

Collector Bank Invoice Service API V 32

Reference Guide

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1. INTRODUCTION

1.1 Purpose

The purpose of this document is to describe the web services and web service operations of Collector Banks API in detail.

1.2 Feedback

Although we cannot respond individually to each email, we do appreciate your feedback and will consider your comments for future versions of this document. Please put "Feedback on Collector Bank API Reference Guide" in the subject line, and email us at <u>merchant@collectorbank.se</u>.

1.3 Intended audience

This guide is intended to assist software developers who want to develop applications using the Collector Bank API. To use the information provided here, you should be familiar with:

- SOAP
- XML
- Online shop systems
- Programming in general and basic understanding of web services
- A programming language for consuming web services

1.4 Typographic Conventions

This guide uses several conventions to highlight certain words and phrases and draw attention to specific pieces of information.

monospace italic

Denotes placeholders in general, e.g. arguments to commands and functions where the argument is to be replaced by a specific value.

monospace bold

Denotes language keywords when used outside example code.

Italic

Highlights important notes, introduces special terminology, denotes internal cross-references, and citations.

Bold

Highlights parameters and interface elements, such as menu names. Also used for emphasis in descriptive lists, where appropriate.

1.5 References

Description	Location
Collector eCommerce API Integration Guide	
W3Schools SOAP-Tutorial	http://www.w3schools.com/soap/default.asp
W3Schools SOAP Fault Element	http://www.w3schools.com/soap/soap_fault.asp
ISO 3166 code lists	http://www.iso.org/iso/country_codes/iso_3166_code_lists.htm
ISO 8601 date and time format	http://www.iso.org/iso/date and time format

Table 1: References

2. GENERAL

2.1 Security

All SOAP requests require the mandatory fields **Username** and **Password** to authorize the request. Requests to the web services of the Collector Bank API can only be made through **HTTPS** (Hypertext Transfer Protocol (**HTTP**) with **SSL/TLS** protocol to provide encrypted communication and secure identification).

You'll receive a **Username** and **Password** from your Partner Integration Manager at Collector. You will receive different credentials for the test and production environment. Production credentials are sent to you when the implementation is approved by the Partner Integration Manager.

Make sure that you have the right amount of headers in your SOAP-envelope. In addition to **Username** and **Password**, the *AddInvoice* request and the *SetReservation* request also needs the ClientIpAddress parameter to work properly.

For partners using different stores (agreements) all requests needs a **StoreId** to identify the specific store. If you only have one store (standard), then the **StoreId** is not needed.

To secure that your response is handled correctly with the correct request, we have a **CorrelationId** (any string value) that can be sent in into all requests, and the response will contain the same **CorrelationId**. With this you can secure that the response actually matches the request.

2.2 Date and Time Formats

All date and time fields must comply with ISO 8601. The representation of **Date and time** for example would be:

YYYY-MM-DDThh:mm:ss

2.3 Encoding

The web services of the Collector Bank API require UTF-8 encoding.

2.4 Error Handling

All errors will be returned as simple SOAP faults and are presented in a separate section in this document.

2.5 Web service

WSDL Url to Production environment: https://ecommerce.collector.se/v3.0/InvoiceServiceV32.svc?wsdl

WSDL Url to test environment: https://ecommercetest.collector.se/v3.0/InvoiceServiceV32.svc?wsdl

The Invoicing service is published through a web services description language (WSDL) file.

2.6 API versions

When a new version of the API is released, previous versions are supported for a limited time to allow applications to continue to function until they are upgraded.

3. INVOICESERVICE

General for almost all requests is that an invoice number (**InvoiceNo**) is needed to handle the request. The invoice number is generated by Collector in the **AddInvoice** method and returned in the response. This invoice number needs to be stored (together with your order) for further request of that invoice, example when handling returns.

All methods available in Collector Bank API is presented below.

3.1 Types

The types used in requests are presented below.

3.1.1 Invoice status

The invoice status type is an enumeration value. Defined values are:

On hold (0) - Collector have not yet approved the invoice.

Pending (1) - The invoice is approved by Collector, and can be activated.

Activated (2) - The invoice is activated by partner. Collector has purchased the invoice.

Rejected (5) - The invoice is rejected by Collector.

Signing (6) – The invoice needs to be digitally signed by end customer before the invoice can be activated.

3.1.2 BaseAddress

Parameter	Туре	Max.	Description
Address1	String	50	First address line of the customer.
Address2	string	50	Second address line of the customer.
COAddress	string	50	C/o address of the customer.
PostalCode string 50 Posta		50	Postal code of the customer.
City	string	50	City of the customer.
CountryCode	string	2	The country code (ISO 3166-1 alpha-2) for the country of the customer.

3.1.3 Address

Parameter	Req.	Туре	Max.	Description
Firstname	х	String	50	
Lastname	х	String	50	
CompanyName		String	50	
Address1	х	String	50	Required in all countries except Norway.
Address2		String	50	
COAddress		String	50	
PostalCode	х	String	50	
City	х	String	50	
PhoneNumber		String	20	Should always contain countrycode (eg. +46 xxx xxx xxx).
CellPhoneNumber		String	20	Required in Norway.
				Should always contain countrycode (eg. +46 xxx xxx xxx).
Email		String	260	
CountryCode	х	String	2	

3.1.4 InvoiceRow

Parameter	Req.	Туре	Max.	Description
ArticleId	х	String	50	The ArticleId of the product.
Description	х	String	50	The description of the product.
Quantity	х	Int	8	The quantity of the product.

UnitPrice	х	Decimal	6,2	Price per unit incl. VAT.
VAT	х	Decimal	2,2	VAT in percent.

3.1.5 ArticleList

Parameter	Req.	Туре	Max.	. Description	
ArticleId	х	String	50	The ArticleId of the product.	
Quantity	х	String	8	The quantity of the product.	
Description	х	String	50	The description of the product.	

3.2 GetAddress

The operation returns address information of a customer based on civic registration number, only available in Sweden. To use this functionality, an agreement with Collector must be made.

When this service is used the following needs to be applied:

The service can only be used in the checkout and Collector needs to be the pre chosen payment option.

If the payment type is changed this service should be hidden/disabled.

The button that submits the request cannot be named "Hämta adress" instead "Fortsätt" or equal should be used.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the country. Only
CountryCode	1	false	2	string	"SE" allowed.
RegNo	1	false	12	string	The customer civic registration number.
					The IP address of the customer performing the purchase at
ClientIpAddress	1	false	50	string	the partner's web shop.

3.2.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
Firstname	1	true	50	string	First name of the customer.
Lastname	1	true	50	string	Last name of the customer.
RegNo	1	true	12	String	The customer civic registration number.
Addresses	1	true	-	BaseAddress[]	A list of addresses where the person is registered.

3.3 AddInvoice

With this request, we will credit check the customer, and if approved add the invoice. This invoice then needs to be activated through the **ActivateInvoice** or **PartActivateInvoice** (The invoice could also be autoactivated directly in **AddInvoice** request, if the package is sent directly when ordered).

This method will return the Invoice number (InvoiceNo) which should be stored and used when handling the order/invoice later on (e.g. CreditInvoice, PartCreditInvoice, AdjustInvoice, CancelInvoice etc).

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
Storeld	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for country.
					Civic reg no of person in SE, NO, DK, FI.
					In DE, AT, NL the date of birth should be provided.
					Format:
					DE, AT, NL: yyyymmdd
					SE: yymmddxxxx
					DK, FI: ddmmyyxxxx
					NO: ddmmyyxxxxx
					For company the organization number should be
RegNo	1	false	12	string	provided.
					The IP address of the customer performing the
ClientIpAddress	1	false	50	string	purchase at the partner's web shop.
					Currency used during the purchase. Must be the
					same currency where the customer is registered and
					the e-store owner is located.
					Currency code is a three letter combination based on
Currency	1	false	3	string	ISO 4217, for example: SEK, DKK, EUR.
					If the e-store wants to search for a customer by their
					own customer id, this field can be used to specify
CustomerNo	1	true	20	string	that number. Also shown on invoice.
					The order's identification can be used to search for a
OrderNo	1	true	20	string	specific order in the Collector Partner Portal.
OrderDate	1	false	-	datetime	The date that the costumer placed the order.
				InvoiceRow	The articles that should be listed on the invoice and
InvoiceRows	1	false	-	[]	contains the quantity and price of the article.
					Specify the type of invoice to use.
					The values (default value is 0) are:
					0 = Invoice will be in the package and/or directly
					sent with e-mail if InvoiceDeliveryMethod is set to 1
					(normal mail), Collector will not send this invoice to
					the customer; you will send it as part of the package.
					1 = Monthly invoice. Collector will send this invoice.
					3 = Aggregated invoice. Collector will send the
					invoice. All invoices incoming during the same month
					with this flag will be aggregated to one invoice.
					4 = Interest free invoice. Collector will send this
					invoice.
InvoiceType	1	false	-	int	5 = Annuity invoice. Collector will send this invoice.
InvoiceAddress	1	false	-	Address[]	The invoice address where the invoice should be

					sent to. For private persons this must be the address
					where the person is registered.
					The address where the product should be delivered to. For private persons this must be the address
DeliveryAddress	1	false	_	Address[]	where the person is registered.
CreditTime	1		_	int	Not used at the moment.
Credit fille	1	true	-	IIIC	
					Different options for affecting a purchase.
					Following values can be used (default value is 0): 0 = Purchase will be preliminary and must be
					activated, by using the ActivateInovice or through the Collector Partner Portal.
					1 = Auto activation, will automatically active the
					invoice so it can be sent out directly.
					This can only be used when the order can be
					delivered directly.
					2 = Pre-Paid invoice. The purchase will be activated
A still still a Quetien	1	C 1			first when an invoice is paid. Not used at the
ActivationOption	1	false	-	int	moment.
- (-				The Reference that should be as a reference on an
Reference	1	true	50	string	invoice. Will only be used for companies.
CostCenter	1	true	64	string	For companies that needs to specify a cost center.
					Persons gender according to the ISO/IEC 5218
					standard.
					0 = Not known
					1 = Male
					2 = Female
					9 = Not applicable
					This field is required in Germany, Netherlands and
Gender	1	true	-	int	Austria.
					The way to send the invoice. By default this is
					determined by Collector, but can be negotiated with
					Collector. If a current invoice exists, the latest
					information will be used next time the invoice is
					sent. The Value can be:
					1 = Normal mail or in package based on invoice type.
					2 = E-mail.
InvoiceDeliveryMetho					If value 3 is specified, both Normal mail and e-mail
d	1	false	-	int	should be used. The default value is 1.
					The campaign product code. The product code is
		1			determined by Collector. To use campaign products
ProductCode					
	1	true	16	string	an agreement with Collector must be made.
	1	true	16	string	an agreement with Collector must be made. The type of the purchase, to specify where the
	1	true	16	string	an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be:
	1	true	16	string	an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce
	1	true	16	string	an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce 1 = Store
	1	true	16	string	an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce
	1	true	16	string	an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce 1 = Store 2 = InvoicePayment 3 = P2P
PurchaseType	1	true	16	string	an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce 1 = Store 2 = InvoicePayment 3 = P2P 4 = Telesales
			16 _ 50		an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce 1 = Store 2 = InvoicePayment 3 = P2P 4 = Telesales Salesperson for order, if used.
PurchaseType	1	true	_	int	an agreement with Collector must be made. The type of the purchase, to specify where the purchase originates from. The value can be: 0 = E-Commerce 1 = Store 2 = InvoicePayment 3 = P2P 4 = Telesales

3.3.2	Response
3.3.4	response

Field min nillable Max Type Description	1					
	Field	min	nillable M	1ax	Туре	

	Occurs				
CorrelationId	1	true	50	string	CorrelationID from the request if any.
					The payment identification number. This is the id the
					customer must use when they do a payment of an invoice.
PaymentReference	1	true	50	string	Only returned if the invoice is auto activated.
AvailableReservation					The current available reservation amount. If no credit
Amount	1	true	6,2	decimal	reservation is done, 0 will be returned.
					The lowest amount to pay on the invoice. Only returned if
LowestAmountToPay	1	true	6,2	decimal	the invoice is auto activated.
					The total amount to pay for the invoice. Only returned if the
TotalAmount	1	true	6,2	decimal	invoice is auto activated.
InvoiceNo	1	false		string	The invoice number of the invoice.
InvoiceStatus	1	false	-	int	The invoice status.
					The due date of the invoice. Only returned if the invoice is
DueDate	1	true		datetime	auto activated.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

3.4 CancelInvoice

Cancel an invoice that is not yet activated. This functionality is non-reversible.

3.4.1 Parameters

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request
Password	1	false	50	string	The password used to authorize the request
Storeld	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the
CountryCode	1	false	2	string	country.
InvoiceNo	1	false	50	string	The InvoiceNo returned in AddInvoice.

3.4.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

3.5 ReplaceInvoice

Change a pending invoice. This API will replace all the current Invoice rows with the new specified.

3.5.1 Parameters

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false		string	The username used to authorize the request.
Password	1	false		string	The password used to authorize the request.
StoreId	1	true		short	The StoreId used for identification of store.
CorrelationId	1	true		string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the
CountryCode	1	false		string	country.
InvoiceNo	1	false		string	The InvoiceNo previously returned in AddInvoice.
					The articles that should replace the current
InvoiceRows	1	False		InvoiceRow[]	invoice's rows.

3.5.2 Response

Field	Туре	Description
CorrelationId	string	CorrelationID from the request if any.
		The current available reservation amount. If no
AvailableReservationAmount	Decimal	credit reservation is done, 0 will be returned.
TotalAmount	Decimal	The total amount to pay for the invoice.
InvoiceStatus	Int	The invoice status.

3.6 ActivateInvoice

Activation of invoice should be done when the goods are ready to be sent. This request fully activates the invoice. Normally an invoice needs to be activated within 30 days from placing of order.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
Storeld	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the
CountryCode	1	false	2	string	country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in AddInvoice.

3.6.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
PaymentReference	1	true	50	string	The Reference that should be as a reference on an invoice.
LowestAmountToPay	1	true	6,2	decimal	The lowest amount to pay on the invoice.
TotalAmount	1	true	6,2	decimal	The total amount to pay for the invoice.
DueDate	1	true	-	datetime	The due date of the invoice.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

3.7 PartActivateInvoice

Create an active invoice for the requested articles. If any pending articles remain a new pending invoice will be created for those articles and returned in **NewInvoiceNo** (this NewInvoiceNo should be used when activating the invoice in the next shipment). This functionality is used when part delivering goods.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the
CountryCode	1	false	2	string	country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in AddInvoice.
ArticleList	1	false	-	ArticleList[]	The list of articles that should be activated.

3.7.1 Parameters

3.7.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
					The new invoice number with the articles that where not
NewInvoiceNo	1	true	50	string	yet delivered.
PaymentReference	1	false	50	string	The Reference that should be as a reference on an invoice.
LowestAmountToPay	1	false	6,2	decimal	The lowest amount to pay on the invoice.
TotalAmount	1	false	6,2	decimal	The total amount to pay for the invoice.
DueDate	1	false	-	datetime	The due date of the invoice.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

3.8 CreditInvoice

Fully credits/returns the requested invoice.

3.8.1 Parameters

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in AddInvoice.
CreditDate	1	false	-	Datetime	The date of the return.

3.8.2 Response

Field	min Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

3.9 PartCreditInvoice

Credits the requested articles on the requested invoice and provides the option to create a new updated invoice with the remaining articles.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
Storeld	1	true	4	short	The StoreId used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the
CountryCode	1	false	2	string	country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in AddInvoice.
CreditDate	1	false	-	datetime	The date of the return.
ArticleList	1	false	-	ArticleList[]	The list of articles that should be credited.

3.9.2 Response

Field	min Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

3.10 AdjustInvoice

The operation AdjustInvoice is used to adjust the total invoice amount. The adjusted amount can be both negative and positive. A negative adjustment amount cannot be greater than the amount of the invoice. Please note that positive adjustments may lead to additional credit checks on the customer. To make several adjustments at the same time, several InvoiceRows can be added.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
StoreId	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in AddInvoice.
ArticleId	1	false	20	string	The article number for the specific product.
Description	1	false	50	string	A descriptive text for the adjustment.
					The amount to adjust the order with. VAT should be
Amount	1	false	6,2	decimal	included in this value.
Vat	1	false	6,2	decimal	The VAT rate for this adjustment, in percentage.

3.10.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

3.11 ExtendDueDate

Extends the due date, in accordance to the partner agreement, for the requested invoice. To use this functionality must be agreed upon with Collector.

3.11.1 Parameters

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
Storeld	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in AddInvoice.

3.11.2 Response

	min			_	
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
DueDate	1	false	-	Datetime	The extended Due Date of the invoice.

3.12 SendInvoice

Resends the invoice to the end customer.

3.12.1 Parameters

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
Storeld	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
InvoiceNo	1	false	50	string	The InvoiceNo previously returned in AddInvoice.
					The way to notify the end customer.
					1 = regular post
InvoiceDeliveryMethod	1	false	4	int	2 = e-mail
Email	1	false	260	string	The email address to the end customer.

3.12.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
					The payment identification number. This is the id the
					customer must use when they do a payment of an
PaymentReference	1	true	50	string	invoice. Only returned if the invoice is auto activated.
AvailableReservation					The current available reservation amount. If no credit
Amount	1	true	6,2	decimal	reservation is done, 0 will be returned.
					The lowest amount to pay on the invoice. Only returned
LowestAmountToPay	1	true	6,2	decimal	if the invoice is auto activated.
					The total amount to pay for the invoice. Only returned if
TotalAmount	1	true	6,2	decimal	the invoice is auto activated.
InvoiceNo	1	false		string	The invoice number of the invoice.
					The due date of the invoice. Only returned if the invoice
DueDate	1	true		datetime	is auto activated.
InvoiceUrl	1	true	200	string	The url to invoice in pdf format.

3.13 SetReservation

Creates a new or updates an existing reservation for the requested customer. If no existing reservation is found a credit check is performed, if successful a new reservation with the requested amount is created. If an existing reservation is found and the requested amount is higher a new credit check is/could be performed and if successful the reservation amount will be increased. If an existing reservation is found and the requested amount is lower, the reserved amount will be decreased.

This functionality is only available in the following countries: Sweden, Norway, Finland and Denmark. To use this functionality with reservations must be agreed upon with Collector.

Any purchases/invoice made before a reservation will be calculated into the **AvailableAmount** of reservation.

	min				
Field		nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
					The IP address of the customer performing the purchase
ClientIpAddress	1	false	50	string	at the partner's web shop.
Storeld	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the country
CountryCode	1	false	2	string	which the credit validation should perform.
					The customer civic registration number. In the following
					formats:
					Sweden: yymmddxxxx
					Norway: ddmmyyxxxxx
					Denmark: ddmmyyxxxx
					Finland: ddmmyyxxxx
RegNo	1	false	12	string	No separators should be used, for example: -, .
					The requested amount to reserve. If an existing
					reservation is found that reservations amount will be
ReservedAmount	1	false	6,2	decimal	increased or decreased to the amount you send in.
CustomerAddress	1	false	-	Address	Address of the customer.
CurrencyCode	1	false	3	string	The ISO 4217 code representation for the currency.

3.13.1 Parameters

3.13.2 Response

The response indicates if the customer is approved for the credit amount requested. If the purchase is approved, proceed with the purchase by invoking **AddInvoice**.

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
ReservedAmount	1	true	6,2	decimal	Total amount reserved.
AvailableAmount	1	true	6,2	decimal	Available amount left on the reservation.
ValidUntil	1	true	-	datetime	Date until the reservation is valid, null means indefinite.

3.14 CancelReservation

This operation cancels a previously approved reservation.

3.14.1 Parameters

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request
Password	1	false	50	string	The password used to authorize the request
Storeld	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the
CountryCode	1	false	2	string	country.
					The customer civic registration number.
					Format required:
					Sweden: yymmddxxxx
					Finland: ddmmyyxxxx
					Norway: ddmmyyxxxxx
RegNo	1	false	12	string	Denmark: ddmmyyxxxx

3.14.2 Response

Field	min Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.

3.15 GetReservation

This functionality returns information about a previously made reservation.

3.15.1 Parameters

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
Storeld	1	true	4	short	The Storeld used for identification of store.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country.
					The customer civic registration number.
					Format required:
					Sweden: yymmddxxxx
					Finland: ddmmyyxxxx
					Norway: ddmmyyxxxxx
RegNo	1	false	12	string	Denmark: ddmmyyxxxx

3.15.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
ReservedAmount	1	true	6,2	decimal	Total amount reserved.
AvailableReservation					
Amount	1	true	6,2	decimal	Available amount left on the reservation.
					Returns the status of a customer/reservation, the status
					can be:
					BLOCKED = The customer is now blocked from making
CustomerStatus	1	True	50	string	purchases.
ValidUntil	1	true	-	datetime	Date until the reservation is valid, null means indefinite.

4. INFORMATIONSERVICE

The InformationService is a service used for monitoring customer account statuses, retrieving current invoice information and for viewing account transactions on selected invoices. The usage of this functionality requires an agreement with Collector.

The InformationService uses a separate WSDL URL, found below:

WSDL Url to Production environment: https://ecommerce.collector.se/v3.0/Informationservice.svc?wsdl

WSDL Url to test environment: https://ecommercetest.collector.se/v3.0/informationservice.svc?wsdl

(The information service is also published through a web services description language (WSDL) file.)

4.1 GetAccounts

The operation returns customer account (order) information of a customer based on customer number, integration number or civic registration number. It will return all accounts found on the current customer; approved, rejected, activated, closed etc. See **InvoiceStatus** in "Accounts" found in the "Types" section below for possible values. If no customer or account is found for the given request an exception will be returned.

The account can be identified either by providing the CustomerNo, the IntegrationId or RegNo in the request, but never more than one of them in one request.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the country. Only
CountryCode	1	false	2	string	"SE" allowed.
					If the e-store wants to search for a customer by their own
CustomerNo	1	true	20	string	customer id, this field can be used to specify that number.
IntegrationId	1	true	128	string	The partners ID for identifying a customer.
RegNo	1	true	12	string	The customer civic registration number.
Storeld	1	true	4	short	The StoreId used for identification of store.

4.1.1 Parameters

4.1.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
					A list of the accounts for the customer associated
					with the given request. See "Accounts" under
Accounts	1	false	-	Accounts[]	"Types" below for more information.

4.2 GetAccountTransactions

Retrieves the transactions of the account associated with the invoice number or payment reference given in request. If no account is found for the given request an exception will be returned.

The account can be identified either by providing the InvoiceNo or the PaymentReference in the request, but not both.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
					The country code (ISO 3166-1 alpha-2) for the country. Only
CountryCode	1	false	2	string	"SE" allowed.
					The invoice number.
					Either InvoiceNo or PaymentReference must be set, but not
InvoiceNo	1	true	50	int	both.
					The payment reference.
					Either PaymentReference or InvoiceNo must be set, but not
PaymentReference	1	true	50	string	both.
StoreId	1	true	4	short	The StoreId used for identification of store.

4.2.1 Parameters

4.2.2 Response

	min				
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
					A list of the transactions for the account associated with
					the given request. See "Transaction" under "Types"
Transactions	1	true	50	Transaction[]	below for more information.

4.3 GetCurrentInvoice

Retrieves the current invoice of the account associated with the invoice number or payment reference given in the request. If no account is found for the given request an exception will be returned. If the specified account does not have an invoice created yet, only Currency, PaymentReferenceNo and, if a payment has been moved, MovedToPaymentRef are returned.

The account can be identified either by providing the InvoiceNo or the PaymentReference in the request, but not both.

	min				
Field	Occurs	nillable	Max	Туре	Description
Username	1	false	50	string	The username used to authorize the request.
Password	1	false	50	string	The password used to authorize the request.
CorrelationId	1	true	50	string	CorrelationID is sent back in the response.
CountryCode	1	false	2	string	The country code (ISO 3166-1 alpha-2) for the country. Only "SE" allowed.
InvoiceNo	1	true	50	int	The invoice number. Either InvoiceNo or PaymentReference must be set, but not both.
PaymentReference	1	true	50	string	The payment reference. Either PaymentReference or InvoiceNo must be set, but not both.
Storeld	1	true	4	short	The Storeld used for identification of store.

4.3.1 Parameters

4.3.2 Response

	-				
Field	min Occurre	nillahla		Turne	Description
Field	Occurs	nillable	Max	Туре	Description
CorrelationId	1	true	50	string	CorrelationID from the request if any.
CreditTime	1	true	2	int	The remaining credit time of the invoice.
Currency	1	false	3	string	The invoices currency.
DueDate	1	true	-	DateTime	The date the invoice is due.
InvoiceNo	1	true	50	string	The invoice number of the invoice.
InvoiceURL	1	true	-	string	A URL to a pdf of the invoice.
LowestAmountT	1				
оРау			6,2	decimal	The lowest amount to pay on the invoice.
	1	true			If the invoice has been moved to another account, this is
MovedToPayme					the new accounts payment reference. If the invoice has
ntRef			-	string	not been moved, this returns null.
NotificationDate	1			DateTime	The notification date of the invoice.
	1	true			The type of the invoice, possible values are:
					Part Payment
					Part Payment Reminder
					Invoice
					Invoice Reminder
					Direct Invoice
					Direct Invoice Reminder
					Credit Account Invoice
					Credit Account Invoice Reminder
					Interest Free
NotificationType			_	string	Interest Free Part Payment

					Interest Free Part Payment Reminder
					Annuity
					Annuity Reminder
NumberOfRemi	1	true			
nders			1	int	The number of reminders on the invoice.
OrderNo	1	true	20	string	The invoices order number.
	1	true			The lowest amount to pay to stay on the current
PaymentPlan			6,2	decimal	payment plan.
PaymentReferen	1	false			
ce			50	string	The invoices payment reference.
	1	true			The payment status of the invoice, possible values are:
					In Debt
					Not Paid
					Partially Paid
PaymentStatus			-	string	Fully Paid
TotalAmount	1	true	6,2	decimal	The total amount of the invoice.

4.4 Types

4.4.1 Transaction

Field	nillable	Туре	Description
TransactionType	false	string	The type of the transaction.
TransactionDate	false	string	The date the transaction was made.
ArticleId	true	string	The article id used in the transaction. Null if the transaction doesn't
			have an article.
Description	true	string	A description of the transaction.
UnitPrice	false	decimal	The unit amount used the transaction. This can be the price of an
			article in a purchase transaction or the amount of a fee in a fee
			transaction.
Currency	false	string	The currency used in the transaction. Currency code is a three
			letter combination based on ISO 4217, for example:
			SEK
			DKK
			EUR
Quantity	false	int	The number of items in the transaction.
VatRate	true	decimal	The VAT rate used in this transaction.
MovedToAccount	true	string	If the transaction has been moved to another account this will
			contain the Payment Reference number for that account.
MovedFromAccount	true	string	If the transaction has been moved from another account this will
			contain the Payment Reference number for that account.

4.4.2 Accounts

	min				
Field	Occurs	nillable	Max	Туре	Description
InvoiceBalance	1	false	6,2	decimal	The current balance of the invoice.
	1	false			The current status of the invoice. Possible values are:
					OnHold
					Approved
					Rejected
					Canceled
					Expired
					Activated
					Closed
					Moved
InvoiceStatus			-	string	DebtCollection
	1	false			The invoice type. Possible values are:
					Direct Invoice Account
					Invoice Account
					Part Payment Account
					Credit Account
					Interest Free Account
					Interest Free Part Payment Account
InvoiceType			-	string	Annuity Account
LatestInvoiceNo	1	true	50	string	The invoice number of the invoice.
	1	true			If the invoice has been moved to another account, this is
MovedToPayme					the new accounts payment reference. If the invoice has
ntRef			-	string	not been moved, this returns null.

NotificationStop	1	false			Returns true if the current invoice is stopped for
ped			-	string	notifications. Returns false if it is not stopped.
PaymentReferen	1	true			
ce			50	string	The invoices payment reference.

5. OUTGOING SERVICES

5.1 InvoiceChangeNotification

This request is made to inform Merchant about status change on invoice. When an invoice has Status 0 (on hold) we inform when the invoice is either approved or denied, so that Merchant can handle the invoice properly. The integration will be made with a GET web request, using SSL and Basic Authentication. Merchant using this functionality needs to inform Collector about their url, username and password.

The request will contain the following parameters in querystring: InvoiceNo, OrderNo, InvoiceStatus

6. ERROR CODES

Fault code	Description
ACCOUNT_NOT_FOUND	Thrown when no account is found for the given
	request.
ACTIVATION_OF_INVOICE_DENIED	Activation of an invoice id denied.
ADDRESS_NOT_FOUND	Address can't be found for the specified
	customer.
	Something with the use of the API is against the
	agreement with Collector, please contact
AGREEMENT_RULES_VALIDATION_FAILED	Collector for information.
ARTICLE_NOT_FOUND	An Article can't be found. Both Article Id and
	description specified must be the same that was
	used during AddInvoice. If more than one article
	with the same article id but different unit price is
	added to the invoice, the unit price of the article
	must be specified.
ARTICLE_NOT_FOUND_BASED_ON_UNITPRICE	Can't locate the specified article based on the
	specified unit price. Make sure an article with
	the specified unit price exists.
AUTHORIZATION_FAILED	Could not authorize the request, check your
	login credentials. Please contact Collector for
	more help.
COUNTRYCODE_MISMATCH_WITH_CUSTOMER_ADDRESS	The specified country code for the customer's
	address doesn't match the country code
	specified in the (base) request.
COUNTRYCODE_MISMATCH_WITH_DELIVERY_ADDRESS	The specified country code for the customer's
	delivery address doesn't match the country code specified in the (base) request.
COUNTRYCODE_MISMATCH_WITH_INVOICE_ADDRESS	The specified country code for the customer's
COUNTRICODE_MISMATCH_WITH_INVOICE_ADDRESS	invoice address doesn't match the country code
	specified in the (base) request.
CREDIT_CHECK_DENIED	The credit check is not approved.
	The invoice cannot be credited because the
CREDIT_DATE_OUT_OF_RANGE	credit date is out of range.
DENIED_TO_PURCHASE	When a customer is denied to do purchase, for
	example blocked for purchase based on different
	reasons, please contact Collector for more
	information.
EMAIL_IS_LONGER_THAN_100_CHARACTERS	The email address entered was too long.
EMAIL_IS_MISSING	The delivery method was set to email but the
	Email field was not present in the request.
INVALID_ACTIVATION_OPTION_VALUE	The ActivationOption field was not one of its
	allowed values.
INVALID_CLIENT_IP_ADDRESS	The Client IP Address was in the wrong format.
INVALID_COUNTRYCODE	Can be thrown when you try to request an
	address from another country than the one you
	are registered in.
INVALID_CREDIT_TIME_USAGE	Credit time can't be used for the specific invoice
	type.
INVALID_CURRENCY_CODE	The specified currency can't be used.
	This exception can be thrown if you are

	registered in a country where the specified
	currency is not allowed to be used.
INVALID_DELIVERY_ADDRESS_USAGE	Private customers aren't allowed to have
	different invoice address and deliver address,
	they must be the same.
INVALID_HOUSE_NUMBER	The house number was in the wrong format
	(applies in Netherlands).
INVALID_INVOICE_STATUS	When you try to cancel an pending invoice that
	can't be canceled based on the stage it is in.
INVALID_PRODUCT_CODE	The product code cannot be found or the
	product is inactive.
INVALID_QUANTITY	The quantity of an article is too low or too high
-	compared to the quantity or quantity left on the
	article.
INVALID_REGISTRATION_NUMBER	When the reg.no is not in a correct format.
INVALID_TRANSACTION_AMOUNT	The amount may exceeds the total invoice
	amount, or the number of decimals has more
	than two digits after decimal (Can only have two
	digits after decimal).
INVOICE_DUEDATE_ALREADY_EXTENDED	The due date of the invoice has already been
	extended.
INVOICE_EXCEEDS_AVAILABLE_RESERVATION	The purchase sum of the invoice exceeds the
	available reservation amount.
INVOICE_EXTENDED_DATE_IN_PAST	When you try to extend a due date by specifying
	a date in the past.
INVOICE_INVALID_TYPE	When an invoice may be of wrong type, some
	actions aren't allowed to perform on specific
	invoices, for example:
	You can't extend the due date on an invoice that
	is not of type Direct invoice (delivered in the
	package).
INVOICE_NOT_FOUND	When the specified Invoice number can't be
	found.
	When trying to credit an Invoice the invoice is
	already credited or not activated.
INVOICE_TYPE_IS_NOT_ALLOWED_TO_BE_USED	You aren't allowed to use the specified invoice
	type.
MIXED_CURRENCY	The article's currency doesn't match the
	currency on the invoice.
MOBILE_PHONE_IS_MISSING	The mobile phone is missing, which is needed
	because of the choosen notification type.
NOT_ALLOWED_TO_SEND_NOTIFICATION_BY_EMAIL	You aren't allowed to send the specific invoice
	type by e-mail.
NOT_ALLOWED_TO_SEND_NOTIFICATION_BY_MAIL	You aren't allowed to send the specific invoice
	type by postal mail.
NOT_ALLOWED_TO_SEND_NOTIFICATION_BY_SMS	You aren't allowed to send the specific invoice
	type by SMS.
ORDER_DATE_OUT_OF_RANGE	The invoice cannot be created because the order
	date is out of range.
PURCHASE_AMOUNT_GREATER_THAN_MAX_CREDIT_AM	The total amount of an invoice or reservation
OUNT	can't be greater than your maximum credit limit
	or the maximum credit limit for the country the
	purchase is made in.

RESERVATION NOT ACTIVATED	The Reservation must be activated before use.
PURCHASE_AMOUNT_IS_OUT_OF_RANGE	
PURCHASE NOT FOUND	An invoice can't be found.
RESERVATION NOT APPROVED	Reservation is not approved.
RESERVATION_NOT_FOUND	There was no reservation for the specified
	customer.
TOO_FEW_PARAMETERS	When not enough optional parameters to
	execute request are provided.
TOO_MANY_PARAMETERS	When too many optional parameters to execute
	request are provided.
TOTAL_AMOUNT_MUST_BE_POSITIVE	The amount of an invoice must be positive.
UNHANDLED_EXCEPTION	If an unhandled error occurs, an unhandled
	exception will be thrown. In cases of these errors
	contact Collector for help
UNIQUE_ARTICLE_NOT_FOUND	When article with the same article id is found
	several times but have different unit prices. The
	unit price must be specified also to locate the
	specific article.
	The ActivationOption field was not one of its
VALIDATION_ACTIVATION_OPTION_VALUE	allowed values.
VALIDATION_ADDRESS1_LENGTH	The Address1 field was too long.
VALIDATION_ADDRESS2_LENGTH	The Address2 field was too long.
	The unit price or other kind of amount fields
	could not be parsed. Make sure the amount is a
	decimal value and the number of decimals
	doesn't have more than two digits after decimal
VALIDATION_AMOUNT_PARSING	(Can only have two digits after decimal).
	The Amount field was not within its allowed
VALIDATION_AMOUNT_RANGE	range.
	The Amount field was not present in the request.
VALIDATION_ARTICLE_ID_LENGTH	The ArticleId field was too long.
VALIDATION_ARTICLE_ID_REQUIRED	An article is missing its ArticleId.
VALIDATION ADTICLE LICE DECLUDED	The ArticleList field was not present in the
	request.
VALIDATION_CELL_PHONE_NUMBER_LENGTH	The CellPhoneNumber field was too long.
VALIDATION_CITY_LENGTH	The City field was too long.
	The City field was not present in the request.
VALIDATION_CLIENT_IP_ADDRESS_LENGTH	The ClientIpAddress field was too long.
VALIDATION_CLIENT_IP_ADDRESS_REQUIRED	The ClientIpAddress field was not present in the
	request.
VALIDATION_COADDRESS_LENGTH	The CoAddress field was too long.
VALIDATION_COMPANY_NAME_LENGTH	The CompanyName field was too long. The CostCenter field was too long.
	The CountryCode field was too long.
VALIDATION_COUNTRY_CODE_REQUIRED	The CountryCode field was not present in the request.
	The CreditDate field was not present in the
VALIDATION CREDIT DATE REQUIRED	request.
	Credit time is out of range, can only be between
VALIDATION_CREDIT_TIME_OUT_OF_RANGE	0 and 99.
VALIDATION_CREDIT_TIME_OUT_OF_RANGE	The Currency field was too long.
	The specified currency may not be supported or
	is of an incorrect format (ISO 4217). Currency
VALIDATION_CURRENCY_INVALID	need to be at least three characters long and
	need to be at least timee characters long and

	follow ISO 4217, e.g. SEK, DKK, NOK and EUR etc.
VALIDATION_CURRENCY_REQUIRED	The Curency field was not present in the request.
VALIDATION CUSTOMER NUMBER LENGTH	The CustomerNumber field was too long.
	The DeliveryAddress field was not present in the
VALIDATION DELIVERY ADDRESS REQUIRED	request.
VALIDATION DESCRIPTION LENGTH	The Description field was too long.
VALIDATION EMAIL INVALID	The e-mail address is not a valid e-mail address.
VALIDATION_EMAIL_LENGTH	The Email field was too long. Can only be
	maximum of 256 characters.
VALIDATION ERROR	Input data is not correct.
VALIDATION_FIRST_NAME_LENGTH	The Firstname field was too long.
	The Gender field was not one of its allowed
VALIDATION_GENDER_VALUE	values.
	The InvoiceAddress field was not present in the
VALIDATION_INVOICE_ADDRESS_REQUIRED	request.
	The InvoiceDeliveryMethod field was not one of
VALIDATION_INVOICE_DELIVERY_METHOD_VALUE	its allowed values.
VALIDATION_INVOICE_NUMBER_LENGTH	The InvoiceNo field was too long.
	The InvoiceNo field was not present in the
VALIDATION_INVOICE_NUMBER_REQUIRED	request.
	The InvoiceType field was not one of its allowed
VALIDATION_INVOICE_TYPE_VALUE	values.
VALIDATION_LAST_NAME_LENGTH	The LastName field was too long.
	The OrderDate field was not present in the
VALIDATION_ORDER_DATE_REQUIRED	request.
VALIDATION_ORDER_NUMBER_LENGTH	The OrderNo field was too long.
VALIDATION_PASSWORD_REQUIRED	The Password field was not present in the
	request.
VALIDATION_PHONE_NUMBER_LENGTH	The PhoneNumber field was too long.
VALIDATION_POSTAL_CODE_LENGTH	The PostalCode field was too long.
VALIDATION_POSTAL_CODE_REQUIRED	The PostalCode field was not present in the
	request.
VALIDATION_PRODUCT_CODE_LENGTH	The ProductCode field was too long.
	The PurchaseType field was not within its
VALIDATION_PURCHASE_TYPE_VALUE	allowed range.
VALIDATION OLIANTITY DANIES	The Quantity field was not within its allowed
	range.
VALIDATION_QUANTITY_REQUIRED	An article is missing its Quantity.
VALIDATION_REFERENCE_LENGTH	The Reference field was too long.
	The RegNo field was not present in the request
	The RegNo field was not present in the request.
VALIDATION_RESERVED_AMOUNT_PARSING	The ReservedAmount field could not be parsed. The ReservedAmount field was not within its
VALIDATION RECEIVED AMOUNT RANCE	allowed range.
VALIDATION_RESERVED_AMOUNT_RANGE	The ReservedAmount field was not present in
VALIDATION_RESERVED_AMOUNT_REQUIRED	the request.
VALIDATION_RESERVED_AMOUNT_REQUIRED	The UnitPrice field could not be parsed.
	The UnitPrice field was not within its allowed
VALIDATION_UNIT_PRICE_RANGE	range.
	The Username field was not present in the
VALIDATION_USERNAME_REQUIRED	request.
VALIDATION_VAT_PARSING	The Vat field could not be parsed.
VALIDATION VAT RANGE	The Vat field was not within its allowed range.
VALIDATION VAT REQUIRED	The Vat field was not present in the request.
	the vachela was not present in the request.