.

There's two acceptable alternatives to match the invoice to activate.. By using:

- \* The OCR number provided in the response by Inkassogram when the invoice was created.
- \* The unique orderNo sent by the customer in the request when the invoice was created.

### 2.4.1 ActivateInvoice Request

One examples is listed below

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:ActivateInvoiceRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:ocr>1003199708</ns1:ocr>
      </request>
    </ns2:ActivateInvoiceRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.4.2 ActivateInvoice Response

### Fault example

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>45</faultcode>
      <faultstring>Can't activate invoice</faultstring>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### Sunny scenario example

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:ActivateInvoiceResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:ocr>1003199708</ns1:ocr>
        <ns1:order_no>5922</ns1:order_no>
      </response>
    </ns2:ActivateInvoiceResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.4.3 ActivateInvoice Data Dictionary

Explained elements for ActivateInvoice operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
order_no	String	Yes, if ocr is used instead		order number/transaction number sent to Inkassogram when the invoice was created
ocr	Integer	Yes, if order_no is used instead		OCR number received in the response when the invoice was created
send_invoice_date	Integer	Yes	Unixtime	Date when the invoice shall be sent. Do not use if you wish to use same invoice date as when the createInvoice request were done
invoice_due_date	Integer	Yes	Unixtime	Same as above
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
ocr	Integer	No		OCR number
order_no	String	No		order number/transaction number sent to Inkassogram when the invoice was created

## 2.5 CancelInvoice

This method will cancel a reservation in the system. When the cancelation is done there is no change to activate the invoice again. The cancelation may be done if the use may have added an invoice incorrectly to the system.

### 2.5.1 CancelInvoice Request

The request isn't similar to the activation that can activate many OCRs, this method can just cancel one at each request.

### 2.5.2 CancelInvoice Response

No example available.

### 2.5.3 CancelInvoice Data Dictionary

Explained elements for CancelInvoice operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged
ocr	String	No	Generated by the createInvoice service	One single OCR to cancel

Element	Data Type	Optional	Value	Description
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again

## 2.6 PauseInvoice

This operation cannot be used in the following cases:

- \* An invoice cannot be stopped when the due date has past.
- \* If the invoice is sent by Factoring or Fakturabelåning

To stop the invoice define the pause element to true.

To activate the invoice after this operation is used you have to define the element "pause" to false.

There's two acceptable alternatives to match the invoice. By using:

- \* The OCR number provided in the response by Inkassogram when the invoice was created.
- \* The unique orderNo sent by the customer in the request when the invoice was created.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.5.1](#) example.

Upon receipt of a valid XML request, the Inkassogram platform will prepare the delivery to the end customer and return an XML response as described in [Section 2.5.2](#).

### 2.6.1 PauseInvoice Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
```

```

<ns2:PauseInvoiceRequest>
  <request>
    <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
    <ns1:customerno>333</ns1:customerno>
    <ns1:ocr>1003199708</ns1:ocr>
    <ns1:pause>true</ns1:pause>
  </request>
</ns2:PauseInvoiceRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

## 2.6.2 PauseInvoice Response

```

<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="http://schema.example.com" xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns:SOAP-
  ENC="http://schemas.xmlsoap.org/soap/encoding/" SOAP-
  ENV:encodingStyle="http://schemas.xmlsoap.org/soap/encoding/">
  <SOAP-ENV:Body>
    <ns1:pause_invoiceResponse>
      <status xsi:type="xsd:int">1</status>
      <ocr xsi:type="xsd:int">12345678</ocr>
      <order_no xsi:type="xsd:string">facebook_58391</order_no>
    </ns1:pause_invoiceResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

## 2.6.3 PauseInvoice Data Dictionary

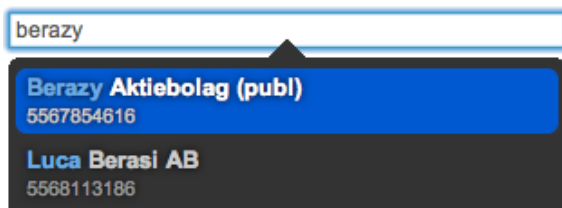
Explained elements for PauseInvoice operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
order_no	String	Yes, if ocr is used instead		order number/transaction number sent to Inkassogram when the invoice was created
ocr	Integer	Yes, if order_no is used instead		OCR number received in the response when the invoice was created
pause	Boolean	Yes	true/false	To pause the invoice use define this to true otherwise false. Default value will be false.
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
ocr	Integer	No		OCR number
order_no	String	No		order number/transaction number sent to Inkassogram when the invoice was created



## 2.7 SearchCompany

To fetch information about a company this method could easily be used.  
Below is an example of how this operation can be used.  
By doing a request with `phonetic_search` (true) will have a result list of the following matches



If the element `phonetic_search` (false) is used the result will just match "Inkassogram Aktiebolag (publ)" in this example.

### 2.7.1 SearchCompany Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:SearchCompanyRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:client_ip></ns1:client_ip>
        <ns1:company_name>Inkassogram</ns1:company_name>
        <ns1:phonetic_search>true</ns1:phonetic_search>
        <ns1:number_hits>10</ns1:number_hits>
      </request>
    </ns2:SearchCompanyRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.7.2 SearchCompany Response

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:SearchCompanyResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:rows>
          <ns1:company>
            <ns1:company_name>Inkassogram Aktiebolag (publ)</ns1:company_name>
            <ns1:organization_number>5567854616</ns1:organization_number>
            <ns1:address>LILLA BOMMEN 1</ns1:address>
            <ns1:zip>41104</ns1:zip>
            <ns1:city>GÖTEBORG</ns1:city>
          </ns1:company>
          <ns1:company>
            <ns1:company_name>Luca Berasi AB</ns1:company_name>
            <ns1:organization_number>5568113186</ns1:organization_number>
            <ns1:address>GÄRDESVÄGEN 2 B</ns1:address>
            <ns1:zip>43651</ns1:zip>
            <ns1:city>HOVÅS</ns1:city>
          </ns1:company>
        </ns1:rows>
      </response>
    </ns2:SearchCompanyResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.7.3 SearchCompany Data Dictionary

Explained elements for SearchCompany operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
company_name	String	No		A company name as "Volvo"
phonetic_search	Boolean	No	1/0	Searching for "Berasy" with this to false will have no results. True will result in "Inkassogram"
country	String	Yes		
number_hits	Integer	No	1-40	Number of results in array set
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed
rows		Yes		
company		Yes		
company_name		Yes		
organization_number		Yes		
customer_address		Yes		
customer_zip		Yes		
customer_city		Yes		

Element	Data Type	Optional	Value	Description
country		Yes		

## 2.8 DailySale

Get the total amount of one calendar day sale. This method does sum all transactions for one calendar day a month. Used for daily reconciliations.

### 2.8.1 DailySale Request

No example available.

### 2.8.2 DailySale Response

No example available.

### 2.8.3 DailySale Data Dictionary

Explained elements for DailySale operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged
order_no	String	Yes, if ocr is used instead		order number/transaction number sent to Inkassogram when the invoice was created

Element	Data Type	Optional	Value	Description
ocr	Integer	Yes, if order_no is used instead		OCR number received in the response when the invoice was created
date	Integer		Unix time	Enter the date you would like to fetch the statistic for
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
amount	Integer	No		Sum of all transactions for the requested day

## 2.9 InvoiceDetails

Fetch all contact details and references of an invoice. If an update appears in our system a callback can be used to update the integrated system with this information such as new invoice receiver address.

The callback will trigger the URL received from the createInvoice request API.

### 2.9.1 InvoiceDetails Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:InvoiceDetailsRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:ocr>1003199708</ns1:ocr>
      </request>
    </ns2:InvoiceDetailsRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.9.2 InvoiceDetails Response

This example doesn't include all data that will be received. See the data dictionary in next section for all available elements.

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:InvoiceDetailsResponse>
      <response>
        <ns1:ocr>1003199708</ns1:ocr>
        <ns1:ssn>5567854616</ns1:ssn>
        <ns1:organization_number>5567854616</ns1:organization_number>
        <ns1:customer_name>Inkassogram Aktiebolag (publ)</ns1:customer_name>
        <ns1:address>LILLA BOMMEN 1</ns1:address>
        <ns1:zip>41104</ns1:zip>
        <ns1:city>GÖTEBORG</ns1:city>
        <ns1:email></ns1:email>
        <ns1:mobile></ns1:mobile>
        <ns1:invoice_reference>Fakturanummer: 5922</ns1:invoice_reference>
        <ns1:country></ns1:country>
      </response>
    </ns2:InvoiceDetailsResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.9.3 InvoiceDetails Data Dictionary

Explained elements for InvoiceDetails operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
order_no	String	Yes, if ocr is used instead		order number/transaction number sent to Inkassogram when the invoice was created
ocr	Integer	Yes, if order_no is used instead		OCR number received in the response when the invoice was created
<b>Response</b>				

Element	Data Type	Optional	Value	Description
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
ocr	Integer	No		OCR number
order_no	String	Yes		order number/transaction number sent to Inkassogram when the invoice was created
ssn	String	Yes		
organization_number	String	Yes		
customer_name	String	Yes		
address	String	Yes		
zip	String	Yes		
city	String	Yes		
email	String	Yes		
mobile	String	Yes		
our_reference	String	Yes		
your_reference	String	Yes		
country	String	Yes		
careof_address1	String	Yes		
careof_address2	String	Yes		
careof_address3	String	Yes		

Element	Data Type	Optional	Value	Description
careof_address4	String	Yes		
careof_address5	String	Yes		
careof_email	String	Yes		
<b>file_distribution -&gt; file</b>	Complex Type of file	Yes		Unbounded
file -> created	String	Yes		
file -> printSetup	Integer	Yes		
file -> file	String	Yes		
file -> invoiceState	String	Yes		



## 2.10 SearchInvoices

Fetch available information from the system about one or more invoices. This operations does also provide additional statistic such as number unpaid, paid, credited invoices etc.

The search can be done with several restrictions. Please se the data dictionary for further information about the request and response data.

### 2.10.1 SearchInvoices Request

No example available.

### 2.10.2 SearchInvoices Response

No example available.

### 2.10.3 SearchInvoices Data Dictionary

Explained elements for SearchInvoices operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number

Element	Data Type	Optional	Value	Description
date_from				
date_to				
receiver_name				
address				
ssn				
organization_number				
company_name				
invoice_price_from				
invoice_price_to				
ocr	String			OCR number received in the response when the invoice was created
order_no	String			order number/transaction number sent to Inkassogram when the invoice was created
billing_var2				

Element	Data Type	Optional	Value	Description
invoice_order_no				
payment_status				
amount_left_bigger_than_or_equal_to				
amount_left_lesser_than				
due_date_bigger_than_or_equal_to				
due_date_lesser_than				
number_hits				
get_hits_from				
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
number_invoices	Integer	No		OCR number
number_paid	String	No		order number/transaction number sent to Inkassogram when the invoice was created

Element	Data Type	Optional	Value	Description
number_unpaid	String			
number_credited	String			
amount_invoiced	String			
amount_unpaid	String			
amount_credited	String			
<b>invoices</b>	Complex Type of Invoice that is unbound ed			
ocr	String			
order_no	String			
customer_name	String			
customer_address1	String			
customer_address2	String			
customer_address3	String			
customer_zip	String			
customer_city	String			
customer_country	String			
customer_ssn	String			

Element	Data Type	Optional	Value	Description
customer_orgno				
customer_email	String			
customer_mobile				
invoice_date				
invoice_due_date				
reminder_date				
reminder_due_date				
debt_collection_date				
debt_collection_due_date				
invoice_pdf				
reminder_pdf				
debt_collection_pdf				
price				
amount_left				
amount_credited				
payment_status				
company_name				

## 2.11 BankIDAuthentication

Authentication for mobile BankID and BankID on file. This integration can be done in two different steps. Either of them works for the end-user but depending on your system design one of them may be more common for your use. By activating `auth_and_collect` setting you don't need to use the operation `BankIDCollect`.

### By calling this operation with `auth_and_collect = true`

After you done the request to the service, the end-user need to start their BankID app and verify themselves. It might take a while to get the response depending on the TTL for the request and how fast the verifying process is done by the end-user.

### While calling this operation without or with `auth_and_collect = false`

You need to make an additional call to the operation `BankIDCollect` with the `order_ref` received from this request.

### Launching the BankID app from a browser

When the BankID app is installed the schema "bankid" is registered in the operating system. When the BankID schema is requested from the browser the operating system launches the BankID app. The URL works in Android, iOS and Windows Phone 8 when the built-in web browser is used. The URL works in PCs with all commonly used browsers. Some differences exist on different platforms.

The URL syntax is:

`bankid:///?autostarttoken=[TOKEN]&redirect=[RETURNURL]`

Note that the `redirect` parameter must be last in the parameter list. The `autostarttoken` parameter is optional, and the `redirect` parameter can be defined as `NULL`. The `redirect` parameter need to be URL-encoded.

Note that you need to define the TTL for the API client e.g. `CURL` TTL if using `curl`.

### 2.11.1 BankIDAuthentication Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:BankIDAuthenticationRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:auth_and_collect>false</ns1:auth_and_collect>
        <ns1:ssn>19800000XXXX</ns1:ssn>
      </request>
    </ns2:BankIDAuthenticationRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

```

    </request>
  </ns2:BankIDAuthenticationRequest>
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

## 2.11.2 BankIDAuthentication Response

```

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:BankIDAuthenticationResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:auto_start_token>da0fa2d4-2eee-4703-a07e-
0a352f1b9d25</ns1:auto_start_token>
        <ns1:order_ref>08d002bf-1e99-4b18-8024-aab5588527f8</ns1:order_ref>
      </response>
    </ns2:BankIDAuthenticationResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>

```

## 2.11.3 BankIDAuthentication Data Dictionary

Explained elements for BankIDAuthentication operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
auth_and_collect	Boolean	Yes	TRUE/FALSE	order number/transaction number sent to Inkassogram when the invoice was created
ttl	Integer	Yes	recommended 90 sec	Time to live for the request. Is just used if auth_and_collect = true

Element	Data Type	Optional	Value	Description
ssn	String	No	YYYYMMDD XXXX / YYMMDDXX XX	Social security number
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
auto_start_token	String	No		If launching BankID app the auto_start_token should be defined as a parameter
order_ref	String	No		If auth_and_collect = false or inactive this parameter should be used in BankIDCollect operation



## 2.12 BankIDCollect

Before using this operation a call need to be done with the BankIDAuthentication operation.

Note that you need to define the TTL for the API client e.g. CURL TTL if using curl.

This operation is not mandatory to get BankID working. You can either make everything in one request using BankIDAuthentication operation with `auth_and_collect = true`. Otherwise this operation need to be called.

### 2.12.1 BankIDCollect Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:BankIDCollectRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:order_ref>08d002bf-1e99-4b18-8024-aab5588527f8</ns1:order_ref>
        <ns1:ttn>35</ns1:ttn>
      </request>
    </ns2:BankIDCollectRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.12.2 BankIDCollect Response

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>183</faultcode>
      <faultstring>BankID kunde inte identifiera dig, identifieringen
        avbruten, vänligen försök på nytt!</faultstring>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.12.3 BankIDCollect Data Dictionary

Explained elements for BankIDCollect operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
order_ref	Boolean	Yes	TRUE/FALSE	Received from BankIDAuthentication request
ttl	Integer	Yes	recommended 90 sec	Time to live for the request. Is just used if auth_and_collect = true
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again

## 3 Partner SOAP operations

### 3.1 SaveCompany

Boarding of a new customer from a partner system. This request requires a reseller\_key. A company can be saved to the system using a organization number.

#### 3.1.1 SaveCompany Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:SaveCompanyRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:company_organization_number>559025-
8629</ns1:company_organization_number>
        <ns1:company_vat_number />
        <ns1:invoice_contact_email />
        <ns1:reseller_key>RESELLER KEY</ns1:reseller_key>
      </request>
    </ns2:SaveCompanyRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

#### 3.1.2 SaveCompany Response

No example available.

#### 3.1.3 SaveCompany Data Dictionary

Explained elements for SaveCompany operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
company_name	String	Yes		Name of the company
company_address	String	Yes		Address
company_zip	String	Yes		Zip code
company_city	String	Yes		City
company_organizational_number	String	No		Organization number
company_vat_number	String	No	Can be empty	VAT number if available
company_bg_account_number	String	Yes		BG account number for debt payments
company_pg_account_number	String	Yes		PG account number for debt payments

Element	Data Type	Optional	Value	Description
invoice_contact_phone	String	Yes		Phone number for support
invoice_contact_email	String	No		Email address for support
invoice_contact_web	String	Yes		
invoice_logo	String	Yes	base 64 encoded image	PNG/JPG/JPEG
invoice_static_text	String	Yes		Static text printed on invoices and in emails
ip_address	String	Yes		Public service ip address for partner system if it is a static address.
reseller_key	String	No		API key for a reseller
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged

Element	Data Type	Optional	Value	Description
ip_address	String			

## 3.2 SaveUserToCompany

Save a user associated to an existing company. A user is used to login through the admin pages and to administrate all transactions in the system.

### 3.2.1 SaveUserToCompany Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:SaveUserToCompanyRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:first_name>SURNAME</ns1:first_name>
        <ns1:last_name>LAST_NAME</ns1:last_name>
        <ns1:mobile_number>MOBILE_NUMBER</ns1:mobile_number>
        <ns1:ssn>SSN</ns1:ssn>
        <ns1:email>simon@inkassogram.com</ns1:email>
      </request>
    </ns2:SaveUserToCompanyRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.2.2 SaveUserToCompany Response

No example available.

### 3.2.3 SaveUserToCompany Data Dictionary

Explained elements for SaveUserToCompany operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
first_name	String	No		First name / surname
last_name	String	No		Last name
mobile_number	String	No		Mobile telephone number
ssn	String	No		Social Security Number for the user to authenticate through BankID while login
email	String			Email address
password	String	Yes		Password
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again



Element	Data Type	Optional	Value	Description
billing_var2	String	No		Used in createInvoice request to connect an invoice with an user.

### 3.3 SaveSsnForUserToCompany

Deprecated

#### 3.3.1 SaveSsnForUserToCompany Request

No example available.

#### 3.3.2 SaveSsnForUserToCompany Response

No example available.

#### 3.3.3 SaveSsnForUserToCompany Data Dictionary

Explained elements for SaveSsnForUserToCompany operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
billing_var2	String			
ssn	String	No		Social Security Number for the user to authenticate through BankID while login
<b>Response</b>				

Element	Data Type	Optional	Value	Description
status	Integer	No	1/0	1 for success, 0 failed already under process, try again

## 3.4 GetUsersFromCompany

Get existing users from an existing company.

### 3.4.1 GetUsersFromCompany Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:GetUsersFromCompanyRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
      </request>
    </ns2:GetUsersFromCompanyRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.4.2 GetUsersFromCompany Response

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:GetUsersFromCompanyResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:users>
          <ns1:user>
            <ns1:first_name>Simon</ns1:first_name>
            <ns1:last_name>Stål</ns1:last_name>
            <ns1:mobile_number>0761101010</ns1:mobile_number>
            <ns1:ssn>YYYYMMDDXXX</ns1:ssn>
            <ns1:email>simon@inkassogram.com</ns1:email>
            <ns1:billing_var2>407</ns1:billing_var2>
          </ns1:user>
          <ns1:user>
            <ns1:first_name>SURNAME</ns1:first_name>
            <ns1:last_name>LAST_NAME</ns1:last_name>
            <ns1:mobile_number>MOBILE_NUMBER</ns1:mobile_number>
            <ns1:ssn></ns1:ssn>
            <ns1:email>simon@inkassogram.com</ns1:email>
            <ns1:billing_var2>451</ns1:billing_var2>
          </ns1:user>
        </ns1:users>
      </response>
    </ns2:GetUsersFromCompanyResponse>
```

```
</SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.4.3 GetUsersFromCompany Data Dictionary

Explained elements for GetUsersFromCompany operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
<b>users -&gt; user</b>	Complex Type of user			
first_name		No		First name / surname
last_name		No		Last name
mobile_number		No		Mobile telephone number
ssn		No		Social Security Number
email		No		Email address

Element	Data Type	Optional	Value	Description
billing_var2		No		User identity

## 3.5 GetExistingCompany

Get an existing company associated to a reseller.

### 3.5.1 GetExistingCompany Request

```
<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ns1="urn:https://types.invoice.inkassogram.se:v2"
  xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v2">
  <SOAP-ENV:Body>
    <ns2:GetExistingCompanyRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:company_organization_number>ORG</ns1:company_organization_number>
        <ns1:reseller_key>RESELLER KEY</ns1:reseller_key>
      </request>
    </ns2:GetExistingCompanyRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.5.2 GetExistingCompany Response

No example available.

### 3.5.3 GetExistingCompany Data Dictionary

Explained elements for GetExistingCompany operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged

Element	Data Type	Optional	Value	Description
company_organizational_number	String	No		Organization number for the company to fetch
reseller_key	String	No		API key for a reseller
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged
ip_address	String	Yes		

## 3.6 ValidateAndSendInkassogram

This method is similar to ActivateInvoice. The different is that all invoices to activate through this method needs to be associated to a specific user on the company. The user need to have BankID installed to verify the activation.

### 3.6.1 ValidateAndSendInkassogram Request

No example available.

### 3.6.2 ValidateAndSendInkassogram Response

No example available.



### 3.6.3 ValidateAndSendInkassogram Data Dictionary

Explained elements for ValidateAndSendInkassogram operation Request/Response.

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged
<b>invoices_to_activate</b>	Complex Type of ocr			Array with OCRs to send/activate
billing_var2				
ssn				
clearing_and_account_number				
<b>ocr</b>	array			
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again

## 4.0 WSDL

```
<?xml version="1.0" encoding="UTF-8"?>
<wSDL:definitions
  xmlns="http://schemas.xmlsoap.org/wsdl/"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:wSDL="http://schemas.xmlsoap.org/wsdl/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:tns="urn:https://schema.invoice.inkassogram.se:v2"
  xmlns:res="urn:https://types.invoice.inkassogram.se:v2"
  targetNamespace="urn:https://schema.invoice.inkassogram.se:v2">

  <wSDL:documentation>Version: 2.0</wSDL:documentation>
  <wSDL:types>
    <xsd:schema targetNamespace="urn:https://schema.invoice.inkassogram.se:v2">
      <xsd:import

schemaLocation="https://api.inkassogram.se/soap/wsdl/inkassogram_invoice_tools_schema_2
.0.xsd"
        namespace="urn:https://types.invoice.inkassogram.se:v2"
      />

      <xsd:element name="SsnCheckRequest">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="request" type="res:SsnCheckRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="SsnCheckResponse">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="response" type="res:SsnCheckResponseType"
minOccurs="0" nillable="true" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>

      <xsd:element name="InvoiceStatusRequest">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="request" type="res:InvoiceStatusRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:element name="InvoiceStatusResponse">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="response" type="res:InvoiceStatusResponseType"
minOccurs="0" nillable="true" />
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>

      <xsd:element name="InvoiceDetailsRequest">
        <xsd:complexType>
```

```

        <xsd:sequence>
            <xsd:element name="request" type="res:InvoiceDetailsRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="InvoiceDetailsResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="response" type="res:InvoiceDetailsResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<xsd:element name="ActivateInvoiceRequest">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="request" type="res:ActivateInvoiceRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="ActivateInvoiceResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="response" type="res:ActivateInvoiceResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<xsd:element name="ResendInvoiceRequest">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="request" type="res:ResendInvoiceRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="ResendInvoiceResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="response" type="res:ResendInvoiceResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<xsd:element name="UpdateInterestRequest">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="request" type="res:UpdateInterestRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="UpdateInterestResponse">
    <xsd:complexType>
        <xsd:sequence>

```

```

        <xsd:element name="response" type="res:UpdateInterestResponseType"
minOccurs="0" nillable="true" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="BankIDAuthenticationRequest">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="request"
type="res:BankIDAuthenticationRequestType" minOccurs="1" maxOccurs="1" nillable="false"
/>
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="BankIDAuthenticationResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="response"
type="res:BankIDAuthenticationResponseType" minOccurs="0" nillable="true" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="BankIDCollectRequest">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="request" type="res:BankIDCollectRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="BankIDCollectResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="response" type="res:BankIDCollectResponseType"
minOccurs="0" nillable="true" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="PauseInvoiceRequest">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="request" type="res:PauseInvoiceRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>
  <xsd:element name="PauseInvoiceResponse">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="response" type="res:PauseInvoiceResponseType"
minOccurs="0" nillable="true" />
      </xsd:sequence>
    </xsd:complexType>
  </xsd:element>

  <xsd:element name="SearchCompanyRequest">
    <xsd:complexType>
      <xsd:sequence>

```

```

        <xsd:element name="request" type="res:SearchCompanyRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SearchCompanyResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="response" type="res:SearchCompanyResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<xsd:element name="FetchInvoiceRowsRequest">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="request" type="res:FetchInvoiceRowsRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="FetchInvoiceRowsResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="response" type="res:FetchInvoiceRowsResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<xsd:element name="SearchInvoicesRequest">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="request" type="res:SearchInvoicesRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SearchInvoicesResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="response" type="res:SearchInvoicesResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

<xsd:element name="SaveCompanyRequest">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="request" type="res:SaveCompanyRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>
<xsd:element name="SaveCompanyResponse">
    <xsd:complexType>
        <xsd:sequence>
            <xsd:element name="response" type="res:SaveCompanyResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
    </xsd:complexType>
</xsd:element>

```

```

        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <xsd:element name="SaveUserToCompanyRequest">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="request" type="res:SaveUserToCompanyRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SaveUserToCompanyResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="response" type="res:SaveUserToCompanyResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <xsd:element name="SaveSsnForUserToCompanyRequest">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="request"
type="res:SaveSsnForUserToCompanyRequestType" minOccurs="1" maxOccurs="1"
nillable="false" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="SaveSsnForUserToCompanyResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="response"
type="res:SaveSsnForUserToCompanyResponseType" minOccurs="0" nillable="true" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <xsd:element name="GetUsersFromCompanyRequest">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="request" type="res:GetUsersFromCompanyRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetUsersFromCompanyResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="response"
type="res:GetUsersFromCompanyResponseType" minOccurs="0" nillable="true" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <xsd:element name="GetExistingCompanyRequest">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="request" type="res:GetExistingCompanyRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />

```

```

        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="GetExistingCompanyResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="response"
type="res:GetExistingCompanyResponseType" minOccurs="0" nillable="true" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <xsd:element name="ValidateAndSendInkassogramRequest">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="request"
type="res:ValidateAndSendInkassogramRequestType" minOccurs="1" maxOccurs="1"
nillable="false" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="ValidateAndSendInkassogramResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="response"
type="res:ValidateAndSendInkassogramResponseType" minOccurs="0" nillable="true" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>

    <xsd:element name="CancelInkassogramRequest">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="request" type="res:CancelInkassogramRequestType"
minOccurs="1" maxOccurs="1" nillable="false" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
    <xsd:element name="CancelInkassogramResponse">
      <xsd:complexType>
        <xsd:sequence>
          <xsd:element name="response" type="res:CancelInkassogramResponseType"
minOccurs="0" nillable="true" />
        </xsd:sequence>
      </xsd:complexType>
    </xsd:element>
  </xsd:schema>
</wsdl:types>

<message name="SsnCheckRequest">
  <part name="parameters" element="tns:SsnCheckRequest"/>
</message>
<message name="SsnCheckResponse">
  <part name="parameters" element="tns:SsnCheckResponse"/>
</message>
<message name="InvoiceStatusRequest">
  <part name="parameters" element="tns:InvoiceStatusRequest"/>
</message>
<message name="InvoiceStatusResponse">
  <part name="parameters" element="tns:InvoiceStatusResponse"/>
</message>

```

```

<message name="InvoiceDetailsRequest">
  <part name="parameters" element="tns:InvoiceDetailsRequest"/>
</message>
<message name="InvoiceDetailsResponse">
  <part name="parameters" element="tns:InvoiceDetailsResponse"/>
</message>
<message name="ActivateInvoiceRequest">
  <part name="parameters" element="tns:ActivateInvoiceRequest"/>
</message>
<message name="ActivateInvoiceResponse">
  <part name="parameters" element="tns:ActivateInvoiceResponse"/>
</message>
<message name="ResendInvoiceRequest">
  <part name="parameters" element="tns:ResendInvoiceRequest"/>
</message>
<message name="ResendInvoiceResponse">
  <part name="parameters" element="tns:ResendInvoiceResponse"/>
</message>
<message name="UpdateInterestRequest">
  <part name="parameters" element="tns:UpdateInterestRequest"/>
</message>
<message name="UpdateInterestResponse">
  <part name="parameters" element="tns:UpdateInterestResponse"/>
</message>
<message name="BankIDAuthenticationRequest">
  <part name="parameters" element="tns:BankIDAuthenticationRequest"/>
</message>
<message name="BankIDAuthenticationResponse">
  <part name="parameters" element="tns:BankIDAuthenticationResponse"/>
</message>
<message name="BankIDCollectRequest">
  <part name="parameters" element="tns:BankIDCollectRequest"/>
</message>
<message name="BankIDCollectResponse">
  <part name="parameters" element="tns:BankIDCollectResponse"/>
</message>
<message name="PauseInvoiceRequest">
  <part name="parameters" element="tns:PauseInvoiceRequest"/>
</message>
<message name="PauseInvoiceResponse">
  <part name="parameters" element="tns:PauseInvoiceResponse"/>
</message>
<message name="SearchCompanyRequest">
  <part name="parameters" element="tns:SearchCompanyRequest"/>
</message>
<message name="SearchCompanyResponse">
  <part name="parameters" element="tns:SearchCompanyResponse"/>
</message>
<message name="FetchInvoiceRowsRequest">
  <part name="parameters" element="tns:FetchInvoiceRowsRequest"/>
</message>
<message name="FetchInvoiceRowsResponse">
  <part name="parameters" element="tns:FetchInvoiceRowsResponse"/>
</message>
<message name="SearchInvoicesRequest">
  <part name="parameters" element="tns:SearchInvoicesRequest"/>
</message>
<message name="SearchInvoicesResponse">
  <part name="parameters" element="tns:SearchInvoicesResponse"/>
</message>
<message name="SaveCompanyRequest">

```



```

    <part name="parameters" element="tns:SaveCompanyRequest"/>
  </message>
  <message name="SaveCompanyResponse">
    <part name="parameters" element="tns:SaveCompanyResponse"/>
  </message>
  <message name="SaveUserToCompanyRequest">
    <part name="parameters" element="tns:SaveUserToCompanyRequest"/>
  </message>
  <message name="SaveUserToCompanyResponse">
    <part name="parameters" element="tns:SaveUserToCompanyResponse"/>
  </message>
  <message name="SaveSsnForUserToCompanyRequest">
    <part name="parameters" element="tns:SaveSsnForUserToCompanyRequest"/>
  </message>
  <message name="SaveSsnForUserToCompanyResponse">
    <part name="parameters" element="tns:SaveSsnForUserToCompanyResponse"/>
  </message>
  <message name="GetUsersFromCompanyRequest">
    <part name="parameters" element="tns:GetUsersFromCompanyRequest"/>
  </message>
  <message name="GetUsersFromCompanyResponse">
    <part name="parameters" element="tns:GetUsersFromCompanyResponse"/>
  </message>
  <message name="GetExistingCompanyRequest">
    <part name="parameters" element="tns:GetExistingCompanyRequest"/>
  </message>
  <message name="GetExistingCompanyResponse">
    <part name="parameters" element="tns:GetExistingCompanyResponse"/>
  </message>
  <message name="ValidateAndSendInkassogramRequest">
    <part name="parameters" element="tns:ValidateAndSendInkassogramRequest"/>
  </message>
  <message name="ValidateAndSendInkassogramResponse">
    <part name="parameters" element="tns:ValidateAndSendInkassogramResponse"/>
  </message>
  <message name="CancelInkassogramRequest">
    <part name="parameters" element="tns:CancelInkassogramRequest"/>
  </message>
  <message name="CancelInkassogramResponse">
    <part name="parameters" element="tns:CancelInkassogramResponse"/>
  </message>

  <wsdl:portType name="InvoiceService">
    <wsdl:operation name="SsnCheck">
      <wsdl:input message="tns:SsnCheckRequest" />
      <wsdl:output message="tns:SsnCheckResponse" />
    </wsdl:operation>
    <wsdl:operation name="InvoiceStatus">
      <wsdl:input message="tns:InvoiceStatusRequest" />
      <wsdl:output message="tns:InvoiceStatusResponse" />
    </wsdl:operation>
    <wsdl:operation name="InvoiceDetails">
      <wsdl:input message="tns:InvoiceDetailsRequest" />
      <wsdl:output message="tns:InvoiceDetailsResponse" />
    </wsdl:operation>
    <wsdl:operation name="ActivateInvoice">
      <wsdl:input message="tns:ActivateInvoiceRequest" />
      <wsdl:output message="tns:ActivateInvoiceResponse" />
    </wsdl:operation>
    <wsdl:operation name="ResendInvoice">
      <wsdl:input message="tns:ResendInvoiceRequest" />
    </wsdl:operation>
  </wsdl:portType>

```

```

        <wsdl:output message="tns:ResendInvoiceResponse" />
    </wsdl:operation>
    <wsdl:operation name="UpdateInterest">
        <wsdl:input message="tns:UpdateInterestRequest" />
        <wsdl:output message="tns:UpdateInterestResponse" />
    </wsdl:operation>
    <wsdl:operation name="BankIDAuthentication">
        <wsdl:input message="tns:BankIDAuthenticationRequest" />
        <wsdl:output message="tns:BankIDAuthenticationResponse" />
    </wsdl:operation>
    <wsdl:operation name="BankIDCollect">
        <wsdl:input message="tns:BankIDCollectRequest" />
        <wsdl:output message="tns:BankIDCollectResponse" />
    </wsdl:operation>
    <wsdl:operation name="PauseInvoice">
        <wsdl:input message="tns:PauseInvoiceRequest" />
        <wsdl:output message="tns:PauseInvoiceResponse" />
    </wsdl:operation>
    <wsdl:operation name="SearchCompany">
        <wsdl:input message="tns:SearchCompanyRequest" />
        <wsdl:output message="tns:SearchCompanyResponse" />
    </wsdl:operation>
    <wsdl:operation name="FetchInvoiceRows">
        <wsdl:input message="tns:FetchInvoiceRowsRequest" />
        <wsdl:output message="tns:FetchInvoiceRowsResponse" />
    </wsdl:operation>
    <wsdl:operation name="SearchInvoices">
        <wsdl:input message="tns:SearchInvoicesRequest" />
        <wsdl:output message="tns:SearchInvoicesResponse" />
    </wsdl:operation>
    <wsdl:operation name="SaveCompany">
        <wsdl:input message="tns:SaveCompanyRequest" />
        <wsdl:output message="tns:SaveCompanyResponse" />
    </wsdl:operation>
    <wsdl:operation name="SaveUserToCompany">
        <wsdl:input message="tns:SaveUserToCompanyRequest" />
        <wsdl:output message="tns:SaveUserToCompanyResponse" />
    </wsdl:operation>
    <wsdl:operation name="SaveSsnForUserToCompany">
        <wsdl:input message="tns:SaveSsnForUserToCompanyRequest" />
        <wsdl:output message="tns:SaveSsnForUserToCompanyResponse" />
    </wsdl:operation>
    <wsdl:operation name="GetUsersFromCompany">
        <wsdl:input message="tns:GetUsersFromCompanyRequest" />
        <wsdl:output message="tns:GetUsersFromCompanyResponse" />
    </wsdl:operation>
    <wsdl:operation name="GetExistingCompany">
        <wsdl:input message="tns:GetExistingCompanyRequest" />
        <wsdl:output message="tns:GetExistingCompanyResponse" />
    </wsdl:operation>
    <wsdl:operation name="ValidateAndSendInkassogram">
        <wsdl:input message="tns:ValidateAndSendInkassogramRequest" />
        <wsdl:output message="tns:ValidateAndSendInkassogramResponse" />
    </wsdl:operation>
    <wsdl:operation name="CancelInkassogram">
        <wsdl:input message="tns:CancelInkassogramRequest" />
        <wsdl:output message="tns:CancelInkassogramResponse" />
    </wsdl:operation>
</wsdl:portType>

<binding name="InvoiceServiceBinding" type="tns:InvoiceService">

```

```

<soap:binding style="document" transport="http://schemas.xmlsoap.org/soap/http"/>
<wsdl:operation name="SsnCheck">
  <soap:operation />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="InvoiceStatus">
  <soap:operation />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="InvoiceDetails">
  <soap:operation />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="ActivateInvoice">
  <soap:operation />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="ResendInvoice">
  <soap:operation />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="UpdateInterest">
  <soap:operation />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>
    <soap:body use="literal" />
  </wsdl:output>
</wsdl:operation>
<wsdl:operation name="BankIDAuthentication">
  <soap:operation />
  <wsdl:input>
    <soap:body use="literal" />
  </wsdl:input>
  <wsdl:output>

```

```

        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="BankIDCollect">
    <soap:operation />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="PauseInvoice">
    <soap:operation />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SearchCompany">
    <soap:operation />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="FetchInvoiceRows">
    <soap:operation />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SearchInvoices">
    <soap:operation />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SaveCompany">
    <soap:operation />
    <wsdl:input>
        <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
        <soap:body use="literal" />
    </wsdl:output>
</wsdl:operation>
<wsdl:operation name="SaveUserToCompany">
    <soap:operation />
    <wsdl:input>
        <soap:body use="literal" />

```

```

        </wsdl:input>
        <wsdl:output>
            <soap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="SaveSsnForUserToCompany">
        <soap:operation />
        <wsdl:input>
            <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="GetUsersFromCompany">
        <soap:operation />
        <wsdl:input>
            <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="GetExistingCompany">
        <soap:operation />
        <wsdl:input>
            <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="ValidateAndSendInkassogram">
        <soap:operation />
        <wsdl:input>
            <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
    <wsdl:operation name="CancelInkassogram">
        <soap:operation />
        <wsdl:input>
            <soap:body use="literal" />
        </wsdl:input>
        <wsdl:output>
            <soap:body use="literal" />
        </wsdl:output>
    </wsdl:operation>
</binding>

<wsdl:service name="InvoiceService">
    <wsdl:port name="InvoiceServicePort" binding="tns:InvoiceServiceBinding">
        <soap:address
location="https://api.inkassogram.se/soap/invoice_v2.0"/>
    </wsdl:port>
</wsdl:service>

</wsdl:definitions>

```

## 5.0 XSD Schema

```
<?xml version="1.0" encoding="UTF-8"?>
<schema
  xmlns="http://www.w3.org/2001/XMLSchema"
  xmlns:tns="urn:https://types.invoice.inkassogram.se:v2"
  targetNamespace="urn:https://types.invoice.inkassogram.se:v2"
  elementFormDefault="qualified"
  version="2.0">

  <complexType name="SsnCheckRequestType">
    <sequence>
      <element name="key" type="string" minOccurs="1" maxOccurs="1" />
      <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
      <element name="client_ip" type="string" minOccurs="0" maxOccurs="1" />
      <element name="credit_check" type="int" minOccurs="1" maxOccurs="1" />
      <element name="get_company" type="boolean" minOccurs="0" maxOccurs="1" />
      <element name="email" type="string" minOccurs="0" maxOccurs="1" />
      <element name="ssn" type="string" minOccurs="1" maxOccurs="1" />
      <element name="country" type="string" minOccurs="0" maxOccurs="1" />
      <element name="test" type="boolean" minOccurs="0" maxOccurs="1" />
    </sequence>
  </complexType>

  <complexType name="SsnCheckResponseType">
    <sequence>
      <element name="ssn" type="string" minOccurs="1" maxOccurs="1" />
      <element name="company_name" type="string" minOccurs="0" maxOccurs="1" />
      <element name="first_name" type="string" minOccurs="0" maxOccurs="1" />
      <element name="last_name" type="string" minOccurs="0" maxOccurs="1" />
      <element name="given_name" type="string" minOccurs="0" maxOccurs="1" />
      <element name="address" type="string" minOccurs="0" maxOccurs="1" />
      <element name="zip" type="string" minOccurs="0" maxOccurs="1" />
      <element name="city" type="string" minOccurs="0" maxOccurs="1" />
      <element name="country" type="string" minOccurs="0" maxOccurs="1" />
      <element name="credit_status" type="int" minOccurs="1" maxOccurs="1" />
    </sequence>
  </complexType>

  <complexType name="InvoiceStatusRequestType">
    <sequence>
      <element name="key" type="string" minOccurs="1" maxOccurs="1" />
      <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
      <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
      <element name="ocr" type="int" minOccurs="0" maxOccurs="1" />
    </sequence>
  </complexType>

  <complexType name="InvoiceStatusResponseType">
    <sequence>
      <element name="ocr" type="int" minOccurs="1" maxOccurs="1" />
      <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
      <element name="first_invoice_price" type="int" minOccurs="0" maxOccurs="1" />
      <element name="amount_paid_endcustomer" type="int" minOccurs="1" maxOccurs="1" />
    </sequence>
  </complexType>

  <complexType name="InvoiceStatusResponseType">
    <sequence>
      <element name="amount_left_endcustomer" type="int" minOccurs="1" maxOccurs="1" />
      <element name="amount_debt_paid" type="int" minOccurs="0" maxOccurs="1" />
      <element name="debt_paid" type="int" minOccurs="0" maxOccurs="1" />
      <element name="money_received" type="int" minOccurs="0" maxOccurs="1" />
    </sequence>
  </complexType>

</schema>
```

```

    <element name="partPayment" type="int" minOccurs="0" maxOccurs="1" />
    <element name="invoice_cost" type="int" minOccurs="0" maxOccurs="1" />
    <element name="credit_amount" type="int" minOccurs="1" maxOccurs="1" />
    <element name="invoice_pdf" type="string" minOccurs="0" maxOccurs="1" />
    <element name="invoice_date" type="string" minOccurs="0" maxOccurs="1" />
    <element name="invoice_due_date" type="string" minOccurs="0" maxOccurs="1" />
    <element name="reminder_pdf" type="string" minOccurs="0" maxOccurs="1" />
    <element name="reminder_date" type="string" minOccurs="0" maxOccurs="1" />
    <element name="reminder_due_date" type="string" minOccurs="0" maxOccurs="1" />
    <element name="debt_collection_pdf" type="string" minOccurs="0" maxOccurs="1" />
  />

  <element name="debt_collection_date" type="string" minOccurs="0" maxOccurs="1" />
  />

  <element name="debt_collection_due_date" type="string" minOccurs="0"
maxOccurs="1" />
  <element name="refund_pdf" type="string" minOccurs="0" maxOccurs="1" />
  <element name="skip_reminder" type="boolean" minOccurs="0" maxOccurs="1" />
  <element name="skip_debt_collection" type="boolean" minOccurs="0"
maxOccurs="1" />
  <element name="payments" type="tns:paymentsType" minOccurs="0" maxOccurs="1" />
  />
</sequence>
</complexType>
<complexType name="paymentType">
  <sequence>
    <element minOccurs="1" maxOccurs="1" name="date" type="string" />
    <element minOccurs="1" maxOccurs="1" name="amount" type="int" />
    <element minOccurs="1" maxOccurs="1" name="sender" type="string" />
    <element minOccurs="1" maxOccurs="1" name="type" type="string" />
  </sequence>
</complexType>
<complexType name="paymentsType">
  <sequence>
    <element minOccurs="0" maxOccurs="unbounded" name="payment" nillable="true"
type="tns:paymentType" />
  </sequence>
</complexType>

<complexType name="InvoiceDetailsRequestType">
  <sequence>
    <element name="key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
    <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
    <element name="ocr" type="int" minOccurs="0" maxOccurs="1" />
  </sequence>
</complexType>
<complexType name="InvoiceDetailsResponseType">
  <sequence>
    <element name="ocr" type="int" minOccurs="1" maxOccurs="1" />
    <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
    <element name="ssn" type="string" minOccurs="1" maxOccurs="1" />
    <element name="organization_number" type="string" minOccurs="0" maxOccurs="1" />
  </sequence>
  <sequence>
    <element name="customer_name" type="string" minOccurs="1" maxOccurs="1" />
    <element name="address" type="string" minOccurs="0" maxOccurs="1" />
    <element name="zip" type="string" minOccurs="0" maxOccurs="1" />
    <element name="city" type="string" minOccurs="0" maxOccurs="1" />
    <element name="email" type="string" minOccurs="0" maxOccurs="1" />
    <element name="mobile" type="string" minOccurs="0" maxOccurs="1" />
    <element name="our_reference" type="string" minOccurs="0" maxOccurs="1" />
    <element name="your_reference" type="string" minOccurs="0" maxOccurs="1" />
  </sequence>
</complexType>

```



```

        <element name="invoice_reference" type="string" minOccurs="0" maxOccurs="1" />
        <element name="invoice_order_no" type="string" minOccurs="0" maxOccurs="1" />
        <element name="country" type="string" minOccurs="0" maxOccurs="1" />
        <element name="careof_address1" type="string" minOccurs="0" maxOccurs="1" />
        <element name="careof_address2" type="string" minOccurs="0" maxOccurs="1" />
        <element name="careof_address3" type="string" minOccurs="0" maxOccurs="1" />
        <element name="careof_address4" type="string" minOccurs="0" maxOccurs="1" />
        <element name="careof_address5" type="string" minOccurs="0" maxOccurs="1" />
        <element name="careof_email" type="string" minOccurs="0" maxOccurs="1" />
        <element name="file_distribution" type="tns:file_distributionType"
minOccurs="0" maxOccurs="1" />
    </sequence>
</complexType>
<complexType name="fileType">
    <sequence>
        <element minOccurs="1" maxOccurs="1" name="created" type="string" />
        <element minOccurs="1" maxOccurs="1" name="printSetup" type="int" />
        <element minOccurs="1" maxOccurs="1" name="file" type="string" />
        <element minOccurs="1" maxOccurs="1" name="invoiceState" type="string" />
    </sequence>
</complexType>
<complexType name="file_distributionType">
    <sequence>
        <element minOccurs="0" maxOccurs="unbounded" name="file" nillable="true"
type="tns:fileType" />
    </sequence>
</complexType>

<complexType name="ActivateInvoiceRequestType">
    <sequence>
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
        <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
        <element name="ocr" type="int" minOccurs="0" maxOccurs="1" />
        <element name="send_invoice_date" type="int" minOccurs="0" maxOccurs="1" />
        <element name="invoice_due_date" type="int" minOccurs="0" maxOccurs="1" />
    </sequence>
</complexType>
<complexType name="ActivateInvoiceResponseType">
    <sequence>
        <element name="status" type="int" minOccurs="1" maxOccurs="1" />
        <element name="ocr" type="int" minOccurs="1" maxOccurs="1" />
        <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
    </sequence>
</complexType>

<complexType name="ResendInvoiceRequestType">
    <sequence>
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" maxOccurs="1"
/>
        <element name="order_no" type="string" minOccurs="0"
maxOccurs="1"/>
        <element name="ocr" type="int" minOccurs="0" maxOccurs="1"/>
        <element name="invoice_state" type="int" minOccurs="0"
maxOccurs="1"/>
        <element name="print_setup" type="int" minOccurs="0"
maxOccurs="1"/>
        <element name="email" type="string" minOccurs="0" maxOccurs="1"/>
        <element name="mobile" type="string" minOccurs="0" maxOccurs="1"/>
    </sequence>
</complexType>

```



```

maxOccurs="1"/>
<element name="clear_co_address" type="boolean" minOccurs="0"
maxOccurs="1"/>
<element name="co_email" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="co_address1" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="co_address2" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="co_address3" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="co_address4" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="co_address5" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="invoice_reference" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="invoice_order_no" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="our_reference" type="string" minOccurs="0"
maxOccurs="1"/>
<element name="your_reference" type="string" minOccurs="0"
maxOccurs="1"/>
</sequence>
</complexType>
<complexType name="ResendInvoiceResponseType">
<sequence>
<element name="status" type="int" minOccurs="1" maxOccurs="1" />
<element name="ocr" type="int" minOccurs="1" maxOccurs="1" />
<element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
</sequence>
</complexType>

<complexType name="UpdateInterestRequestType">
<sequence>
<element name="key" type="string" minOccurs="1" maxOccurs="1" />
<element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
<element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
<element name="ocr" type="int" minOccurs="0" maxOccurs="1" />
</sequence>
</complexType>
<complexType name="UpdateInterestResponseType">
<sequence>
<element name="status" type="int" minOccurs="1" maxOccurs="1" />
<element name="ocr" type="int" minOccurs="1" maxOccurs="1" />
<element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
</sequence>
</complexType>

<complexType name="BankIDAuthenticationRequestType">
<sequence>
<element name="key" type="string" minOccurs="1" maxOccurs="1" />
<element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
<element name="auth_and_collect" type="boolean" minOccurs="1" maxOccurs="1" />
<element name="ttl" type="int" minOccurs="0" maxOccurs="1" />
<element name="ssn" type="string" minOccurs="1" maxOccurs="1" />
</sequence>
</complexType>
<complexType name="BankIDAuthenticationResponseType">
<sequence>
<element name="status" type="int" minOccurs="1" maxOccurs="1" />
<element name="auto_start_token" type="string" minOccurs="0" maxOccurs="1" />

```

```

        <element name="order_ref" type="string" minOccurs="0" maxOccurs="1" />
        <element name="given_name" type="string" minOccurs="0" maxOccurs="1" />
        <element name="surname" type="string" minOccurs="0" maxOccurs="1" />
    </sequence>
</complexType>

<complexType name="BankIDCollectRequestType">
    <sequence>
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
        <element name="order_ref" type="string" minOccurs="1" maxOccurs="1" />
        <element name="ttl" type="int" minOccurs="0" maxOccurs="1" />
    </sequence>
</complexType>

<complexType name="BankIDCollectResponseType">
    <sequence>
        <element name="status" type="int" minOccurs="1" maxOccurs="1" />
        <element name="given_name" type="string" minOccurs="0" maxOccurs="1" />
        <element name="surname" type="string" minOccurs="0" maxOccurs="1" />
    </sequence>
</complexType>

<complexType name="PauseInvoiceRequestType">
    <sequence>
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
        <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
        <element name="ocr" type="int" minOccurs="0" maxOccurs="1" />
        <element name="pause" type="boolean" minOccurs="1" maxOccurs="1" />
        <element name="skip_reminder" type="boolean" minOccurs="0" maxOccurs="1" />
        <element name="skip_debt_collection" type="boolean" minOccurs="0"
maxOccurs="1" />
        <element name="invoice_due_date" type="string" minOccurs="0" maxOccurs="1" />
        <element name="reminder_due_date" type="string" minOccurs="0" maxOccurs="1" />
        <element name="debt_collection_due_date" type="string" minOccurs="0"
maxOccurs="1" />
    </sequence>
</complexType>

<complexType name="PauseInvoiceResponseType">
    <sequence>
        <element name="status" type="int" minOccurs="1" maxOccurs="1" />
        <element name="ocr" type="int" minOccurs="1" maxOccurs="1" />
        <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
    </sequence>
</complexType>

<complexType name="SearchCompanyRequestType">
    <sequence>
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
        <element name="client_ip" type="string" minOccurs="0" maxOccurs="1" />
        <choice>
            <element name="company_name" type="string" minOccurs="1"
maxOccurs="1" />
            <element name="organization_number" type="string"
minOccurs="1" maxOccurs="1" />
        </choice>
        <element name="phonetic_search" type="boolean" minOccurs="1" maxOccurs="1" />
        <element name="country" type="string" minOccurs="0" maxOccurs="1" />
        <element name="number_hits" type="int" minOccurs="0" maxOccurs="1" />
    </sequence>

```

```

</complexType>
<complexType name="SearchCompanyResponseType">
  <sequence>
    <element name="status" type="int" minOccurs="1" maxOccurs="1" />
    <element name="rows" type="tns:company_listType" minOccurs="0" maxOccurs="1"
  />
  </sequence>
</complexType>

<complexType name="companyType">
  <sequence>
    <element minOccurs="1" maxOccurs="1" name="company_name" type="string" />
    <element minOccurs="1" maxOccurs="1" name="organization_number" type="string"
  />
    <element minOccurs="0" maxOccurs="1" name="address" type="string" />
    <element minOccurs="0" maxOccurs="1" name="zip" type="string" />
    <element minOccurs="0" maxOccurs="1" name="city" type="string" />
  </sequence>
</complexType>

<complexType name="company_listType">
  <sequence>
    <element minOccurs="0" maxOccurs="unbounded" name="company" nillable="true"
type="tns:companyType" />
  </sequence>
</complexType>

<!-- FetchInvoiceRows -->
<complexType name="FetchInvoiceRowsRequestType">
  <sequence>
    <element name="key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
    <element name="ocr" type="string" minOccurs="0" maxOccurs="1" />
    <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
    <element name="fetch_rows_remain_to_credit" type="boolean" minOccurs="0"
maxOccurs="1" />
  </sequence>
</complexType>
<complexType name="FetchInvoiceRowsResponseType">
  <sequence>
    <element name="status" type="int" minOccurs="1" maxOccurs="1" />
    <element name="invoice_rows" type="tns:invoice_rowsType" minOccurs="0"
maxOccurs="1" />
  </sequence>
</complexType>

<complexType name="invoice_rowType">
  <sequence>
    <element minOccurs="0" maxOccurs="1" name="article_no" type="string" />
    <element minOccurs="1" maxOccurs="1" name="text" type="string" />
    <element minOccurs="0" maxOccurs="1" name="desc" type="string" />
    <element minOccurs="1" maxOccurs="1" name="price" type="int" />
    <element minOccurs="0" maxOccurs="1" name="quantity" type="float" />
    <element minOccurs="1" maxOccurs="1" name="vat" type="int" />
    <element minOccurs="0" maxOccurs="1" name="unit" type="string" />
    <element minOccurs="0" maxOccurs="1" name="bookkeeping_account" type="string"
  />
    <element minOccurs="0" maxOccurs="1" name="project" type="string" />
    <element minOccurs="0" maxOccurs="1" name="profit_unit" type="string" />
  </sequence>
</complexType>

```

```

<complexType name="invoice_rowsType">
  <sequence>
    <element minOccurs="0" maxOccurs="unbounded" name="invoice_row"
nillable="true" type="tns:invoice_rowType" />
  </sequence>
</complexType>

<!-- SearchInvoices -->
<complexType name="SearchInvoicesRequestType">
  <sequence>
    <element name="key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
    <element name="date_from" type="string" minOccurs="0" maxOccurs="1" />
    <element name="date_to" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiver_name" type="string" minOccurs="0" maxOccurs="1" />
    <element name="address" type="string" minOccurs="0" maxOccurs="1" />
    <element name="ssn" type="string" minOccurs="0" maxOccurs="1" />
    <element name="organization_number" type="string" minOccurs="0" maxOccurs="1" />
  </sequence>

  <complexType name="SearchInvoicesResponseType">
    <sequence>
      <element name="company_name" type="string" minOccurs="0" maxOccurs="1" />
      <element name="invoice_price_from" type="int" minOccurs="0" maxOccurs="1" />
      <element name="invoice_price_to" type="int" minOccurs="0" maxOccurs="1" />
      <element name="ocr" type="string" minOccurs="0" maxOccurs="1" />
      <element name="order_no" type="string" minOccurs="0" maxOccurs="1" />
      <element name="billing_var2" type="string" minOccurs="0" maxOccurs="1" />
      <element name="invoice_order_no" type="string" minOccurs="0" maxOccurs="1" />
      <element name="payment_status" type="string" minOccurs="0" maxOccurs="1" />
      <simpleType>
        <restriction base="string">
          <enumeration value="PAID"/>
          <enumeration value="UNPAID"/>
          <enumeration value="PART_PAID"/>
          <enumeration value="CREDITED"/>
          <enumeration value="RESERVED"/>
          <enumeration value="UNPAID_AND_NOT_PAST_DUE_DATE"/>
          <enumeration value="UNPAID_AND_PAST_DUE_DATE"/>
        </restriction>
      </simpleType>
    </sequence>

    <element name="amount_left_bigger_than_or_equal_to" type="int" minOccurs="0"
maxOccurs="1" />
    <element name="amount_left_lesser_than" type="int" minOccurs="0" maxOccurs="1" />
    <element name="due_date_bigger_than_or_equal_to" type="string" minOccurs="0"
maxOccurs="1" />
    <element name="due_date_lesser_than" type="string" minOccurs="0" maxOccurs="1" />
    <element name="number_hits" type="int" minOccurs="0" maxOccurs="1" />
    <element name="get_hits_from" type="int" minOccurs="0" maxOccurs="1" />
  </sequence>
</complexType>

```

```

        <element name="amount_credited" type="int" minOccurs="0" maxOccurs="1" />
        <element name="invoices" type="tns:invoicesType" minOccurs="0" maxOccurs="1"
/>
    </sequence>
</complexType>

<complexType name="invoiceType">
    <sequence>
        <element type="string" name="ocr" maxOccurs="1" minOccurs="0"/>
        <element type="string" name="order_no" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_name" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_address1" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_address2" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_address3" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_zip" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_city" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_country" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_ssn" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_orgno" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_email" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="customer_mobile" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="invoice_date" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="invoice_due_date" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="reminder_date" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="reminder_due_date" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="debt_collection_date" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="debt_collection_due_date"
maxOccurs="1" minOccurs="0"/>
        <element type="string" name="invoice_pdf" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="reminder_pdf" maxOccurs="1"
minOccurs="0"/>
        <element type="string" name="debt_collection_pdf" maxOccurs="1"
minOccurs="0"/>
        <element type="int" name="price" maxOccurs="1" minOccurs="0"/>
        <element type="int" name="amount_left" maxOccurs="1"
minOccurs="0"/>
        <element type="int" name="amount_credited" maxOccurs="1"
minOccurs="0"/>
        <element name="payment_status" maxOccurs="1" minOccurs="0">
            <simpleType>
                <restriction base="string">
                    <enumeration value="PAID"/>
                    <enumeration value="UNPAID"/>

```

```

        <enumeration value="PART_PAID"/>
        <enumeration value="CREDITED"/>
        <enumeration value="RESERVED"/>
    </restriction>
</simpleType>
</element>
<element type="string" name="company_name" maxOccurs="1"
minOccurs="0"/>
</sequence>
</complexType>

<complexType name="invoicesType">
    <sequence>
        <element minOccurs="0" maxOccurs="unbounded" name="invoice" nillable="true"
type="tns:invoiceType" />
    </sequence>
</complexType>

<!-- SaveCompany -->
<complexType name="SaveCompanyRequestType">
    <sequence>
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
        <element name="company_name" type="string" minOccurs="0" maxOccurs="1" />
        <element name="company_address" type="string" minOccurs="0" maxOccurs="1" />
        <element name="company_zip" type="string" minOccurs="0" maxOccurs="1" />
        <element name="company_city" type="string" minOccurs="0" maxOccurs="1" />
        <element name="company_organization_number" type="string" minOccurs="1"
maxOccurs="1" />
        <element name="company_vat_number" type="string" minOccurs="1" maxOccurs="1"
/>
        <element name="company_bg_account_number" type="string" minOccurs="0"
maxOccurs="1" />
        <element name="company_pg_account_number" type="string" minOccurs="0"
maxOccurs="1" />
        <element name="invoice_contact_phone" type="string" minOccurs="0"
maxOccurs="1" />
        <element name="invoice_contact_email" type="string" minOccurs="1"
maxOccurs="1" />
        <element name="invoice_contact_web" type="string" minOccurs="0" maxOccurs="1"
/>
        <element name="invoice_logo" type="string" minOccurs="0" maxOccurs="1" />
        <element name="invoice_static_text" type="string" minOccurs="0" maxOccurs="1"
/>
        <element name="ip_address" type="string" minOccurs="0" maxOccurs="1" />
        <element name="reseller_key" type="string" minOccurs="1" maxOccurs="1" />
    </sequence>
</complexType>
<complexType name="SaveCompanyResponseType">
    <sequence>
        <element name="status" type="int" minOccurs="1" maxOccurs="1" />
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
        <element name="ip_address" type="string" minOccurs="1" maxOccurs="1" />
    </sequence>
</complexType>

<!-- SaveUserToCompany -->
<complexType name="SaveUserToCompanyRequestType">
    <sequence>
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />

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    <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
    <element name="first_name" type="string" minOccurs="1" maxOccurs="1" />
    <element name="last_name" type="string" minOccurs="1" maxOccurs="1" />
    <element name="mobile_number" type="string" minOccurs="1" maxOccurs="1" />
    <element name="ssn" type="string" minOccurs="0" maxOccurs="1" />
    <element name="email" type="string" minOccurs="1" maxOccurs="1" />
    <element name="password" type="string" minOccurs="0" maxOccurs="1" />
  </sequence>
</complexType>
<complexType name="SaveUserToCompanyResponseType">
  <sequence>
    <element name="status" type="int" minOccurs="1" maxOccurs="1" />
    <element name="billing_var2" type="string" minOccurs="1" maxOccurs="1" />
  </sequence>
</complexType>

  <!-- SaveSsnForUserToCompany -->
  <complexType name="SaveSsnForUserToCompanyRequestType">
    <sequence>
      <element name="key" type="string" minOccurs="1" maxOccurs="1" />
      <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
      <element name="billing_var2" type="string" minOccurs="1" maxOccurs="1" />
      <element name="ssn" type="string" minOccurs="1" maxOccurs="1" />
    </sequence>
  </complexType>
  <complexType name="SaveSsnForUserToCompanyResponseType">
    <sequence>
      <element name="status" type="int" minOccurs="1" maxOccurs="1" />
    </sequence>
  </complexType>

  <!-- GetAllUsersFromCompany -->
  <complexType name="GetUsersFromCompanyRequestType">
    <sequence>
      <element name="key" type="string" minOccurs="1" maxOccurs="1" />
      <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
    </sequence>
  </complexType>
  <complexType name="GetUsersFromCompanyResponseType">
    <sequence>
      <element name="status" type="int" minOccurs="1" maxOccurs="1" />
      <element name="users" type="tns:usersType" minOccurs="0" maxOccurs="1" />
    </sequence>
  </complexType>

  <complexType name="userType">
    <sequence>
      <element name="first_name" type="string" minOccurs="1" maxOccurs="1" />
      <element name="last_name" type="string" minOccurs="1" maxOccurs="1" />
      <element name="mobile_number" type="string" minOccurs="1" maxOccurs="1" />
      <element name="ssn" type="string" minOccurs="1" maxOccurs="1" />
      <element name="email" type="string" minOccurs="1" maxOccurs="1" />
      <element name="billing_var2" type="string" minOccurs="1" maxOccurs="1" />
    </sequence>
  </complexType>

  <complexType name="usersType">
    <sequence>
      <element minOccurs="0" maxOccurs="unbounded" name="user" nillable="true"
type="tns:userType" />
    </sequence>

```



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</complexType>

    <!-- GetExistingCompany -->
    <complexType name="GetExistingCompanyRequestType">
        <sequence>
            <element name="key" type="string" minOccurs="1" maxOccurs="1" />
            <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
            <element name="company_organization_number" type="string" minOccurs="1"
maxOccurs="1" />
            <element name="reseller_key" type="string" minOccurs="1" maxOccurs="1" />
        </sequence>
    </complexType>
    <complexType name="GetExistingCompanyResponseType">
        <sequence>
            <element name="status" type="int" minOccurs="1" maxOccurs="1" />
            <element name="key" type="string" minOccurs="1" maxOccurs="1" />
            <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
        </sequence>
    </complexType>

    <!-- ValidateAndSendInkassogram -->
    <complexType name="ValidateAndSendInkassogramRequestType">
        <sequence>
            <element name="key" type="string" minOccurs="1" maxOccurs="1" />
            <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
            <element name="invoices_to_activate" type="tns:invoices_to_activateType"
minOccurs="1" maxOccurs="1" />
            <element name="billing_var2" type="string" minOccurs="1" maxOccurs="1" />
            <element name="ssn" type="string" minOccurs="1" maxOccurs="1" />
            <element name="clearing_and_account_number" type="string" minOccurs="0"
maxOccurs="1" />
        </sequence>
    </complexType>
    <complexType name="ValidateAndSendInkassogramResponseType">
        <sequence>
            <element name="status" type="int" minOccurs="1" maxOccurs="1" />
        </sequence>
    </complexType>
    <complexType name="invoices_to_activateType">
        <sequence>
            <element minOccurs="1" maxOccurs="unbounded" name="ocr" type="string" />
        </sequence>
    </complexType>

    <!-- CancelInkassogram -->
    <complexType name="CancelInkassogramRequestType">
        <sequence>
            <element name="key" type="string" minOccurs="1" maxOccurs="1" />
            <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
            <element name="ocr" type="string" minOccurs="1" maxOccurs="1" />
        </sequence>
    </complexType>
    <complexType name="CancelInkassogramResponseType">
        <sequence>
            <element name="status" type="int" minOccurs="1" maxOccurs="1" />
        </sequence>
    </complexType>
</schema>

```



## 6 Status Codes / Error Codes / Fault Codes

statusCode	errorCode	description
0	99	Validate XML against XSD failed
0	101	ssn and orgno failed, one element should be used
0	102	Invalid ssn number, no match
0	103	Invalid organization number, no match
0	104	Zip code not set
0	105	Invalid zip
0	106	Phone number not set
0	107	Invalid phone number
0	108	Missing email address
0	109	Invalid email address
0	110	Missing Order Number
0	111	Client Ip number not set
0	112	Your credit is to low in this shop
0	113	Database error in CCM..
0	114	Zip and orgNo doesn't match
0	115	Zip and ssn doesn't match
0	116	Prövning på privatperson
0	117	Avslag på privatperson
0	118	Personnummer kunde inte hittas
0	119	ssn isn't a trusted Credit customer
0	120	Prövning på företag
0	121	Avslag på företag
0	122	Organization number couldn't be found
0	123	Company isn't a trusted Credit customer

statusCode	errorCode	description
0	124	Request not received correctly
0	125	Key doesn't match
0	10	orderNo or OCR isn't defined / No match / To many matches have to be unique
0	40	Quantity: To many decimals, just one is accepted!
0	20	Invalid ocr number
0	21	Invalid orderNo
0	11	The system is working with this invoice for the moment, please try again later
0	26	The invoice dueDate has past.. Contact Inkassogram to redeem the invoice
0	30	The invoice is already redeemed
0	31	The invoice or some of the article rows is already redeemed
0	13	There's no matching article rows
0	24	The VAT doesn't match any rows
0	28	The redemption rows doesn't match the original invoice
0	31	Some of the rows is already redeemed
0	23	The redemption price is higher than the amount left to redeem is
0	410	The transaction have not been synchronized with the backend system, try again later
0	126	CCM Error
1		Delivered