



API documentation

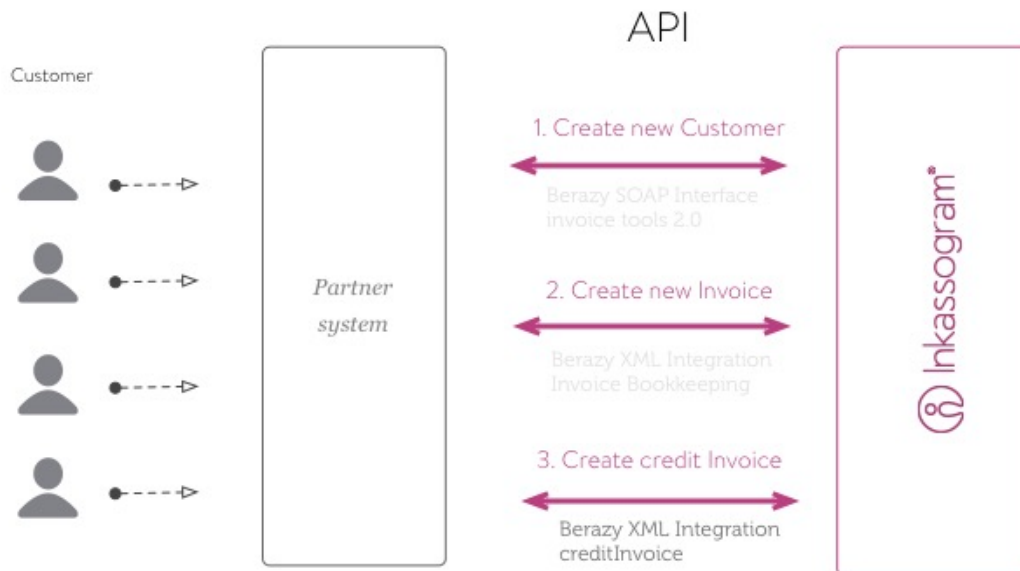
Inkassogram XML Integration creditInvoice

Use this API to create a new credit invoice.

Innehållsförteckning

1.	Introduction	3
1.1	Header Data	3
1.2	XML Types	4
2	XML Integration.....	5
2.1	Redeem Invoice / creditInvoice.....	5
2.1.1	Credit Invoice Request XML	6
2.1.2	Credit Invoice Response XML	7
2.1.3	Credit Invoice Data Dictionary	8
2.1.4	Credit Invoice XSD Scheme	11
3	Status Codes	14
5	Example Code.....	16
5.1	PHP Integration.....	16
5.2	Java Integration	16
5.3	.NET Integration	16

1. Introduction



This document describes the Inkassogram XML Integration format. An API is also available to check the payment status of invoices. The requests are posted in XML format to the specified URL using a HTTP/HTTPS post request.

Note that the HTTP Content-Type must be set to “text/xml” and encoding to UTF-8.

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

1.1 Header Data

The following two parameters should be defined in the header for all requests and communication with Inkassogram API.

customerNo: Identify number sent by Inkassogram after signed agreement.

Key: MD5(Public ServerIP + Timestamp + PrivateKey).

Definition of MD5 Key

Public ServerIP: The Public IP address used by the server for the integration API.

It's also possible to authenticate without the “IP lock”.

Timestamp: Daily date YYYYMMDD (20101224).

PrivateKey: length 32 characters with case sensitive, sent by Inkassogram after signed agreement.

Note: The **Key** is NOT the same as the Private Key. It's an MD5 SUM of the parameters above without colon and spaces.

1.2 XML Types

All fields within the XML API have their type defined in an XML Schema. 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 API includes examples of valid XML as defined by the XML schema. In addition a data dictionary for each API 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 XML Integration

Header parameters must be defined for all requests! See section 1.1

Redeem Invoice Request XSD Schema: [creditInvoiceSchema1.0.xsd](#)

Redeem Invoice POST Request: <https://api.inkassogram.se/API/creditInvoice>

2.1 Redeem Invoice / creditInvoice

Use the Credit Invoice API to redeem one or more products sent to the end customer.

There's two acceptable alternatives to match the redemption of 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 article rows to redeem have to be correctly given with the articleNo, vat, quantity and price.

The redemption request are submitted to the Inkassogram platform as XML message, transmitted as HTTP POST request. Applications submitting messages to the Credit Invoice API must format the XML request as described in section 2.1.1.

Upon receipt of a valid XML request, the Inkassogram platform will prepare a redemption for delivery to the end customer and return an XML response as described in section 2.1.2.

2.1.1 Credit Invoice Request XML

Two examples is listed below

```
<?xml version="1.0" encoding="UTF-8"?>
<methodCall xmlns="https://api.inkassogram.se/API/creditInvoice"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://api.inkassogram.se/API/creditInvoice
https://api.inkassogram.se/API/creditInvoiceSchema1.0.xsd">
  <methodName>creditInvoice</methodName>
  <request>
    <testCredit>1</testCredit>
    <printSetup>1</printSetup>
    <includingVat>1</includingVat>
    <orderNo>782</orderNo>
    <comment></comment>
    <creditRows>
      <creditRow>
        <articleNo></articleNo>
        <vat></vat>
        <quantity></quantity>
        <price></price>
      </creditRow>
      <creditRow>
        <articleNo>4144</articleNo>
        <vat>12</vat>
        <quantity>1</quantity>
        <price>3400</price>
      </creditRow>
    </creditRows>
  </request>
</methodCall>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<methodCall xmlns="https://api.inkassogram.se/API/creditInvoice"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://api.inkassogram.se/API/creditInvoice
https://api.inkassogram.se/API/creditInvoiceSchema1.0.xsd">
  <methodName>creditInvoice</methodName>
  <request>
    <testCredit></testCredit>
    <printSetup></printSetup>
    <includingVat></includingVat>
    <ocr></ocr>
    <orderNo></orderNo>
    <comment></comment>
    <creditAllRows>1</creditAllRows>
  </request>
</methodCall>
```

2.1.2 Credit Invoice Response XML

Two examples is listed below

```
<?xml version="1.0" encoding="UTF-8"?>
<methodCall xmlns="https://api.inkassogram.se/API/creditInvoice"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://api.inkassogram.se/API/creditInvoice
https://api.inkassogram.se/API/creditInvoiceSchema1.0.xsd">
  <methodName>creditInvoice</methodName>
  <response>
    <ocr></ocr>
    <statusCode>0</statusCode>
    <errorCode>6</errorCode>
  </response>
</methodCall>
```

```
<?xml version="1.0" encoding="UTF-8"?>
<methodCall xmlns="https://api.inkassogram.se/API/creditInvoice"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://api.inkassogram.se/API/creditInvoice
https://api.inkassogram.se/API/creditInvoiceSchema1.0.xsd">
  <methodName>creditInvoice</methodName>
  <response>
    <statusCode>1</statusCode>
    <customerSsn>4401011111</customerSsn>
    <companyOrgNo/>
    <customerName>Bengt Öberg</customerName>
    <customerAddress>Kungsgatan</customerAddress>
    <customerZip>26033</customerZip>
    <customerCity>Påarp</customerCity>
    <co_address1/>
    <co_address2/>
    <co_address3/>
    <co_address4/>
    <co_address5/>
    <amountLeft>0</amountLeft>
    <amountPaid>0</amountPaid>
    <ocr>233580000</ocr>
    <bg_account>462-1272</bg_account>
    <dueDate>1356908400</dueDate>
  </response>
</methodCall>
```

2.1.3 Credit Invoice Data Dictionary

Explained elements for the XML Request Credit Invoice

Element	Data Type	Optional	Value	Description
testCredit	String	Yes	1	For testing mode, doesn't save the credit to DB
printSetup	Integer	No	1,2,3,4	1 - E-faktura, PDF 2 - Printa själv 3 - Print on Demand 4 - SMS Faktura
includingVat	Integer	Yes	1	Recommended is to have this on and send all prices including vat
ocr	Integer	Yes if orderNo is used		1 - Fakturaservice 2 - Fakturabelåning 3 - Factoring
orderNo	string	Yes if ocr is used		
showInvoiceFooterTextInResponse	Integer	Yes	1/0	invoice transfer text. A mandatory text if you create your own invoice layout.
comment	string	Yes		
email	String	Yes		Email address if we shall send the credit invoice via email.
mobile	String	Yes	46760000000, 45760000000, +46.., +45.., +44..	Mobile Phone Number, needed for SMS Faktura print setup 4.
creditAllRows	Integer	Yes	1	All rows will be automatically credited
creditRows				
articleNo	String	No		Article Number

Element	Data Type	Optional	Value	Description
vat	Integer	No	0, 6, 12, 25	Vat of the article
quantity	Float	No		The quantity of the sold articles
price	Integer	No		Price incl. VAT in Å price
Response				
statusCode	Integer	No	1/0	
customerSsn	String	Yes		returned on statusCode 1
customerOrgNo	String	Yes		returned on statusCode 1
customerName	String	Yes		returned on statusCode 1
customerAddress	String	Yes		returned on statusCode 1
customerZip	String	Yes		returned on statusCode 1
customerCity	String	Yes		returned on statusCode 1
co_address1	String	Yes		returned on statusCode 1
co_address2	String	Yes		returned on statusCode 1
co_address3	String	Yes		returned on statusCode 1
co_address4	String	Yes		returned on statusCode 1
co_address5	String	Yes		returned on statusCode 1
amountLeft	Integer	Yes		returned on statusCode 1
amountPaid	Integer	Yes		returned on statusCode 1

Element	Data Type	Optional	Value	Description
ocr	Integer	Yes		returned on statusCode 1
orderNo	String	Yes		returned on statusCode 1
bg_account	String	Yes		returned on statusCode 1
dueDate	Integer	Yes		returned on statusCode 1
invoiceFooterText		Yes		If element showInvoiceFooterTextInResponse is true response will contain this element.
errorCode		Yes		returned on statusCode 0
description		Yes		returned on statusCode 0
friendlyMessage		Yes		returned on statusCode 0 same language used when the createInvoice call received. default swedish

2.1.4 Credit Invoice XSD Schema

URL: <https://api.inkassogram.se/API/creditInvoiceSchema1.0.xsd>

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:cre="https://api.inkassogram.se/API/creditInvoice"
  targetNamespace="https://api.inkassogram.se/API/creditInvoice"
  elementFormDefault="qualified">
  <xs:element name="methodCall" type="cre:methodCallType" />
  <xs:complexType name="methodCallType">
    <xs:sequence>
      <xs:element type="xs:string" name="methodName" />
      <xs:choice>
        <xs:element type="cre:requestType" name="request" maxOccurs="unbounded"
minOccurs="1" />
        <xs:element type="cre:responseType" name="response" maxOccurs="unbounded"
minOccurs="1" />
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="creditRowType">
    <xs:sequence>
      <xs:element name="articleNo" type="xs:string" minOccurs="1" maxOccurs="1" />
      <xs:element name="vat" type="xs:int" minOccurs="1" maxOccurs="1" />
      <xs:element name="quantity" type="xs:float" minOccurs="1" maxOccurs="1" />
      <xs:element name="price" type="xs:int" minOccurs="1" maxOccurs="1" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="creditRowsType">
    <xs:sequence>
      <xs:element type="cre:creditRowType" name="creditRow"
maxOccurs="unbounded" minOccurs="1" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="requestType">
    <xs:sequence>
      <xs:element name="testCredit" maxOccurs="1" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:string">
            <xs:enumeration value="true" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="printSetup" maxOccurs="1" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:enumeration value="4" />
            <xs:enumeration value="3" />
            <xs:enumeration value="2" />
            <xs:enumeration value="1" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element name="includingVat" maxOccurs="1" minOccurs="0">
        <xs:simpleType>
          <xs:restriction base="xs:int">

```

```

                <xs:enumeration value="1" />
                <xs:enumeration value="0" />
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
</xs:choice>
    <xs:element name="ocr" type="xs:int" minOccurs="1"
        maxOccurs="1" />
    <xs:element name="orderNo" type="xs:string" minOccurs="1"
        maxOccurs="1" />
</xs:choice>
<xs:element name="showInvoiceFooterTextInResponse"
    maxOccurs="1" minOccurs="0">
    <xs:simpleType>
        <xs:restriction base="xs:int">
            <xs:enumeration value="1" />
            <xs:enumeration value="0" />
        </xs:restriction>
    </xs:simpleType>
</xs:element>
<xs:element name="comment" type="xs:string" minOccurs="0" maxOccurs="1" />
<xs:element name="email" type="xs:string" minOccurs="0" maxOccurs="1" />
<xs:choice>
    <xs:element name="creditAllRows" maxOccurs="1" minOccurs="0">
        <xs:simpleType>
            <xs:restriction base="xs:int">
                <xs:enumeration value="1" />
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element name="creditRows" type="cre:creditRowsType" />
</xs:choice>
</xs:sequence>
</xs:complexType>
<!-- Server response for credit request below -->
<xs:complexType name="responseType">
    <xs:sequence>
        <xs:element name="statusCode" maxOccurs="1" minOccurs="1">
            <xs:simpleType>
                <xs:restriction base="xs:int">
                    <xs:enumeration value="1" />
                    <xs:enumeration value="0" />
                </xs:restriction>
            </xs:simpleType>
        </xs:element>
        <xs:element type="xs:string" name="customerSsn" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="companyOrgNo" maxOccurs="1" minOccurs="0"
    />
        <xs:element type="xs:string" name="customerName" maxOccurs="1" minOccurs="0"
    />
        <xs:element type="xs:string" name="customerAddress" maxOccurs="1"
minOccurs="0" />
        <xs:element type="xs:string" name="customerZip" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="customerCity" maxOccurs="1" minOccurs="0"
    />
        <xs:element type="xs:string" name="co_address1" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="co_address2" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="co_address3" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="co_address4" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="co_address5" maxOccurs="1" minOccurs="0" />
        <xs:element name="amountLeft" type="xs:int" maxOccurs="1" minOccurs="0" />
    </xs:sequence>
</xs:complexType>

```

```
<xs:element name="amountPaid" type="xs:int" maxOccurs="1" minOccurs="0" />
<xs:element name="ocr" type="xs:int" maxOccurs="1" minOccurs="0" />
<xs:element name="orderNo" type="xs:string" maxOccurs="1" minOccurs="0" />
<xs:element name="bg_account" type="xs:string" maxOccurs="1" minOccurs="0" />
<xs:element name="dueDate" type="xs:int" maxOccurs="1" minOccurs="0" />
<xs:element type="xs:string" name="invoiceFooterText" maxOccurs="1"
minOccurs="0" />
<xs:element type="xs:string" name="pdfFile" maxOccurs="1" minOccurs="0" />
<xs:element type="xs:int" name="errorCode" maxOccurs="1" minOccurs="0" />
<xs:element type="xs:string" name="description" maxOccurs="1" minOccurs="0" />
</xs:sequence>
</xs:complexType>
</xs:schema>
```

3 Status 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
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	126	CCM Error
1		Delivered

5 Example Code

We have developed some code examples for 3 of the most used languages for this integration. See section 4.1, 4.2 and 4.3 below.

5.1 PHP Integration

PHP code example can be downloaded from

<https://github.com/inkassogram/Inkassogram-Invoice-API/tree/master/Bookkeeping-API/v1/PHP>

5.2 Java Integration

Java code example can be downloaded from

<https://github.com/inkassogram/Inkassogram-Invoice-API/tree/master/Bookkeeping-API/v1/Java>

5.3 .NET Integration

Java code example can be downloaded from

<https://github.com/inkassogram/Inkassogram-Invoice-API/tree/master/Bookkeeping-API/v1/NET>



API documentation

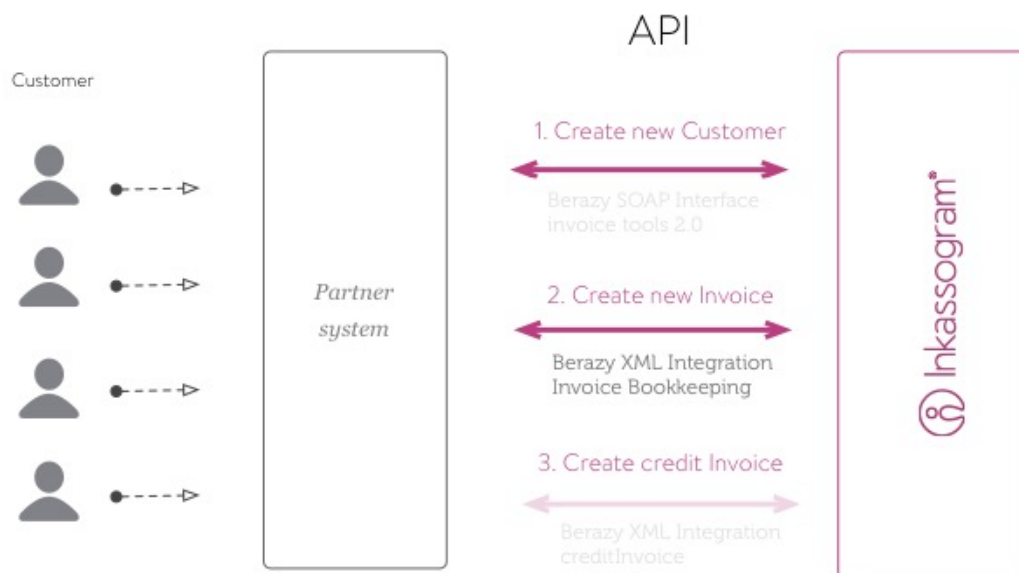
Inkassogram XML Integration Invoice Bookkeeping

Use this API to create a new debit invoice.

Innehållsförteckning

1	Introduction	3
1.1	Header Data	3
1.2	XML Types	4
2	XML Integration	5
2.1	Create Invoice.....	5
2.1.1	Create Invoice Request XML.....	6
2.1.2	Create Invoice Response XML	7
2.1.3	Create Invoice Data Dictionary	7
2.1.4	Callback event trigger.....	12
2.1.5	Create Invoice XSD Scheme	13
3	Status Codes.....	17
4	Example Code	19
4.1	PHP Integration	19
4.2	Java Integration	19
4.3	.NET Integration.....	19

1 Introduction



This document describes the Inkassogram XML Integration format. An API is also available to check the payment status of invoices. The requests are posted in XML format to the specified URL using a HTTP/HTTPS post request.

Note that the HTTP Content-Type must be set to "text/xml" and encoding to UTF-8.

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

1.1 Header Data

The following two parameters should be defined in the header for all requests and communication with Inkassogram API.

customerNo: Identify number sent by Inkassogram after signed agreement.

Key: MD5(Public ServerIP, Timestamp, PrivateKey).

Definition of MD5 Key

Public ServerIP: The Public IP address used by the server for the integration API.

Timestamp: Daily date YYYYMMDD (20101224).

PrivateKey: length 32 characters with case sensitive, sent by Inkassogram after signed agreement.

Note: The **Key** is NOT the same as the Private Key. It's an MD5 SUM of the parameters above without colon and spaces.

1.2 XML Types

All fields within the XML API have their type defined in an XML Schema. 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 API includes examples of valid XML as defined by the XML schema. In addition a data dictionary for each API 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 XML Integration

Header parameters must be defined for all requests! See section 1.1

Create Invoice Request XSD Schema: [createInvoiceBookkeepingSchema1.0.xsd](#)

Create Invoice POST Request:

<https://api.inkassogram.se/API/createInvoiceBookkeeping>

2.1 Create Invoice

Use the Create Invoice Bookkeeping API to create a new invoice for the customer. Invoice request are submitted to the Inkassogram platform as XML messages, transmitted as HTTP/HTTPS POST requests. Applications submitting messages to the Create Invoice API must format the XML request as described in section 2.1.1.

Upon receipt of a valid XML request, the Inkassogram platform will prepare a message for delivery and return an XML response as described in section 2.1.2.

When returned unsuccessfully responses, as a time out or such. It's important to make one or two retries before displaying an error for the end user.

To send invoices to foreign customers

If the customer is from the nordic countries their will not be so much to change. Just use the country element in the complex type foreignCustomer. The address lines will be ignored in this case. To change billing address, use the care of element.

If the customer is from UK or somewhere else, you have to define the countryWithNoSsnCheck and specify full contact details of the customer using the address line elements.

Company/Person name, address and all of billing information shall be defined in the foreignCustomer complex type.

Note that customerAddressLine shall not include the country because it's already defined in their own element. And customerAddressLine will be ignored if the element country is used.

The invoice will be sent in available language and if their is no language available english will be default for the foreign customers.

2.1.1 Create Invoice Request XML

```
<?xml version="1.0" encoding="UTF-8"?>
<methodCall xmlns="https://api.inkassogram.se/API/createInvoiceBookkeeping"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://api.inkassogram.se/API/createInvoiceBookkeeping
https://api.inkassogram.se/API/createInvoiceBookkeepingSchema1.0.xsd">
  <methodName>createInvoice</methodName>
  <request>
    <testInvoice>true</testInvoice>
    <makeInvoiceReservation>0</makeInvoiceReservation>
    <service>1</service>
    <printSetup>1</printSetup>
    <ssn>5567854616</ssn>
    <careOfAddress>
      <co_name></co_name>
      <co_address></co_address>
      <co_address2></co_address2>
      <co_zip></co_zip>
      <co_city></co_city>
    </careOfAddress>
    <invoiceRef></invoiceRef>
    <shippingFee></shippingFee>
    <expFee></expFee>
    <dueDate>1356912000</dueDate>
    <mobile></mobile>
    <email>tech@inkassogram.com</email>
    <orderNo>1</orderNo>
    <ourRef></ourRef>
    <yourRef></yourRef>
    <invoiceRows>
      <row>
        <articleNo></articleNo>
        <text></text>
        <desc></desc>
        <vat></vat>
        <quantity></quantity>
        <price></price>
        <bookkeepingAccount></bookkeepingAccount>
      </row>
      <row>
        <articleNo>4144</articleNo>
        <text>Biljett</text>
        <desc>GOT - STO 2001-01-01</desc>
        <vat>12</vat>
        <quantity>1</quantity>
        <price>3400</price>
        <bookkeepingAccount>3010</bookkeepingAccount>
      </row>
    </invoiceRows>
    <comments></comments>
    <discount></discount>
  </request>
</methodCall>
```

2.1.2 Create Invoice Response XML

```
<?xml version="1.0" encoding="UTF-8"?>
<methodCall xmlns="https://api.inkassogram.se/API/createInvoiceBookkeeping"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="https://api.inkassogram.se/API/createInvoiceBookkeeping
https://api.inkassogram.se/API/createInvoiceBookkeepingSchema1.0.xsd">
  <methodName>createInvoice</methodName>
  <response>
    <statusCode>1</statusCode>
    <ocr></ocr>
    <customerName></customerName>
    <customerAddress></customerAddress>
    <customerZip></customerZip>
    <customerCity></customerCity>
    <pdfFile></pdfFile>
    <errorCode></errorCode>
    <description></description>
  </response>
</methodCall>
```

2.1.3 Create Invoice Data Dictionary

Explained elements for the XML Request Create Invoice Bookkeeping

Element	Data Type	Optional	Value	Description
testInvoice	String	Yes	1	For testing mode, doesn't save the purchases to DB
makeInvoiceReservation	Boolean	Yes	1/0	If true the invoice will NOT be sent to the customer until another request is received using SOAP with method activate_invoice
forceToSend	Boolean	Yes	1/0	Force to send invoice even if the end user got bad credit rate. Can be used if the errorCode is 116, 117 120 and 121

Element	Data Type	Optional	Value	Description
service	Integer	No	1,2,3	1 - Fakturaservice 2 - Fakturabelåning 3 - Factoring
printSetup	Integer	No	1,2,3,4	1 - E-faktura, PDF 2 - Printa själv 3 - Print on Demand 4 - SMS Faktura
ssn	String	No	YYYYMMDDXXXX / YYMMDDXXXX / 32 chars auth_key	Primary Social Security Number OR Organization Number. If wapPurchase API is used the auth_key of 32 characters should be defined here.
foreignCustomer		Yes		Used to send invoices to other countries
careOfAddress		Yes		To send the invoice to another address instead of the company address.
invoiceRef	String	Yes		This value will be visible on the invoice as an order number.
invoiceOrderNo	String	Yes		The reference number of the order made from the end customer. Will be visible on the invoice for the end customer.
shippingFee	integer	Yes		Shipping fee for an order. This value will be added as an invoice row
expFee	integer	Yes		Expedition fee. This value will be added as an invoice row
invoiceDate	Integer	Yes	Unixtime	Date when the invoice shall be sent to the receiver.
dueDate	integer	Yes	Unixtime	Invoice Due Date in Unixtime format

Element	Data Type	Optional	Value	Description
callback	String	Yes	URL encoded e.g. http%3A%2F%2FcustomerServer.com%2Fcallback%3FinvoiceId%3Dxx1000%26type%3D1	URL for callback trigger when invoice has been changed or a payment is received.
mobile	String	No		Mobile Phone Number
email	String	No		Email Address
orderNo	String	No		Order Number, must be unique for each invoice and should be an internal value. Used to get the status or credit the invoice.
ourRef	String	Yes		Visible as Our Reference
yourRef	String	Yes		Visible as Your Reference
InvoiceRows		No		
comments	String	Yes		Add an invoice Comment for the end user. Visible below the article rows on the invoice.
discount	integer	Yes		Discount percentage of the total invoice amount.
billingVar	String	Yes		Element available for bookkeeping. Data will be visible in sales note files
attachedDocument	String	Yes	base 64 encoded binary file	Attached document in base64 encoded format
attachedDocumentMd5	String	Yes		md5 hash of binary document

Element	Data Type	Optional	Value	Description
foreignCustomer		Yes		
country	Enum, String	Yes	Sweden/Norway/Denmark/Finland	Just countries that we support with ssn_check
countryWithNoSsnCheck		Yes		
countryCode	String	No	SE = Sverige, NO = Norway etc.	Special agreement is needed for use of this
addressLine1	String	No		Must be used with the correct address if countryWithNoSsnCheck is used. To change address if country is used you have to define the careOfAddress instead. These elements will be ignored if just country is used.
addressLine2	String	No		Must be used with the correct address if countryWithNoSsnCheck is used
addressLine3	String	Yes		Extra address line when countryWithNoSsnCheck is used
addressLine4	String	Yes		Extra address line when countryWithNoSsnCheck is used
careOfAddress		Yes		
co_name	String	No		Company Name / Invoice Receiver Name
co_address	String	No		Address
co_address2	String	Yes		Address 2
co_zip	String	Yes		Zip Code

Element	Data Type	Optional	Value	Description
co_city	String	Yes		City / Town
InvoiceRows		No		
articleNo	String	Yes		Article Number
text	String	No		Article Text, such as Ticket, Member fee.. Max length 120 characters
desc	String	Yes		Description of the article. Max length 120 characters
vat	Integer	Yes	default 25	Vat of the article
quantity	Float	Yes	default 1	The quantity of the sold articles
price	Integer	No		Price inc. VAT in Á price
unit	String	Yes		Column Unit will be added to the article rows/invoice rows
discount	Float	Yes		Discount percentage of the total invoice amount.
bookkeeping account	String	Yes		Bookkeeping account for the bookkeeping
profitUnit	String	Yes		Used in the bookkeeping
project	String	Yes		Used in the bookkeeping

2.1.4 Callback event trigger

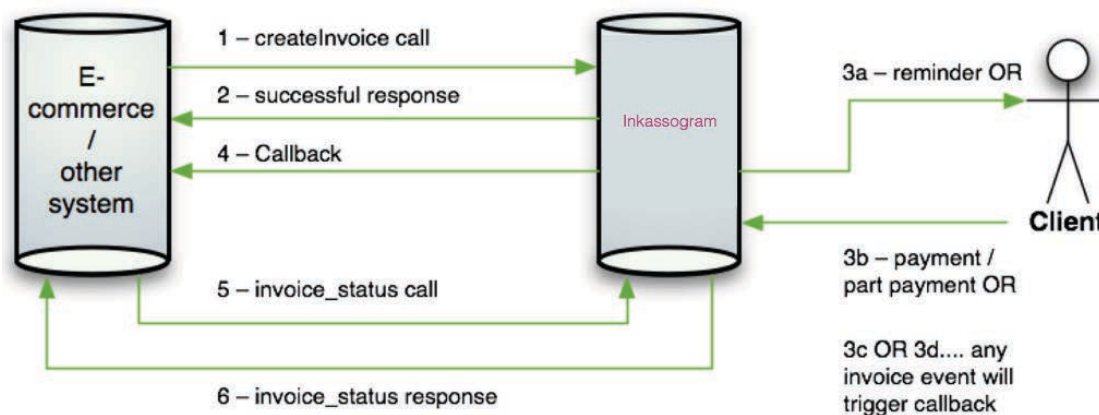
1. The invoice is created using createInvoice method
2. Succeeded response
3. Invoice event appear, such as reminder sent to customer, payment or what ever it is
4. Inkassogram will trigger the Callback URL and receive HTTP code 200 if succeeded, if not 3 retries will be done.
5. Customer handles the callback and can now trigger the invoice_status or invoice_details call using the SOAP interface.
6. response from WS call

Inkassogram will add the option "type" in the GET request.

type = 1: The invoice value/amount left have been changed by a payment reminder or such.

type = 2: The invoice information have been change.

Example url: <http://customerServer.com/callback?invoiceId=xx1000&type=1>



2.1.5 Create Invoice XSD Schema

URL: <https://api.inkassogram.se/API/createInvoiceBookkeepingSchema1.0.xsd>

```
<?xml version="1.0" encoding="UTF-8"?>
<xs:schema xmlns:xs="http://www.w3.org/2001/XMLSchema"
  xmlns:cre="https://api.inkassogram.se/API/createInvoiceBookkeeping"
  targetNamespace="https://api.inkassogram.se/API/createInvoiceBookkeeping"
  elementFormDefault="qualified">
  <xs:element name="methodCall" type="cre:methodCallType" />
  <xs:complexType name="rowType">
    <xs:sequence>
      <xs:element type="xs:string" name="articleNo" maxOccurs="1"
        minOccurs="0" />
      <xs:element type="xs:string" name="text" maxOccurs="1" minOccurs="1" />
      <xs:element type="xs:string" name="desc" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:int" name="vat" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:float" name="quantity" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:int" name="price" maxOccurs="1" minOccurs="1" />
      <xs:element type="xs:string" name="unit" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:int" name="discount" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:int" name="bookkeepingAccount" maxOccurs="1"
        minOccurs="0" />
      <xs:element type="xs:string" name="profitUnit" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:string" name="project" maxOccurs="1" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="careOfType">
    <xs:sequence>
      <xs:element type="xs:string" name="co_name" maxOccurs="1" minOccurs="1" />
      <xs:element type="xs:string" name="co_address" maxOccurs="1" minOccurs="1" />
      <xs:element type="xs:string" name="co_address2" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:string" name="co_zip" maxOccurs="1" minOccurs="0" />
      <xs:element type="xs:string" name="co_city" maxOccurs="1" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="methodCallType">
    <xs:sequence>
      <xs:element type="xs:string" name="methodName" />
      <xs:choice>
        <xs:element type="cre:requestType" name="request"
          maxOccurs="1" minOccurs="0" />
        <xs:element type="cre:responseType" name="response"
          maxOccurs="1" minOccurs="0" />
      </xs:choice>
    </xs:sequence>
  </xs:complexType>
  <xs:complexType name="responseType">
    <xs:sequence>
      <xs:element name="statusCode" maxOccurs="1" minOccurs="1">
        <xs:simpleType>
          <xs:restriction base="xs:int">
            <xs:enumeration value="1" />
            <xs:enumeration value="0" />
          </xs:restriction>
        </xs:simpleType>
      </xs:element>
      <xs:element type="xs:string" name="ocr" maxOccurs="1" minOccurs="0" />
    </xs:sequence>
  </xs:complexType>
</xs:schema>
```

```

        <xs:element type="xs:string" name="customerName" maxOccurs="1" minOccurs="0"
/>
        <xs:element type="xs:string" name="customerAddress" maxOccurs="1"
minOccurs="0" />
        <xs:element type="xs:string" name="customerZip" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="customerCity" maxOccurs="1" minOccurs="0"
/>
        <xs:element type="xs:string" name="pdfFile" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="bgAccount" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="pgAccount" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="ibanAccount" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="swiftAccount" maxOccurs="1" minOccurs="0"
/>
        <xs:element type="xs:string" name="invoiceDisclaimer" maxOccurs="1"
minOccurs="0" />
        <xs:element type="xs:string" name="errorCode" maxOccurs="1" minOccurs="0" />
        <xs:element type="xs:string" name="description" maxOccurs="1" minOccurs="0" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="invoiceRowsType">
    <xs:sequence>
        <xs:element type="cre:rowType" name="row" maxOccurs="unbounded" minOccurs="1"
/>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="careOfAddressType">
    <xs:sequence>
        <xs:element type="cre:careOfType" name="careOf" maxOccurs="1" minOccurs="0" />
    </xs:sequence>
</xs:complexType>
<xs:complexType name="foreignCustomerType">
    <xs:sequence>
        <xs:choice>
            <xs:element name="country" maxOccurs="1" minOccurs="0">
                <xs:simpleType>
                    <xs:restriction base="xs:string">
                        <xs:enumeration value="Sweden" />
                        <xs:enumeration value="Norway" />
                        <xs:enumeration value="Denmark" />
                        <xs:enumeration value="Finland" />
                    </xs:restriction>
                </xs:simpleType>
            </xs:element>
            <xs:element type="cre:countryWithNoSsnCheckType"
name="countryWithNoSsnCheck"
                maxOccurs="1" minOccurs="0" />
        </xs:choice>
    </xs:sequence>
</xs:complexType>
<xs:complexType name="countryWithNoSsnCheckType">
    <xs:sequence>
        <xs:element type="xs:string" name="countryCode" maxOccurs="1" minOccurs="1" />
        <xs:element type="xs:string" name="addressLine1" maxOccurs="1" minOccurs="1"
/>
        <xs:element type="xs:string" name="addressLine2" maxOccurs="1" minOccurs="1"
/>
        <xs:element type="xs:string" name="addressLine3" maxOccurs="1" minOccurs="0"
/>
        <xs:element type="xs:string" name="addressLine4" maxOccurs="1" minOccurs="0"
/>
    </xs:sequence>

```

```

</xs:complexType>
<xs:complexType name="requestType">
  <xs:sequence>
    <xs:element name="testInvoice" maxOccurs="1" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="true" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="makeInvoiceReservation" maxOccurs="1" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:enumeration value="1" />
          <xs:enumeration value="0" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="forceToSend" maxOccurs="1" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:enumeration value="1" />
          <xs:enumeration value="0" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="service" maxOccurs="1" minOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:enumeration value="3" />
          <xs:enumeration value="2" />
          <xs:enumeration value="1" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="printSetup" maxOccurs="1" minOccurs="1">
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:enumeration value="4" />
          <xs:enumeration value="3" />
          <xs:enumeration value="2" />
          <xs:enumeration value="1" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="sendAs" maxOccurs="1" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:string">
          <xs:enumeration value="debtCollection" />
          <xs:enumeration value="reminder" />
          <xs:enumeration value="invoice" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
    <xs:element name="partPaymentReminderAndDebtCollectionInstallment"
maxOccurs="1" minOccurs="0">
      <xs:simpleType>
        <xs:restriction base="xs:int">
          <xs:enumeration value="1" />
          <xs:enumeration value="0" />
        </xs:restriction>
      </xs:simpleType>
    </xs:element>
  </xs:sequence>
</xs:complexType>

```

```

        </xs:simpleType>
    </xs:element>
    <xs:element type="xs:string" name="ssn" maxOccurs="1" minOccurs="1" />
    <xs:element type="xs:int" name="send_to_organization" maxOccurs="1"
minOccurs="0" />
    <xs:element type="cre:foreignCustomerType" name="foreignCustomer"
maxOccurs="1" minOccurs="0" />
    <xs:element type="cre:careOfAddressType" name="careOfAddress" maxOccurs="1"
minOccurs="0" />
    <xs:element type="xs:string" name="invoiceRef" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:string" name="invoiceOrderNo" maxOccurs="1" minOccurs="0"
/>

    <xs:element type="xs:int" name="shippingFee" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:int" name="expFee" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:int" name="invoiceDate" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:int" name="dueDate" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:float" name="overdueInterest" maxOccurs="1" minOccurs="0"
/>

    <xs:element type="xs:string" name="clientIp" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:string" name="callback" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:string" name="mobile" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:string" name="email" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:string" name="orderNo" maxOccurs="1" minOccurs="1" />
    <xs:element type="xs:string" name="ourRef" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:string" name="yourRef" maxOccurs="1" minOccurs="0" />
    <xs:element type="cre:invoiceRowsType" name="invoiceRows" />
    <xs:element type="xs:string" name="comments" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:int" name="discount" maxOccurs="1" minOccurs="0" />
    <xs:element type="xs:string" name="billingVar" maxOccurs="1" minOccurs="0" />
    <xs:element name="attachedDocument" maxOccurs="1" minOccurs="0">
        <xs:simpleType>
            <xs:restriction base="xs:string">
                <xs:maxLength value="1819200" />
            </xs:restriction>
        </xs:simpleType>
    </xs:element>
    <xs:element type="xs:string" name="attachedDocumentMd5" maxOccurs="1"
minOccurs="0" />
    </xs:sequence>
</xs:complexType>
</xs:schema>

```


3 Status 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
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	126	CCM Error
1		Delivered

4 Example Code

We have developed some code examples for 3 of the most used languages for this integration. See section 4.1, 4.2 and 4.3 below.

4.1 PHP Integration

PHP code example can be downloaded from
<https://github.com/inkassogram/Inkassogram-Invoice-API/tree/master/Bookkeeping-API/v1/PHP>

4.2 Java Integration

Java code example can be downloaded from
<https://github.com/inkassogram/Inkassogram-Invoice-API/tree/master/Bookkeeping-API/v1/Java>

4.3 .NET Integration

Java code example can be downloaded from
<https://github.com/inkassogram/Inkassogram-Invoice-API/tree/master/Bookkeeping-API/v1/NET>



API documentation

Inkassogram SOAP Interface invoice tools 2.0

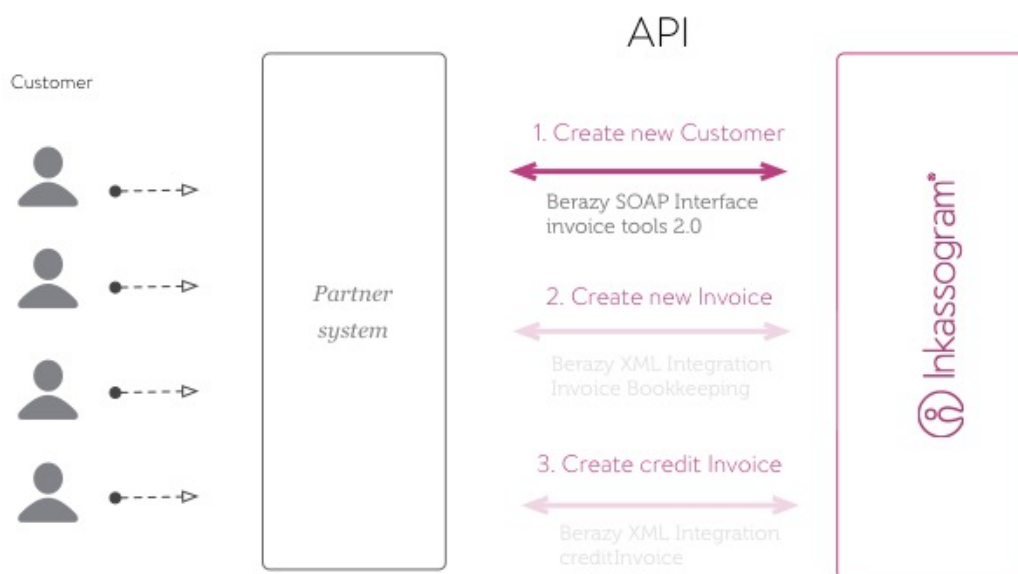
Innehållsförteckning

1	Introduction.....	5
1.1	XML Types.....	6
2	SOAP operations.....	8
2.1	SsnCheck operation	8
2.1.1	SsnCheck Request.....	9
2.1.2	SsnCheck Response	9
2.1.3	SsnCheck Data Dictionary	10
2.2	InvoiceStatus operation.....	11
2.2.1	InvoiceStatus request	12
2.2.2	InvoiceStatus Response.....	12
2.2.3	InvoiceStatus Data Dictionary	13
2.3	ResendInvoice operation	15
2.3.1	ResendInvoice Request.....	17
2.3.2	ResendInvoice Response.....	17
2.3.3	ResendInvoice operation Data Dictionary.....	18
2.4	ActivateInvoice operation.....	19
2.4.1	ActivateInvoice Request	19
2.4.2	ActivateInvoice Response	20
2.4.3	ActivateInvoice Data Dictionary	21
2.5	CancelInvoice.....	22
2.5.1	CancelInvoice Request.....	22
2.5.2	CancelInvoice Response	22
2.5.3	CancelInvoice Data Dictionary.....	22
2.6	PauseInvoice	23
2.6.1	PauseInvoice Request.....	23
2.6.2	PauseInvoice Response.....	24

2.6.3	<i>PauseInvoice Data Dictionary</i>	25
2.7	<i>SearchCompany</i>	26
2.7.1	<i>SearchCompany Request</i>	26
2.7.2	<i>SearchCompany Response</i>	27
2.7.3	<i>SearchCompany Data Dictionary</i>	28
2.8	<i>DailySale</i>	29
2.8.1	<i>DailySale Request</i>	29
2.8.2	<i>DailySale Response</i>	29
2.8.3	<i>DailySale Data Dictionary</i>	29
2.9	<i>InvoiceDetails</i>	30
2.9.1	<i>InvoiceDetails Request</i>	30
2.9.2	<i>InvoiceDetails Response</i>	30
2.9.3	<i>InvoiceDetails Data Dictionary</i>	31
2.10	<i>SearchInvoices</i>	34
2.10.1	<i>SearchInvoices Request</i>	34
2.10.2	<i>SearchInvoices Response</i>	34
2.10.3	<i>SearchInvoices Data Dictionary</i>	34
2.11	<i>BankIDAuthentication</i>	39
2.11.1	<i>BankIDAuthentication Request</i>	39
2.11.2	<i>BankIDAuthentication Response</i>	40
2.11.3	<i>BankIDAuthentication Data Dictionary</i>	40
2.12	<i>BankIDCollect</i>	42
2.12.1	<i>BankIDCollect Request</i>	42
2.12.2	<i>BankIDCollect Response</i>	42
2.12.3	<i>BankIDCollect Data Dictionary</i>	43
3	<i>Partner SOAP operations</i>	44
3.1	<i>SaveCompany</i>	44
3.1.1	<i>SaveCompany Request</i>	44
3.1.2	<i>SaveCompany Response</i>	44
3.1.3	<i>SaveCompany Data Dictionary</i>	44

3.2	SaveUserToCompany.....	48
3.2.1	SaveUserToCompany Request	48
3.2.2	SaveUserToCompany Response	48
3.2.3	SaveUserToCompany Data Dictionary	49
3.3	SaveSsnForUserToCompany	51
3.3.1	SaveSsnForUserToCompany Request.....	51
3.3.2	SaveSsnForUserToCompany Response.....	51
3.3.3	SaveSsnForUserToCompany Data Dictionary.....	51
3.4	GetUsersFromCompany	53
3.4.1	GetUsersFromCompany Request	53
3.4.2	GetUsersFromCompany Response	53
3.4.3	GetUsersFromCompany Data Dictionary	54
3.5	GetExistingCompany	56
3.5.1	GetExistingCompany Request.....	56
3.5.2	GetExistingCompany Response.....	56
3.5.3	GetExistingCompany Data Dictionary.....	56
3.6	ValidateAndSendInkassogram	57
3.6.1	ValidateAndSendInkassogram Request.....	57
3.6.2	ValidateAndSendInkassogram Response	57
3.6.3	ValidateAndSendInkassogram Data Dictionary	58
4.0	WSDL	59
5.0	XSD Schema.....	71
6	Status Codes / Error Codes / Fault Codes	82

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
Please see WSDL file in Section 2.9 for more information.

WSDL URL: 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
Request				
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.
Response				

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/IZ_fetchPDF.php?file=

End customer URL: 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
Request				
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
Response				
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		
payments	ComplexT ype 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 an 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 an 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
Request				
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
Response				
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
Request				
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
Response				
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 CancellInvoice

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 CancellInvoice 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 CancellInvoice Response

No example available.

2.5.3 CancellInvoice Data Dictionary

Explained elements for CancellInvoice operation Request/Response.

Element	Data Type	Optional	Value	Description
Request				
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
Response				
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
Request				
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.
Response				
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
Request				
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
Response				
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
Request				
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
Response				
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
Request				
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
Response				

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		
file_distribution -> file	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
Request				
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				
Response				
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			
invoices	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 may 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>1980000XXXX</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
Request				
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
Response				
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:ttl>35</ns1:ttl>
      </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
Request				
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
Response				
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
Request				
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
Response				
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
Request				
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
Response				
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
Request				
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
Response				

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
Request				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged
Response				
status	Integer	No	1/0	1 for success, 0 failed already under process, try again
users -> user	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
Request				
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
Response				
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
Request				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account to charged
invoices_to_activate	Complex Type of ocr			Array with OCRs to send/activate
billing_var2				
ssn				
clearing_and_account_number				
ocr	array			
Response				
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:wsd="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/wsd/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: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>

```

```

<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" />
/>
<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" />

```

```

    <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"
/>

    <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" maxOccurs="1" minOccurs="0">
      <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>
    </element>
    <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>
<complexType name="SearchInvoicesResponseType">
  <sequence>
    <element name="status" type="int" minOccurs="1" maxOccurs="1" />
    <element name="number_invoices" type="int" minOccurs="0" maxOccurs="1" />
    <element name="number_paid" type="int" minOccurs="0" maxOccurs="1" />
    <element name="number_unpaid" type="int" minOccurs="0" maxOccurs="1" />
    <element name="number_credited" type="int" minOccurs="0" maxOccurs="1" />
    <element name="amount_invoiced" type="int" minOccurs="0" maxOccurs="1" />
    <element name="amount_unpaid" 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"/>
                </restriction>
            </simpleType>
        </element>
    </sequence>
</complexType>

```

```

        <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" />

```

```

    <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>

```

```

</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