

Subscription payments

Recurring payments

The service is intended for initiation payments for continued services by subscription. This possibility is determined by the settings of the acquiring bank processing. For more information, contact the support service support@belassist.by.

The parameter *recurringIndicator* = 1 should be set in initial [authorization request](#) in order to initiate the recurrent payment. Also the parameters of the range of amounts in subsequent recurring payments, payment frequency (in days) and the end date of subscription should be provided.

Then periodically the company will initiate the payment, setting the payment amount only and the rest required payment information (bankcard data) is taken from the original payment.

To make the subsequent recurring payment, send a request to IPS Assist server by HTTP POST in the request body in the key=value format, by SOAP method (in UTF-8 coding), or in JSON format (swagger description: <https://docs.belassist.by/swagger/>).

The request URL for the recurring payment:

Parameter	Mandatory field	Adopted values	Default values	Description
billNumber	Yes	15 or 16 characters		BillNumber of initial order
orderNumber	Yes	128 characters		New order number for this recurrent payment
merchant_Id	Yes	Number		The enterprise identifier in IPS Assist
login	Yes	8-20 characters		Login (Latin letters, digits and symbol _)
password	Yes	8-20 characters		Password (Latin letters and digits)
amount	Yes	Number, 15 digits, two digits after the delimiter (delimiter '.')		Recurring payment amount The value of recurring payment amount should be between the values of the min and max amounts of recurring payments transferred at the primary request for authorization of the initiating payment.
currency	Yes	3 characters		Recurring payment currency The currency of the recurring payment should be equal to the currency of the initiating one, otherwise the order closes with an error.
orderComment	No	4000 characters		Comment
language	No	RU EN	EN	Language of the results output
format	No	1 – CSV 3 – XML 4 – SOAP 5 – JSON	1	Format of the results output. Passed only for a request in POST format (by default, the response will be returned in CSV format). For other formats, the response is returned in the same format in which the request was made.



All request parameters are automatically validated. The validation rules are given in the table "[The validation rules for input parameters](#)".

Request example for HTTP POST format:

```

<FORM ACTION="https://<SERVER-NAME>/recurrent/rp.cfm" METHOD="POST">
<INPUT TYPE="HIDDEN" NAME="billNumber" VALUE="511111100000001.1">
<INPUT TYPE="HIDDEN" NAME="orderNumber" VALUE="A1_R1">
<INPUT TYPE="HIDDEN" NAME="merchant_Id" VALUE="Your Merchant_ID">
<INPUT TYPE="HIDDEN" NAME="login" VALUE="Your login">
<INPUT TYPE="HIDDEN" NAME="password" VALUE="Your password">
<INPUT TYPE="HIDDEN" NAME="amount" VALUE="20">
<INPUT TYPE="HIDDEN" NAME="currency" VALUE="BYN">
<INPUT TYPE="HIDDEN" NAME="format" VALUE="3">
<INPUT TYPE="HIDDEN" NAME="language" VALUE="EN">
<INPUT TYPE="SUBMIT" NAME="submit" VALUE="Buy">
</FORM>

```

The list of response parameters:

Parameter	Value
billnumber	Unique order number in IPS Assist (extended format)
ordernumber	Order number
testmode	Test mode
ordercomment	Comment
orderamount	Original amount of order
ordercurrency	Original currency of order
firstname	Payer's first name
lastname	Payer's last name
middlename	Payer's middle name
Email	Payer's e-mail
orderdate	Date of order (in GMT)
orderstate	Order status
packetdate	Request issue date (in GMT)
signature	The X value without delimiters, signed with IPS Assist private key, encoded in BASE64, where X - <i>billnumber, ordernumber, responsecode, orderamount, ordercurrency, meannumber, approvalcode, orderstate, packetdate</i>
operationtype	Operation type
amount	Operation amount
currency	Operation currency
ipaddress	Payer's IP-address
meantype_id	Type of payment means
meansubtype	Payment means subtype
meannumber	Number of payment means
cardholder	Payment means holder

cardexpirationdate	Card expired date
issuebank	Name of issue bank
bankcountry	Country of issue bank
responsecode	Response code
rate	Currency rate
message	Operation result message
customermessage	Result message for a customer
recommendation	Recommendation
approvalcode	Authorization code
protocolname	Protocol
processingname	Processing

Six first and last four digits of the card number are returned as the field <meannumber> value here and after in all Web services; the remaining figures being hidden under * symbol.

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