API documentation

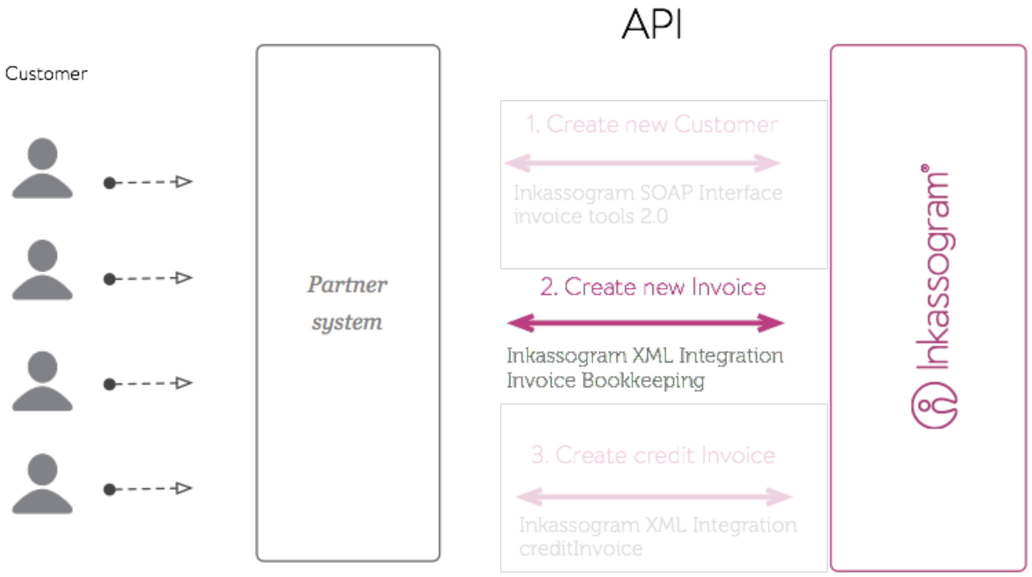
Inkassogram XML Integration Invoice Bookkeeping

Use this API to create a new debit invoice.

V1.0

Table of contents

1 Introduction


API
Customer
Partner system
1. Create new Customer
Inkassogram SOAP Interface invoice tools 2.0
2. Create new Invoice
Inkassogram XML Integration Invoice Bookkeeping
3. Create credit Invoice
Inkassogram XML Integration creditInvoice
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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. Leave blank when generation of key unless IP lock. By default, test accounts are not IP locked.
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:
https://api.inkassogram.se/API/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>techsupport@inkassogram.se</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>
    <companyOrgNo></companyOrgNo>
    <companyName></companyName>
    <companyAddress></companyAddress>
    <companyZip></companyZip>
    <companyCity></companyCity>
    <pdfFile></pdfFile>
    <errorCode></errorCode>
    <bgAccount></bgAccount>
    <pgAccount></pgAccount>
    <ibanAccount></ibanAccount>
    <swiftAccount></swiftAccount>
    <invoiceDisclaimer></invoiceDisclaimer>
    <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

Element	Data Type	Optional	Value	Description
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
service	Integer	No	1,2,3	1 - Invoice Service 2 - Factoring 3 - American Factoring
printSetup	Integer	No	1,2,3,4,5	1 - Email, PDF 2 - Terminal print 3 - Print on Demand 4 - SMS Invoice 5 - EDI/SVE Invoice
ssn	String	No	YYYYMMDDXXXX / YYMMDDXXXX / XXXXXX-XXXX	Primary Social Security Number OR Organization Number.
organizationNumber	String	Yes	XXXXXX-XXXX	Organization Number used when ssn is set to Primary Social Security Number together with BankID.
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.

Element	Data Type	Optional	Value	Description
languageCode	String	Yes	xx	ISO-639-1 alpha-2 format required. Example: “en” generates an invoice in English.
currencyCode	String	Yes	XXX	ISO 4217 format required. Example: “USD” or “DKK”.
currencyExchangeRate	String	Yes		Exchange Rate where base currency is currencyCode, and counter currency is SEK. Example: “8.81” for USDSEK.
termsOfDelivery	String	Yes		Terms of delivery
cashRounding	Boolean	Yes	1/0	If cash rounding should be applied to invoice.
vatRoundingPerRow	Boolean	Yes	1/0	If ERP rounds incl vat at subtotal level, to calculate total amount of invoice. Default is false. **Important**: Cannot be defined as false if vatIncluded is set to true.
vatIncluded	Boolean	Yes	1/0	If invoice should be presented incl VAT. Default is false for organisations, and true for individuals.
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

Element	Data Type	Optional	Value	Description
invoiceDate	Integer	Yes	Unixtime	Date when the invoice shall be sent to the receiver.
dueDate	Integer	Yes	Unixtime	Invoice Due Date in Unixtime format
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. Invoice number from ERP.
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

Element	Data Type	Optional	Value	Description
				files
attachedDocument	String	Yes	base 64 encoded binary file	Attached document in base64 encoded format
attachedDocumentMd5	String	Yes		md5 hash of binary document
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		

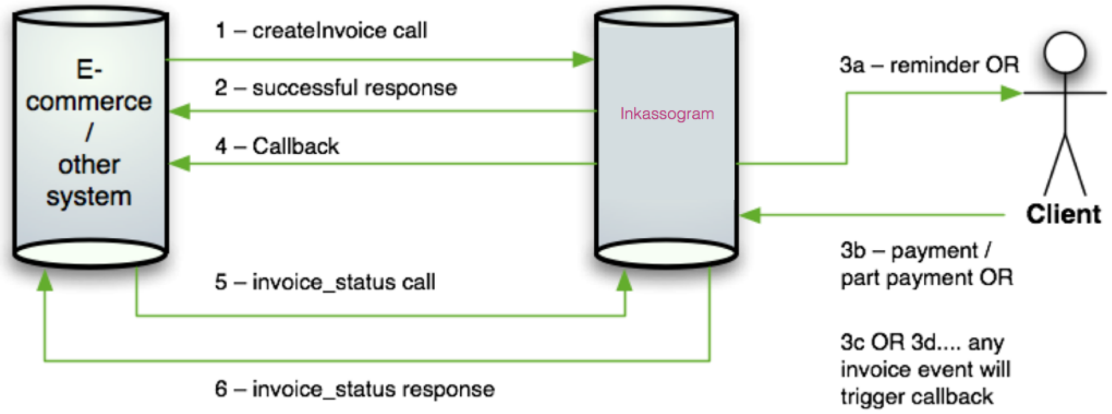
Element	Data Type	Optional	Value	Description
co_name	String	No		Company Name / Invoice Receiver Name
co_address	String	No		Address
co_address2	String	Yes		Address 2
co_zip	String	Yes		Zip Code
co_city	String	Yes		City / Town
InvoiceRows		No		
articleNo	String	Yes		Article Number
text	String	No		Article 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 whatever 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 has been changed.

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


E-commerce / other system
1 – createInvoice call
2 – successful response
4 – Callback
Inkassogram
3a – reminder OR
Client
3b – payment / part payment OR
3c OR 3d.... any invoice event will trigger callback
5 – invoice_status call
6 – invoice_status response

2.1.5 Create Invoice XSD Scheme

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: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: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 does not match
0	115	Zip and ssn does not match
0	116	Prövning på privatperson
0	117	Avslag på privatperson
0	118	Personnummer kunde inte hittas
0	119	ssn is not a trusted Credit customer
0	120	Prövning på företag
0	121	Avslag på företag
0	122	Organization number could not be found
0	123	Company is not a trusted Credit customer

statusCode	errorCode	description
0	124	Request not received correctly
0	125	Key does not 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 does not 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

statusCode	errorCode	description
0	190	BankID could not validate user! Please try again
0	191	BankID error occurred in security application! Please try again or update software.
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/api-libs/tree/master/PHP

4.2 Java Integration

Java code example can be downloaded from https://github.com/inkassogram/api-libs/tree/master/Java

4.3 .NET Integration

Java code example can be downloaded from https://github.com/inkassogram/api-libs/tree/master/NET