

# API documentation

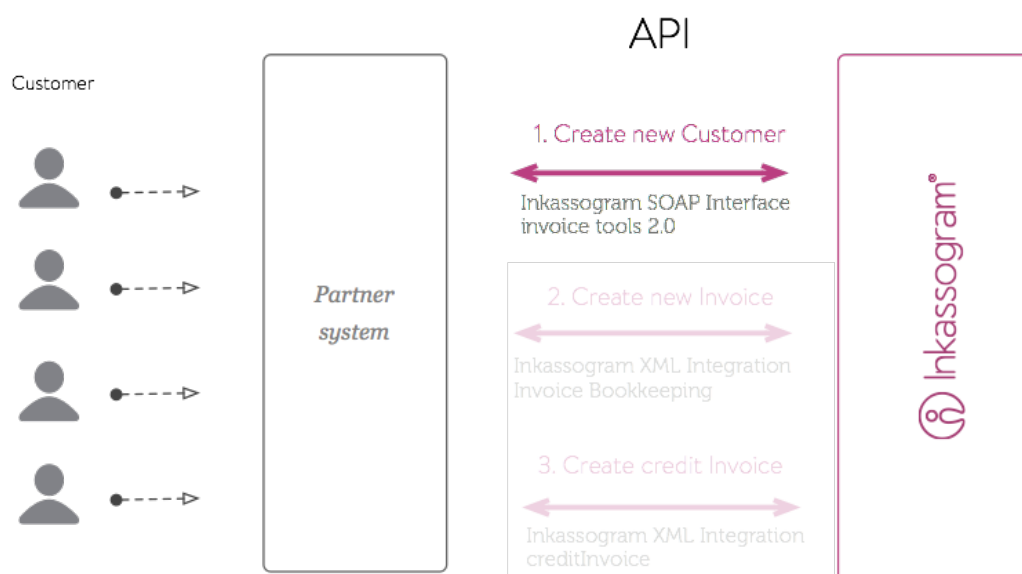
Inkassogram SOAP Interface invoice tools 3.2

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# 1 Introduction



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

- ▶ SsnCheck - Make a credit check or fetch the address information of a given organization number or social security number.
- ▶ RegisterPayment – Registers a payment made to the company.
- ▶ SearchInvoices – Searches for invoices given a certain criterion.
- ▶ UpdateCompanyPreferences – Updates the company preferences.
- ▶ GetCompanyPreferences – Gets the current company preferences.
- ▶ ActivateInvoice - If the invoice was created as a reservation it can be unlocked and sent to the customer with this function.
- ▶ SearchCompany - Fetch address information and company registration number of a company name.
- ▶ InvoiceDetails - Fetch all contact details and references of an invoice.

## Partner specific SOAP operations

- ▶ SaveCompany – Boarding of a new customer from a partner system.
- ▶ BankIDCollect – Collects the BankID signature allowing for a two-step registration process.
- ▶ GetAvailableBgPgForCompany – Gets the available clearing system for a given company.

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 section 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 occurrence, length or values. The relevant section for each Operation includes examples of valid XML as defined by the WSDL.

## 2 SOAP operations

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

The customer authentication occurs for each request with a key and customer number XML element.

Operation URL: [https://api.inkassogram.se/soap/invoice\\_class](https://api.inkassogram.se/soap/invoice_class)  
Please see the WSDL file in [Section 4.0](#) for more information.

WSDL URL: [https://api.inkassogram.se/soap/invoice\\_v3.1?wsdl](https://api.inkassogram.se/soap/invoice_v3.1?wsdl)

### 2.1 SsnCheck operation

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

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](#).

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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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>
```

### Successful 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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>
        <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

Explains the elements in the SsnCheck operation (Request/Response).

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

Element	Data Type	Optional	Value	Description
last_name	String	Yes		Last name
given_name	String	Yes		Given name, could be blank in some cases
address	String	Yes		Address
Zip	String	Yes		Zip code
City	String	Yes		City
country	String	Yes	SWE/SWEDEN/NORWAY/DENMARK/FINLAND	Same as the request data
credit_status	Integer	No	1/0	1 for approved credit 0 for no credit approval

## 2.2 RegisterPayment operation

Allows the caller to register a payment made to a specific OCR or “order\_no”.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.2.1](#).

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 2.2.2](#).

### 2.2.1 RegisterPayment 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:RegisterPaymentRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:ocr>100299101201</ns1:ocr>
        <ns1:payment_amount>9900</ns1:payment_amount>
        <ns1:date>2017-10-11</ns1:date>
        <ns1:close_case>true</ns1:close_case>
        <ns1:charge_policy>CHARGE</ns1:charge_policy>
      </request>
    </ns2:RegisterPaymentRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.2.2 RegisterPayment 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>
```

### Successful 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:RegisterPaymentResponse>
      <response>
        <ns1:status>1</ns1:ssn>
      </response>
    </ns2:RegisterPaymentResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.2.3 RegisterPayment Data Dictionary

Explains the elements in the RegisterPayment operation (Request/Response).

Element	Data Type	Mandatory	Value	Description
<b>Request</b>				
key	String	Yes	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	Yes	Provided by Inkassogram	Account number
order_no	String	Choice		
ocr	Integer	Choice		
payment_amount	Integer	Yes		
date	String	Yes		
close_case	Boolean	Yes		
charge_policy	String	No		One of the following: <ul style="list-style-type: none"><li>• CHARGE</li><li>• NOCHARGE</li><li>• WITHDRAWAL</li></ul>
reference_id	String	No		Unique identifier for the registered payment.
<b>Response</b>				
status	Integer	Yes	1/0	

## 2.3 SearchInvoices

Gets available information from the system about one or several invoices. This operation also provides additional statistics such as number unpaid, paid, credited invoices etc.

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

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](#).

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 SearchInvoices 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:SearchInvoicesRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:number_hits>10</ns1:number_hits>
        <ns1:process_status>INVOICE</ns1:process_status>
        <ns1:due_date_bigger_than>2017-10-11</ns1:due_date_bigger_than>
      </request>
    </ns2:SearchInvoicesRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.3.2 SearchInvoices 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>
```



## Successful example

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="urn:http://types.invoice.inkassogram.se:v3" xmlns:ns2="urn:http://schema.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:SearchInvoicesResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:number_invoices>201</ns1:number_invoices>
        <ns1:number_paid>0</ns1:number_paid>
        <ns1:number_unpaid>0</ns1:number_unpaid>
        <ns1:number_credited>0</ns1:number_credited>
        <ns1:amount_invoiced>0</ns1:amount_invoiced>
        <ns1:amount_paid>0</ns1:amount_paid>
        <ns1:amount_unpaid>0</ns1:amount_unpaid>
        <ns1:amount_credited>0</ns1:amount_credited>
        <ns1:invoices>
          <ns1:invoice>
            <ns1:ocr>100455572509</ns1:ocr>
            <ns1:order_no>Test invoice</ns1:order_no>
            <ns1:customer_name>Anders Bastos</ns1:customer_name>
            <ns1:customer_address1>Foo address</ns1:customer_address1>
            <ns1:customer_address2>Bar city</ns1:customer_address2>
            <ns1:customer_address3></ns1:customer_address3>
            <ns1:customer_zip></ns1:customer_zip><ns1:customer_city>
            </ns1:customer_city><ns1:customer_country>Colombia</ns1:customer_country>
            <ns1:customer_ssn>9309239425</ns1:customer_ssn>
            <ns1:customer_email></ns1:customer_email>
            <ns1:customer_mobile></ns1:customer_mobile>
            <ns1:send_as>reminder</ns1:send_as>
            <ns1:invoice_date>2017-11-15</ns1:invoice_date>
            <ns1:invoice_due_date>2017-12-15</ns1:invoice_due_date>
            <ns1:reminder_date>2017-12-19</ns1:reminder_date>
            <ns1:reminder_due_date>2017-12-25</ns1:reminder_due_date>
            <ns1:debt_collection_date>2017-12-28</ns1:debt_collection_date>
            <ns1:debt_collection_due_date>2017-12-28</ns1:debt_collection_due_date>
            <ns1:invoice_pdf></ns1:invoice_pdf><ns1:reminder_pdf></ns1:reminder_pdf>
            <ns1:debt_collection_pdf></ns1:debt_collection_pdf>
            <ns1:price>10000</ns1:price>
            <ns1:amount_left>10000</ns1:amount_left>
            <ns1:amount_credited>0</ns1:amount_credited>
            <ns1:payment_status>UNPAID</ns1:payment_status>
            <ns1:process_status>FINAL_NOTICE</ns1:process_status>
            <ns1:company_name>Test company</ns1:company_name>
            <ns1:company_organization_number>991213-9685</ns1:company_organization_number>
          </ns1:invoice>
        </ns1:invoices>
      </response>
    </ns2:SearchInvoicesResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.3.3 SearchInvoices Data Dictionary

Explains the elements in the SearchInvoices operation (Request/Response).

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
changes_from_date	String	Yes		
date_from	String	Yes		
date_to	String	Yes		
receiver_name	String	Yes		
address	String	Yes		
ssn	String	Yes		
organization_number	String	Yes		
company_name	String	Yes		
invoice_price_from	Integer	Yes		

Element	Data Type	Optional	Value	Description
invoice_price_to	Integer	Yes		
ocr	String	Yes		OCR number received in the response when the invoice was created
order_no	String	Yes		order number/transaction number sent to Inkassogram when the invoice was created
billing_var2	String	Yes		
invoice_order_no	String	Yes		
payment_status	String	Yes		One of the following: <ul style="list-style-type: none"> <li>• PAID</li> <li>• UNPAID</li> <li>• Yes PART_PAID</li> <li>• CREDITED</li> </ul>
invoice_status	String	Yes		One of the following: <ul style="list-style-type: none"> <li>• DISPUTE</li> <li>• RESERVED</li> <li>• PART_PAYMENT</li> <li>• AMORTIZATION</li> <li>• EBV</li> </ul>
process_status	String	Yes		One of the following: <ul style="list-style-type: none"> <li>• INVOICE</li> <li>• REMINDER</li> <li>• DEBT_COLLECTION</li> <li>• FINAL_NOTICE</li> <li>• KFM_APPLICATION</li> <li>• KFM_SETTLEMENT</li> <li>• KFM_VS</li> </ul>

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

Element	Data Type	Optional	Value	Description
amount_unpaid	Integer	Yes		
amount_credited	Integer	Yes		
<b>Invoices -&gt; invoice</b>	Complex Type of Invoice that is unbound ed	Yes		
invoice -> ocr	String	Yes		
invoice -> order_no	String	Yes		
invoice -> customer_name	String	Yes		
invoice -> customer_address1	String	Yes		
invoice -> customer_address2	String	Yes		
invoice -> customer_address3	String	Yes		
invoice -> customer_zip	String	Yes		
invoice -> customer_city	String	Yes		
invoice -> customer_country	String	Yes		
invoice -> customer_ssn	String	Yes		
invoice -> customer_orgno	String	Yes		
invoice -> customer_email	String	Yes		
invoice -> customer_mobile	String	Yes		

Element	Data Type	Optional	Value	Description
invoice -> invoice_date	String	Yes		
invoice -> invoice_due_date	String	Yes		
invoice -> reminder_date	String	Yes		
invoice -> reminder_due_date	String	Yes		
invoice -> debt_collection_date	String	Yes		
invoice -> debt_collection_due_date	String	Yes		
invoice -> invoice_pdf	String	Yes		
invoice -> reminder_pdf	String	Yes		
invoice -> debt_collection_pdf	String	Yes		
invoice -> price	Integer	Yes		
invoice -> amount_left	Integer	Yes		
invoice -> amount_credited	Integer	Yes		
payment_status	String	Yes		One of the following: <ul style="list-style-type: none"> <li>• PAID</li> <li>• UNPAID</li> <li>• PART_PAID</li> <li>• CREDITED</li> </ul>
invoice_status	String	Yes		One of the following: <ul style="list-style-type: none"> <li>• DISPUTE</li> <li>• RESERVED</li> <li>• PART_PAYMENT</li> <li>• AMORTIZATION</li> </ul>

Element	Data Type	Optional	Value	Description
				<ul style="list-style-type: none"> <li>EBV</li> </ul>
process_status	String	Yes		One of the following: <ul style="list-style-type: none"> <li>INVOICE</li> <li>REMINDER</li> <li>DEBT_COLLECTION</li> <li>FINAL_NOTICE</li> <li>KFM_APPLICATION</li> <li>KFM_SETTLEMENT</li> <li>KFM_VS</li> </ul>
company_name	String	Yes		
company_organizational_number	String	Yes		

## 2.4 UpdateCompanyPreferences operation

UpdateCompanyPreferences allows the caller to update the preferences of a given company regarding invoice contact information and other company specific preferences.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.4.1](#).

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 2.4.2](#).



### 2.4.1 UpdateCompanyPreferences 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:UpdateCompanyPreferencesRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:reseller_key>100299101201</ns1:reseller_key>
        <ns1:company_contact_phone>
          08 400 296 00
        </ns1:company_contact_phone>
        <ns1:invoice_kfm_application_application>
          true
        </ns1:invoice_kfm_application_application>
        <ns1:invoice_amortization_accepted>true</ns1:invoice_amortization_accepted>
        <ns1:invoice_overdue_interest>22</ns1:invoice_overdue_interest>
      </request>
    </ns2:UpdateCompanyPreferencesRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.4.2 UpdateCompanyPreferences 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>
```

### Successful 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:UpdateCompanyPreferencesResponse>
      <response>
        <ns1:status>1</ns1:ssn>
      </response>
    </ns2:UpdateCompanyPreferencesResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 2.4.3 UpdateCompanyPreferences Data Dictionary

Explains the elements in the UpdateCompanyPreferences operation (Request/Response).

Element	Data Type	Mandatory	Value	Description
<b>Request</b>				
key	String	Yes	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	Yes	Provided by Inkassogram	Account number
reseller_key	String	Yes		
ip_address	String	No		
company_name	String	No		
company_addresses	String	No		
company_zip	String	No		
company_city	String	No		
company_bank_account_number	String	No		
company_bg_account_nuber	String	No		
company_pg_account_nuber	String	No		
company_tax_registered	String	No		
invoice_contact_phone	String	No		
invoice_contact_email	String	No		

Element	Data Type	Mandatory	Value	Description
invoice_contact_web	String	No		
invoice_logo	String	No		
invoice_static_text	String	No		
invoice_overdue_interest	Float	No		
invoice_amortization_accepted	Boolean	No		
invoice_kfm_application_accepted	Boolean	No		
economy_reporting_email	String	No		
receiving_invoice_print_setup	String	No		
receiving_invoice_email	String	No		
receiving_invoice_address1	String	No		
receiving_invoice_address2	String	No		
receiving_invoice_address3	String	No		
receiving_invoice_address4	String	No		
Response				
status	Integer	No		

## 2.5 GetCompanyPreferences operation

This function returns the company preferences for a given company.

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](#).

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](#).

### 2.5.1 GetCompanyPreferences 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:GetCompanyPreferencesRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
      </request>
    </ns2:GetCompanyPreferencesRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

## 2.5.2 GetCompanyPreferences 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>
```

### Successful example

```
<?xml version="1.0" encoding="UTF-8"?>
<soap-env:envelope xmlns:soap-
env="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="urn:http://types.invoice.ink
assogram.se:v3" xmlns:ns2="urn:http://schema.invoice.inkassogram.se:v3">
  <soap-env:body>
    <ns2:GetCompanyPreferencesResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:company_name>Test company</ns1:company_name>
        <ns1:company_address>Kråkvägen 1</ns1:company_address>
        <ns1:company_zip>123456</ns1:company_zip>
        <ns1:company_city>Göteborg</ns1:company_city>
        <ns1:company_organization_number>991213-9689</ns1:company_organization_number>
        <ns1:company_vat_number>SE991213968901</ns1:company_vat_number>
        <ns1:company_bank_account_number></ns1:company_bank_account_number>
        <ns1:company_bg_account_number></ns1:company_bg_account_number>
        <ns1:company_pg_account_number></ns1:company_pg_account_number>
        <ns1:company_tax_registered>true</ns1:company_tax_registered>
        <ns1:invoice_contact_phone>+46 8 100 123 12</ns1:invoice_contact_phone>
        <ns1:invoice_contact_email>contactemail@mail.se</ns1:invoice_contact_email>
        <ns1:invoice_contact_web>www.testcompany.com</ns1:invoice_contact_web>
        <ns1:invoice_logo></ns1:invoice_logo>
        <ns1:invoice_static_text></ns1:invoice_static_text>
        <ns1:invoice_overdue_interest>24</ns1:invoice_overdue_interest>
        <ns1:invoice_amortization_accepted>true</ns1:invoice_amortization_accepted>
        <ns1:invoice_kfm_application_accepted>false</ns1:invoice_kfm_application_accepted>
      </response>
    </ns2:GetCompanyPreferencesResponse>
  </soap-env:body>
</soap-env:envelope>
```

### 2.5.3 GetCompanyPreferences Data Dictionary

Explains the elements in the GetCompanyPreferences operation (Request/Response).

Element	Data Type	Mandatory	Value	Description
<b>Request</b>				
key	String	Yes	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	Yes	Provided by Inkassogram	Account number
<b>Response</b>				
status	Integer	Yes		
company_name	String	No		
company_addresses	String	No		
company_zip	String	No		
company_city	String	No		
company_organization_number	String	Yes		
company_vat_number	String	Yes		
company_bank_account_number	String	No		
company_bg_account_number	String	No		
company_pg_account_number	String	No		
company_tax_registered	String	No		
invoice_contact_phone	String	No		
invoice_contact_email	String	No		



Element	Data Type	Mandatory	Value	Description
invoice_contact_web	String	No		
invoice_logo	String	No		
invoice_static_text	String	No		
invoice_overdue_interest	Float	No		
invoice_amortization_accepted	Boolean	No		
invoice_kfm_application_accepted	Boolean	No		
economy_reporting_email	String	Yes		
receiving_invoice_print_setup	String	No		
receiving_invoice_email	String	No		
receiving_invoice_address1	String	No		
receiving_invoice_address2	String	No		
receiving_invoice_address3	String	No		
receiving_invoice_address4	String	No		

## 2.6 ActivateInvoice operation

Activates an invoice when the product is in stock.

If the invoice was created with makeInvoiceReservation set to true, it is required to activate it as described in the next section.

By activating the invoice, it will be dispatched the same day. If a dispatch delay is required, it can be configured by setting the invoice\_send\_date parameter.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.6.1](#).

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 2.6.2](#).

## 2.6.1 ActivateInvoice Request

An example follows

```
<?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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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>
```

## 2.6.2 ActivateInvoice 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>45</faultcode>
      <faultstring>Can't activate invoice</faultstring>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### Successful 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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>
```

### 2.6.3 ActivateInvoice Data Dictionary

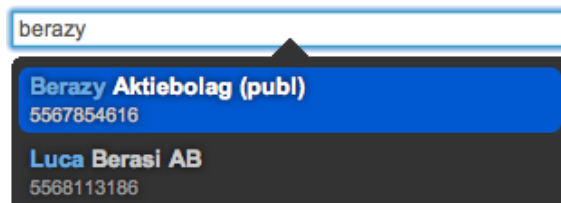
Explains the elements in the ActivateInvoice operation (Request/Response).

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

## 2.7 SearchCompany

Used for fetching information regarding a company.

By making a search request with `phonetic_search` set to `true`, the response will contain a result list as illustrated below.



The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.7.1](#).

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 2.7.2](#).

### 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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

Explains the elements in the SearchCompany operation (Request/Response).

Element	Data Type	Optional	Value	Description
<b>Request</b>				
Key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
company_name	String	Choice		A company name as "Volvo"
organization_number	String	Choice		An organization number
phonetic_search	Boolean	No	1/0	Uses a phonetic search algorithm.
country	String	Yes		
number_hits	Integer	Yes	1-40	Number of results in array set
<b>Response</b>				
Status	Integer	No	1/0	1 for success, 0 failed
<b>Rows</b>		Yes		
<b>company</b>		Yes		
company_name		No		
organization_number		No		
customer_address		Yes		
customer_zip		Yes		
customer_city		Yes		

## 2.8 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.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.8.1](#).

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 2.8.2](#).

### 2.8.1 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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>
```

## 2.8.2 InvoiceDetails Response

This example does not include all data received due to readability reasons. See the data dictionary in the 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <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>
```

### 2.8.3 InvoiceDetails Data Dictionary

Explains the elements in the InvoiceDetails operation (Request/Response).

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

Element	Data Type	Optional	Value	Description
your_reference	String	Yes		
invoice_reference	String	Yes		
invoice_order_no	String	Yes		
country	String	Yes		
careof_address1	String	Yes		
careof_address2	String	Yes		
careof_address3	String	Yes		
careof_address4	String	Yes		
careof_address5	String	Yes		
careof_email	String	Yes		
overdueinterest	Float	Yes		
amortization_accepted_by_customer	Integer	Yes		
payments -> payment	Complex Type of payment	Yes		Unbounded
payment -> date	String	No		
payment -> amount	Integer	No		
payment -> sender	String	No		
payment -> type	String	No		
payment -> reference_id	String	No		Payment or credit identifier.
<b>file_distribution -&gt; file</b>	Complex Type of file	Yes		Unbounded
file -> created	String	Yes		
file -> printSetup	Integer	Yes		
file -> file	String	Yes		

Element	Data Type	Optional	Value	Description
file -> invoiceState	String	Yes		
invoice_rows -> invoice_row	Complex Type of Invoice Row	Yes		Unbounded
invoice_row -> article_no	String	Yes		
invoice_row -> text	String	No		
invoice_row -> desc	String	Yes		
invoice_row -> price	Integer	No		
invoice_row -> quantity	Float	Yes		
invoice_row -> vat	Integer	No		
invoice_row -> unit	String	No		
invoice_row -> bookkeeping_account	String	No		
invoice_row -> project	String	No		
invoice_row -> profit_unit	String	No		
invoice_row -> type	String	No		One of the following: <ul style="list-style-type: none"> <li>• CAPITAL</li> <li>• NOTIFICATION_FEE</li> <li>• REMINDER</li> <li>• DEBT_COLLECTION</li> <li>• INTEREST</li> <li>• KFM_APPLICATION</li> <li>• KFM_DELEGATION</li> <li>• KFM_VS</li> <li>• INSTALLMENT_AMORTIZATION_FEE</li> </ul>

## 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 an organization number.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 3.1.1](#).

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 3.1.2](#).



### 3.1.1 SaveCompany Request

```
<SOAP-ENV:Envelope xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="urn:http://types.invoice.ink
assogram.se:v3" xmlns:ns2="urn:http://schema.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:SaveCompanyRequest>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:reseller_key>91cdfaaddc8b9b44547f5e331211ad</ns1:reseller_key>
        <ns1:bankid_sign_and_collect>true</ns1:bankid_sign_and_collect>
        <ns1:company_organization_number>5567854616</ns1:company_organization_number>
        <ns1:company_bg_account_number>BG</ns1:company_bg_account_number>
        <ns1:company_pg_account_number>PG</ns1:company_pg_account_number>
        <ns1:invoice_contact_phone>031-788 00 00</ns1:invoice_contact_phone>
        <ns1:invoice_contact_email>kundtjanst@company.com</ns1:invoice_contact_email>
        <ns1:invoice_contact_web>www.company.com</ns1:invoice_contact_web>
        <ns1:invoice_static_text></ns1:invoice_static_text>
        <ns1:user_mobile_number>0769999999</ns1:user_mobile_number>
        <ns1:user_ssn>198001011234</ns1:user_ssn>
        <ns1:user_email>example@company.com</ns1:user_email>
      </request>
    </ns2:SaveCompanyRequest>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.1.2 SaveCompany 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>
```

#### Successful example

```
<SOAP-ENV:Envelope xmlns:SOAP-
ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="urn:http://types.invoice.ink
assogram.se:v3" xmlns:ns2="urn:http://schema.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:SaveCompanyResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:ip_address></ns1:ip_address>
      </response>
    </ns2:SaveCompanyResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.1.3 SaveCompany Data Dictionary

Explains the elements in the SaveCompany operation (Request/Response).

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request.  <b>Important note:</b> key is not the same as reseller key.
customerno	Integer	No	Provided by Inkassogram	Account number
reseller_key	String	No	Provided by Inkassogram	
bankid_sign_and_collect	Boolean	No		Enables the BankIDCollect function for a two-step registration process. Otherwise a single “long” call will be made, with a TTL value of 220 seconds.
ip_address	String	Yes		IP lock will use supplied address or calling server.
company_organisation_number	String	No		
company_name	String	Yes		Name of the company
company_address	String	Yes		Address
company_zip	String	Yes		Zip code

Element	Data Type	Optional	Value	Description
company_city	String	Yes		City
company_bg_account_number	String	Yes		BG account number for debt payments
company_pg_account_number	String	Yes		PG account number for debt payments
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 Recommended image is 800x300 pixels in dimension.
invoice_font_accent_color	String	Yes	hex	Font accent color on postal, pdf and email.
invoice_background_accent_color	String	Yes	hex	Background accent color on postal, pdf and email.

Element	Data Type	Optional	Value	Description
invoice_static_text	String	Yes		
invoice_overdue_interest	String	Yes		
invoice_amortization_accepted	Boolean	Yes		
invoice_kfm_application_accepted	Boolean	Yes		
user_mobile_number	String	No		
user_ssn	String	No		
user_email	String	No		
user_ip_address	String	No		
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed
key	String	No		<p>The key is used to authenticate the request</p> <p>Only set if bankid_sign_and_collect is set to false</p>

Element	Data Type	Optional	Value	Description
customerno	Integer	No		Only set if bankid_sign_and_collect is set to false
ip_address	String	No		
bankid_order_ref	String	No		Only set if bankid_sign_and_collect is set to true
bankid_auto_start_token	String	Yes		Only set if bankid_sign_and_collect is set to true

## 3.2 BankIDCollect

This function is unlocked once a call has been made to SaveCompany with bankid\_sign\_and\_collect set to false, allowing for a two-step registration.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 2.10.1](#).

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 2.10.2](#).

### 3.2.1 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:v3" xmlns:ns2="urn:https://schema.invoice.inkassogram.se:v3">
  <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>
```

### 3.2.2 BankIDCollect Response

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/" xmlns:ns1="urn:http://types.invoice.inkassogram.se:v3" xmlns:ns2="urn:http://schema.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:BankIDCollectResponse>
      <response>
        <ns1:status>1</ns1:status>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:given_name>Bar</ns1:surname>
        <ns1:surname>Bar</ns1:surname>
      </response>
    </ns2:BankIDCollectResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```



### 3.2.3 BankIDCollect Data Dictionary

Explains the elements in the BankIDCollect operation (Request/Response).

Element	Data Type	Optional	Value	Description
<b>Request</b>				
Key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
order_ref	String	No		Received from SaveCompany request
Ttl	Integer	Yes	Recommended 90 sec	
<b>Response</b>				
status	Integer	No	1/0	1 for success, 0 failed
given_name	String	Yes		
surname	String	Yes		
Key	String	No		
customerno	Integer	No		

### 3.3 GetAvailableBgPgForCompany operation

GetAvailableBgPgForCompany operation is a feature to make a separate credit check and/or fetch the information for the given social security number or organization number.

The request is submitted to the Inkassogram platform. Applications submitting messages to this operation must format the XML request as described in [Section 3.3.1](#).

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 3.3.2](#).

### 3.3.1 GetAvailableBgPgForCompany 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:v3" xmlns:ns2="urn:https://schemas.invoice.inkassogram.se:v3">
  <SOAP-ENV:Body>
    <ns2:GetAvailableBgPgForCompany>
      <request>
        <ns1:key>9994a8d78831cdfc8b9b7f5e28f199dc</ns1:key>
        <ns1:customerno>333</ns1:customerno>
        <ns1:reseller_key>100299101201</ns1:reseller_key>
        <ns1:company_organization_number>
          559012-7725
        </ns1:company_organization_number>
      </request>
    </ns2:GetAvailableBgPgForCompany>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

### 3.3.2 GetAvailableBgPgForCompany 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>
```

#### Successful example

### 3.3.3 GetAvailableBgPgForCompany Data Dictionary

Explains the elements in the GetAvailableBgPgForCompany operation (Request/Response).

Element	Data Type	Optional	Value	Description
<b>Request</b>				
key	String	No	Provided by Inkassogram	The key is used to authenticate the request
customerno	Integer	No	Provided by Inkassogram	Account number
reseller_key	String	No		
company_organization_number	String	No		
<b>Response</b>				
status	Integer	No	1/0	
bg_pg_accounts -> bg_pg_account	Complex Type of bg_pg_account	No		
bg_pg_account -> name	String	No		
bg_pg_account -> bg	String	No		
bg_pg_account -> pg	String	No		

## 4.0 WSDL

```
<?xml version="1.0" encoding="UTF-8"?>
<wsdl:definitions
  xmlns="http://schemas.xmlsoap.org/wsdl/"
  xmlns:soap="http://schemas.xmlsoap.org/wsdl/soap/"
  xmlns:wsdl="http://schemas.xmlsoap.org/wsdl/"
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
  xmlns:tns="urn:https://schema.invoice.inkassogram.se:v3"
  xmlns:res="urn:https://types.invoice.inkassogram.se:v3"
  targetNamespace="urn:https://schema.invoice.inkassogram.se:v3">

  <wsdl:documentation>Version: 3.2</wsdl:documentation>
  <wsdl:types>
    <xsd:schema targetNamespace="urn:https://schema.invoice.inkassogram.se:v3">
      <xsd:import
        schemaLocation="https://api.inkassogram.se/soap/wsdl/inkassogram_invoice_tool
s_schema_3.2.xsd"
        namespace="urn:https://types.invoice.inkassogram.se:v3"
      />

      <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="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:schema>
  </wsdl:types>
</wsdl:definitions>
```

```

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="RegisterPaymentRequest">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="request" type="res:RegisterPaymentRequestType" minOccurs="1"
maxOccurs="1" nillable="false" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="RegisterPaymentResponse">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="response" type="res:RegisterPaymentResponseType" 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" m
axOccurs="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="SearchCompanyRequest">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="request" type="res:SearchCompanyRequestType" minOccurs="1" m
axOccurs="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="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" max
Occurs="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" n
illable="true" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>

<xsd:element name="UpdateCompanyPreferencesRequest">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="request" type="res:UpdateCompanyPreferencesRequestType" minO
ccurs="1" maxOccurs="1" nillable="false" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="UpdateCompanyPreferencesResponse">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="response" type="res:UpdateCompanyPreferencesResponseType" mi
nOccurs="0" nillable="true" />
</xsd:sequence>
</xsd:complexType>
</xsd:element>

<xsd:element name="GetAvailableBgPgForCompanyRequest">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="request" type="res:GetAvailableBgPgForCompanyRequestType" mi
nOccurs="1" maxOccurs="1" nillable="false" />
</xsd:sequence>
</xsd:complexType>

```



```

        </xsd:element>
        <xsd:element name="GetAvailableBgPgForCompanyResponse">
        <xsd:complexType>
        <xsd:sequence>
        <xsd:element name="response" type="res:GetAvailableBgPgForCompanyResponseType"
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="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="RegisterPaymentRequest">
    <part name="parameters" element="tns:RegisterPaymentRequest"/>
</message>
<message name="RegisterPaymentResponse">
    <part name="parameters" element="tns:RegisterPaymentResponse"/>
</message>
<message name="BankIDCollectRequest">
    <part name="parameters" element="tns:BankIDCollectRequest"/>
</message>
<message name="BankIDCollectResponse">
    <part name="parameters" element="tns:BankIDCollectResponse"/>
</message>
<message name="SearchCompanyRequest">
    <part name="parameters" element="tns:SearchCompanyRequest"/>
</message>
<message name="SearchCompanyResponse">
    <part name="parameters" element="tns:SearchCompanyResponse"/>
</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="UpdateCompanyPreferencesRequest">

```

```

    <part name="parameters" element="tns:UpdateCompanyPreferencesRequest"/>
</message>
<message name="UpdateCompanyPreferencesResponse">
    <part name="parameters" element="tns:UpdateCompanyPreferencesResponse"/>
</message>
<message name="GetAvailableBgPgForCompanyRequest">
    <part name="parameters" element="tns:GetAvailableBgPgForCompanyRequest"/>
</message>
<message name="GetAvailableBgPgForCompanyResponse">
    <part name="parameters" element="tns:GetAvailableBgPgForCompanyResponse"/>
</message>

<wsdl:portType name="InvoiceService">
    <wsdl:operation name="SsnCheck">
        <wsdl:input message="tns:SsnCheckRequest" />
        <wsdl:output message="tns:SsnCheckResponse" />
    </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="RegisterPayment">
        <wsdl:input message="tns:RegisterPaymentRequest" />
        <wsdl:output message="tns:RegisterPaymentResponse" />
    </wsdl:operation>
    <wsdl:operation name="BankIDCollect">
        <wsdl:input message="tns:BankIDCollectRequest" />
        <wsdl:output message="tns:BankIDCollectResponse" />
    </wsdl:operation>
    <wsdl:operation name="SearchCompany">
        <wsdl:input message="tns:SearchCompanyRequest" />
        <wsdl:output message="tns:SearchCompanyResponse" />
    </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="UpdateCompanyPreferences">
        <wsdl:input message="tns:UpdateCompanyPreferencesRequest" />
        <wsdl:output message="tns:UpdateCompanyPreferencesResponse" />
    </wsdl:operation>
    <wsdl:operation name="GetAvailableBgPgForCompany">
        <wsdl:input message="tns:GetAvailableBgPgForCompanyRequest" />
        <wsdl:output message="tns:GetAvailableBgPgForCompanyResponse" />
    </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="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="RegisterPayment">
    <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="SearchCompany">
    <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="UpdateCompanyPreferences">
    <soap:operation />
    <wsdl:input>
    <soap:body use="literal" />
    </wsdl:input>
    <wsdl:output>
    <soap:body use="literal" />
    </wsdl:output>
  </wsdl:operation>
  <wsdl:operation name="GetAvailableBgPgForCompany">
    <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_v3.2"/>
  </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:http://types.invoice.inkassogram.se:v3"
  targetNamespace="urn:http://types.invoice.inkassogram.se:v3"
  elementFormDefault="qualified"
  version="3.2">

  <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="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" />
    </sequence>
  </complexType>

</schema>
```

```

<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="overdueinterest" type="float" minOccurs="0" maxOccurs="1" />
<element name="amortization_accepted_by_customer" type="int" minOccurs="0" maxOcc
urs="1" />
<element name="file_distribution" type="tns:file_distributionType" minOccurs="0"
maxOccurs="1" />
<element name="payments" type="tns:paymentsType" minOccurs="0" maxOccurs="1" />
<element name="invoice_rows" type="tns:invoice_rowsType" 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="tn
s:fileType" />
</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="invoice_rowsType">
<sequence>
<element minOccurs="0" maxOccurs="unbounded" name="invoice_row" nillable="true" t
ype="tns:invoice_rowType" />
</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" />

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<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" />
<element maxOccurs="1" minOccurs="0" name="type">
  <simpleType>
    <restriction base="string">
      <enumeration value="CAPITAL"/>
      <enumeration value="NOTIFICATION_FEE"/>
      <enumeration value="REMINDER"/>
      <enumeration value="DEBT_COLLECTION"/>
      <enumeration value="INTEREST"/>
      <enumeration value="KFM_APPLICATION"/>
      <enumeration value="KFM_DELEGATION"/>
      <enumeration value="KFM_VS"/>
      <enumeration value="INSTALLMENT_AMORTIZATION_FEE"/>
    </restriction>
  </simpleType>
</element>
</sequence>
</complexType>

<!-- ActivateInvoice -->
<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="RegisterPaymentRequestType">
  <sequence>
    <element name="key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
    <choice>
      <element name="order_no" type="string" minOccurs="1" maxOccurs="1" />
      <element name="ocr" type="int" minOccurs="1" maxOccurs="1" />
    </choice>
    <element name="payment_amount" minOccurs="1" maxOccurs="1" >
      <simpleType>
        <restriction base="int">
          <minInclusive value="0"/>
        </restriction>
      </simpleType>
    </element>
    <element name="date" type="string" minOccurs="1" maxOccurs="1" />
    <element name="close_case" type="boolean" minOccurs="1" maxOccurs="1" />
    <element maxOccurs="1" minOccurs="0" name="charge_policy">
      <simpleType>

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        <restriction base="string">
            <enumeration value="CHARGE"/>
            <enumeration value="NOCHARGE"/>
            <enumeration value="WITHDRAWAL"/>
        </restriction>
    </simpleType>
</element>
</sequence>
</complexType>
<complexType name="RegisterPaymentResponseType">
    <sequence>
        <element name="status" type="int" minOccurs="1" 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" />
        <element name="key" type="string" minOccurs="1" maxOccurs="1" />
        <element name="customerno" type="int" minOccurs="1" 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" />
    </sequence>
</complexType>

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        <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>

<!-- 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="changes_from_date" type="string" minOccurs="0" 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="company_organization_number" 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"/>
                </restriction>
            </simpleType>
        </element>
        <element name="invoice_status" maxOccurs="1" minOccurs="0">
            <simpleType>
                <restriction base="string">
                    <enumeration value="DISPUTE"/>
                    <enumeration value="RESERVED"/>
                    <enumeration value="PART_PAYMENT"/>
                    <enumeration value="AMORTIZATION"/>
                    <enumeration value="EBV"/>
                </restriction>
            </simpleType>
        </element>
        <element name="process_status" maxOccurs="1" minOccurs="0">
            <simpleType>
                <restriction base="string">
                    <enumeration value="INVOICE"/>
                    <enumeration value="REMINDER"/>
                    <enumeration value="DEBT_COLLECTION"/>
                    <enumeration value="FINAL_NOTICE"/>
                </restriction>
            </simpleType>
        </element>
    </sequence>
</complexType>

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        <enumeration value="KFM_APPLICATION"/>
        <enumeration value="KFM_SETTLEMENT"/>
        <enumeration value="KFM_VS"/>
    </restriction>
</simpleType>
</element>
<element name="amount_left_bigger_than_or_equal_to" type="int" minOccurs="0" maxO
ccurs="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" maxO
ccurs="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_paid" type="int" minOccurs="0" maxOccurs="1" />
        <element name="amount_unpaid" type="int" minOccurs="0" maxOccurs="1" />
        <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="send_as" 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">

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    <simpleType>
      <restriction base="string">
        <enumeration value="PAID"/>
        <enumeration value="UNPAID"/>
        <enumeration value="PART_PAID"/>
        <enumeration value="CREDITED"/>
      </restriction>
    </simpleType>
  </element>
  <element name="invoice_status" maxOccurs="1" minOccurs="0" nillable="true">
    <simpleType>
      <restriction base="string">
        <enumeration value="DISPUTE"/>
        <enumeration value="RESERVED"/>
        <enumeration value="PART_PAYMENT"/>
        <enumeration value="AMORTIZATION"/>
        <enumeration value="EBV"/>
      </restriction>
    </simpleType>
  </element>
  <element name="process_status" maxOccurs="1" minOccurs="0">
    <simpleType>
      <restriction base="string">
        <enumeration value="INVOICE"/>
        <enumeration value="REMINDER"/>
        <enumeration value="DEBT_COLLECTION"/>
        <enumeration value="FINAL_NOTICE"/>
        <enumeration value="KFM_APPLICATION"/>
        <enumeration value="KFM_SETTLEMENT"/>
        <enumeration value="KFM_VS"/>
      </restriction>
    </simpleType>
  </element>
  <element type="string" name="company_name" maxOccurs="1" minOccurs="0"/>
  <element type="string" name="company_organization_number" 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="reseller_key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="bankid_sign_and_collect" type="boolean" minOccurs="1" maxOccurs="1
" />
    <element name="ip_address" type="string" minOccurs="0" maxOccurs="1" />
    <element name="company_organization_number" type="string" 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" />

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<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="company_tax_registered" type="boolean" 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="invoice_overdue_interest" type="float" minOccurs="0" maxOccurs="1"
/>
<element name="invoice_amortization_accepted" type="boolean" minOccurs="0" maxOcc
urs="1" />
<element name="invoice_kfm_application_accepted" type="boolean" minOccurs="0" max
Occurs="1" />
<element name="user_mobile_number" type="string" minOccurs="1" maxOccurs="1" />
<element name="user_ssn" type="string" minOccurs="1" maxOccurs="1" />
<element name="user_email" 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="0" maxOccurs="1" />
<element name="customerno" type="int" minOccurs="0" maxOccurs="1" />
<element name="ip_address" type="string" minOccurs="0" maxOccurs="1" />
<element name="bankid_order_ref" type="string" minOccurs="0" maxOccurs="1" />
<element name="bankid_auto_start_token" type="string" minOccurs="0" maxOccurs="1"
/>
</sequence>
</complexType>

<!-- UpdateCompanyPreferences -->
<complexType name="UpdateCompanyPreferencesRequestType">
<sequence>
<element name="key" type="string" minOccurs="1" maxOccurs="1" />
<element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
<element name="reseller_key" type="string" minOccurs="1" maxOccurs="1" />
<element name="ip_address" type="string" minOccurs="0" 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="invoice_contact_phone" type="string" minOccurs="0" maxOccurs="1" /
>
<element name="invoice_contact_email" type="string" minOccurs="0" 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="invoice_overdue_interest" type="float" minOccurs="0" maxOccurs="1"
/>
<element name="invoice_amortization_accepted" type="boolean" minOccurs="0" maxOcc
urs="1" />
<element name="invoice_kfm_application_accepted" type="boolean" minOccurs="0" max
Occurs="1" />
<element name="economy_reporting_email" type="string" minOccurs="0" maxOccurs="1"

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/>
    <element name="receiving_invoice_print_setup" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_email" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address1" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address2" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address3" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address4" type="string" minOccurs="0" maxOccurs="1" />
  </sequence>
</complexType>
<complexType name="UpdateCompanyPreferencesResponseType">
  <sequence>
    <element name="status" type="int" minOccurs="1" maxOccurs="1" />
  </sequence>
</complexType>

<!-- GetCompanyPreferences -->
<complexType name="GetCompanyPreferencesRequestType">
  <sequence>
    <element name="key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
  </sequence>
</complexType>
<complexType name="GetCompanyPreferencesResponseType">
  <sequence>
    <element name="status" 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_bank_account_number" type="string" minOccurs="0" 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="company_tax_registered" type="boolean" 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="invoice_overdue_interest" type="float" minOccurs="0" maxOccurs="1" />
    <element name="invoice_amortization_accepted" type="boolean" minOccurs="0" maxOccurs="1" />
    <element name="invoice_kfm_application_accepted" type="boolean" minOccurs="0" maxOccurs="1" />
    <element name="economy_reporting_email" type="string" minOccurs="1" maxOccurs="1" />
  </sequence>
</complexType>

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    <element name="receiving_invoice_print_setup" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_email" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address1" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address2" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address3" type="string" minOccurs="0" maxOccurs="1" />
    <element name="receiving_invoice_address4" type="string" minOccurs="0" maxOccurs="1" />
  </sequence>
</complexType>

<!-- GetAvailableBgPgForCompany -->
<complexType name="GetAvailableBgPgForCompanyRequestType">
  <sequence>
    <element name="key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="customerno" type="int" minOccurs="1" maxOccurs="1" />
    <element name="reseller_key" type="string" minOccurs="1" maxOccurs="1" />
    <element name="company_organization_number" type="string" minOccurs="1" maxOccurs="1" />
  </sequence>
</complexType>
<complexType name="GetAvailableBgPgForCompanyResponseType">
  <sequence>
    <element name="status" type="int" minOccurs="1" maxOccurs="1" />
    <element name="bg_pg_accounts" type="tns:bg_pg_accountsType" minOccurs="0" maxOccurs="1" />
  </sequence>
</complexType>
<complexType name="bg_pg_accountsType">
  <sequence>
    <element minOccurs="0" maxOccurs="unbounded" name="account" nillable="true" type="tns:accountType" />
  </sequence>
</complexType>
<complexType name="accountType">
  <sequence>
    <element minOccurs="1" maxOccurs="1" name="name" type="string" />
    <element minOccurs="1" maxOccurs="1" name="bg" type="string" nillable="true" />
    <element minOccurs="1" maxOccurs="1" name="pg" type="string" nillable="true" />
  </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 invoice already exists in the system.
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
0	180	BankID could not validate user!
0	181	BankID could not identify user! Please try again
0	182	BankID error occurred in security application! Please try again or update software.
0	183	BankID could not identify user, user aborted! Please try again
0	184	BankID could not identify user! Please try again
0	190	BankID could not validate user! Please try again



statusCode	errorCode	description
0	191	BankID error occurred in security application! Please try again or update software.
1		Delivered