GP webpay - WS API

Technical specification – v1

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globalpaymentsinc.com

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1.1	03.02.2017	GPE Application Development	New values in getPaymentDetail method
1.2	19.06.2017	GPE Application Development	New values in createPaymentLink method
1.3	02.05.2018	GPE Application Development	Card on file payment – processTokenPayment
1.4	01.11.2018	GPE Application Development	New methods: resolvePaymentStatus – payment status finalization for Platba24 service processMasterPaymentRevoke – "Master" payment revocation revokePaymentLink – payment link revocation New elements in methods: „processRecurringPayment" – „altTerminalData" „processTokenPayment" – „subMerchantData", „altTerminalData"
1.5	10.02.2019	GPE Application Development	New element "merchantMcAssignedId" + new WSDL
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1.7	24.06.2019	GPE Application Development	Moving method processUsageBasedPayment to proper chapter and update input parameters
1.8	20.07.2019	GPE Application Development	processUsageBasedPayment – new element "returnUrl" processRegularSubscriptionPayment – new element "subscriptionAmount" processPrepaidPayment – new element "subscriptionAmount"
1.9	22.10.2019	GPE Application Development	New return elements – getPaymentDetail: • traceId • authResponseCode • authRRN • paymentAccountReference
1.10	16.6.2020	GPE Application Development	New return code for processCardOnFilePayment method
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1.12	10.8.2020	GPE Application Development	New return elements – getPaymentDetail: • iasId • payPalId New values in Annex no. 4 – List of payment methods New values in Annex no. 5 – Identifiers of the payment service providers;
1.13	24.8.2021	GPE Application Development	New values in createPaymentLink method – **cardHolderData**. Remove unsupported WS methods: • operations with recurring payments

			○ processRecurringPayment ○ processTokenPayment • Operations with MasterPass ○ mpsPreCheckout ○ mpsExpressCheckout
1.14	3.5.2022	GPE Application Development	Specification of the period of applicability of the processAuthorizationReverse method Update Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes New Token status New PRCODE: • 37, 39 New SRCODE: • 1012, 1013
1.15	9.5.2023	GPE Application Development	New method getCardData
1.16	10.8.2023	GPE Application Development	New APM methods in list Annex no. 4 – List of payment methods
1.17	15.10.2023	GPE Application Development	Operation createPaymentLink – removing element the "disabledPayMethods" field – can be covered by using the "payMethods" field. Values: Annex no. 10 – List of values for the "defaultPayMethod" and "payMethods" fields New payment status=14 Extension of the list of supported methods Annex no. 4 – List of payment methods New element "subMerchantData.merchantCountryOfOrigin"
1.18	21.2.2024	GPE Application Development	Update Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes

Content

1. Formula clause

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2. Introduction

Technical specification for developers “GP webpay API WS” aims at e-commerce developers of merchants (hereinafter referred to as the developer), who perform integration of the e-shop with the GP webpay payment gateway using the API WS.

Integration using the API HTTP is described in the technical specification for developers “GP webpay API HTTP”.

Important notice: it is the acquirer, who enables merchant to use individual payment methods and functionalities. Information regarding ordering the GP webpay payment gateway and contacts to all acquirers are available at www.gpwebpay.cz.

3. Process of communication via Web Services

A request sent to the GP webpay payment gateway interface API WS has to comply necessarily with the following conditions:

- The request is created in compliance with the Web Services standard defined by the W3C organization (for details go to www.w3.org).
- The request is sent to the WS server end points according to the used environment:
  1. Client test environment:

     `https://test.3dsecure.gpwebpay.com/pay-ws/v1/PaymentService`
  2. Production environment:

     `https://3dsecure.gpwebpay.com/pay-ws/v1/PaymentService`

Individual request formats are described below. The following table lists a complete list of requests:

Operation	Description
Service operations	
`echo`	Test of the availability of the WS interface
Operations with payments	
`getPaymentStatus`	Determining the status of payment
`getPaymentDetail`	A detailed description of payment
`resolvePaymentStatus`	Operation allows the Merchant to finalize payment status of “ČS – Platba24” payments.
`processAuthorizationReverse`	Performing reverse authorization – canceling of the blocked funds on the cardholder’s account
`processCapture`	Performing withdrawal of blocked funds from the cardholder's account
`processCaptureReverse`	Cancellation of a withdrawal blocked funds – available only till the batch close
`processRefund`	Returning the funds to the cardholder’s

	account
processRefundReverse	Cancellation of returned funds to the cardholder's account – available only till the batch close
processPaymentClose	Closure of payment for all operations
processPaymentDelete	Payment erasing - payment is marked as "deleted", and does not appears within the search function, but it's still available within the tool
Operations with bulk payments	
processBatchClose	Closing the bulk transactions
Operations with recurring payments	
getMasterPaymentStatus	Determining the status of the "master" payment
processMasterPaymentRevoke	Invalidate the "master" payment
processUsageBasedSubscriptionPayment	The establishment of a new recurring payment based on the "master" payment
processRegularSubscriptionPayment	The establishment of a new recurring payment based on the "master" payment
processPrepaidPayment	The establishment of a new recurring payment based on the "master" payment
Operations with PUSH payments	
createPaymentLink	Create a payment link
revokePaymentLink	Invalidate payment link
getPaymentLinkStatus	
Operations with tokenized payment data	
getTokenStatus	Operation `getTokenStatus` used to determine the tokenized data status – whether it is possible to perform a subsequent token payment.
processTokenRevoke	Operation `getTokenRevoke` used to revoke token validity. No more token payments are allowed for revoked token.
processCardOnFilePayment	Operation allows the Merchant to set up a subsequent token payment for already registered payment data.
processUsageBasedPayment	Operation allows the Merchant to set up a subsequent recurring payment for already established master payment.

Technical description of the WS is given in WSDL files (Annex no. 8) and underlay generating client application.

Important notice: Examples given in this document are only of a demonstrative character, it is not possible to simply change the values and to send these requests to the server. With regard to the

used technology (WS), the resulting request is prepared by the WS framework in the background and then it is sent for processing. Similarly, the response is received and transmitted to the application on the client's side. There is no guarantee that responses will have the same structure as those showed in the given examples.

4. List of Web Services (WS)

4.1 Service operations

4.1.1 echo

Operation `echo` is used to check the availability of the WS interface. The Merchant can easily detect downtime / outage services of the GPE and temporarily reduce transactions by payment cards within the system.

This method is used to detect availability of the service. If it is found out that Merchant is using other methods to do so, the Merchant is exposes to the risk of limiting access to WS interface.

4.1.1.1 Format of the request

The operation has not any input or output parameters.

4.1.1.2 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:echo/>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:echoResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1"/>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2 Operations with payments

4.2.1 getPaymentStatus

Operation `getPaymentStatus` is used to determine the status of the payment process without undue details of payment. Primarily is used to verify the payment status in case of an error / non-response during payment processing.

The method is not used to detect the availability of the WS interface, it is necessary to use `echo` method. If it is found out that Merchant is using other method than `echo` method, the Merchant is exposes to the risk of limiting access to WS interface.

4.2.1.1 Format of the request

Request	**`paymentStatusRequest`**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.1.2 Format of the response

Response	paymentStatusResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request..
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field "status" and "subStatus"
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.1.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getPaymentStatus>
         <v1:paymentStatusRequest>
             <type:messageId>20160108093627701</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1452093247193</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …type:signature>
        </v1:paymentStatusRequest>
      </v1:getPaymentStatus>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:getPaymentStatusResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:paymentStatusResponse>
            <ns3:messageId>20160108093627701</ns3:messageId>
            <ns3:state>8</ns3:state>
            <ns3:status>CAPTURED</ns3:status>
            <ns3:subStatus>SENT_TO_SETTLEMENT</ns3:subStatus>
            <ns3:signature>Sp5h4mfHwzhntkl2mB0EVF1y0HN0WRY8a2f …</ns3:signature>
         </ns4:paymentStatusResponse>
      </ns4:getPaymentStatusResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.2 getPaymentDetail

Operation `getPaymentDetail` is used to obtain payment details, payment card number and various other information about the cardholder, and particular information obtained from the registered data within the electronic wallets.

The details defined in the separate fields are sent within the “simpleValueHolder” field.

The method is not used to detect the availability of the WS interface, it is necessary to use `echo` method. If it is found out that Merchant is using other method than `echo` method, the Merchant is exposes to the risk of limiting access to WS interface.

4.2.2.1 Format of the request

Request	`paymentDetailRequest`

Parameter	Type	Length	Mandatory	Description
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.2.2 Format of the response

Response	paymentDetailResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request..
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
paymentMethod	character			The type of payment method. see Annex no. 4 – List of payment methods
panMasked	character	19	no	Masked card number – the first 6 and last 4 numbers
brandName	numerical		no	Name of the card association: MC, VISA, AMEX, DINERS
paymentAmount	numerical		no	Transaction amount
approveAmount	numerical		no	Authorized amount
captureAmount	numerical		no	Deducted amount
refundAmount	numerical		no	Returned / refunded amount
approveCode	character		no	Authorization code
paymentTime	character		no	Time of payment – format: YYYY-MM-DD HH:MI:SS Example: 2015-12-21 08:40:12
approveTime	character		no	Time of the authorization – format: YYYY-MM-DD HH:MI:SS
lastCaptureTime	character		no	Last time of deducted amount – format: YYYY-MM-DD HH:MI:SS
additionalInfoResponse			no	Additional information
walletDetails	character		yes	Identifier of the electronic wallet
contact			yes	Information about the cardholder
firstName	character		yes	Name
lastName	character		yes	Last name
country	character		no	Country

phone	character		no	Telephone number
email	character		no	E-mail
billingDetails			no	Billing address
name	character	255	no	Name
address1	character	255	yes	Street – first lane
address2	character	255	no	Street – second lane
address3	character	255	no	Street – third lane
city	character	255	no	City/Town
postalCode	character	255	no	Postal code
country	character	255	no	Country
countrySubdivision	character	255	no	Region
phone	character	20	no	Telephone number
email	character	255	no	E-mail
shippingDetails			no	composite type - Delivery address
name	character	255	yes	Name
address1	character	255	yes	Street – first lane
address2	character	255	no	Street – second lane
address3	character	255	no	Street – third lane
city	character	255	yes	City/Town
postalCode	character	255	yes	Postal code
country	character	255	yes	Country
countrySubdivision	character	255	no	Region
phone	character	20	no	Telephone number
email	character	255	no	E-mail
cardsDetails			no	Information about registered payment cards
cardDetail			yes	Information obtained from the electronic wallet, or according to the used card
brandId	character	255	no	ID of the card association within the electronic wallet
brandName	character	255	yes	Name of the card association
cardHolderName	character	255	no	The name of the cardholder
expiryMonth	numerical	2	no	Payment card expiration – month
expiryYear	numerical	4	no	Payment card expiration – year
cardId	character	255	no	ID of payment card within electronic wallet
lastFour	character	4	yes	Last 4 digits of payment card number
cardAlias	character	255	no	The name of payment card within the electronic wallet
loyaltyProgramDetails			no	Information obtained from the electronic wallet – loyalty program
programNumber	character	255	no	Program number
programId	character	255	no	ID of the program
programName	character	255	yes	Name of the program
programExpiryMonth	numerical	2	no	Loyalty program expiration – month
programExpiryYear	numerical	4	no	Loyalty program expiration – year
simpleValueHolder			no	Information which has not defined by separate elements
name	character		yes	Name of the item
value	character		yes	Value of the item
panToken	character	64	no	Unique identifier of the payment card calculated by the GP webpay

				system
panPattern	character		no	Masked number of the payment card used in the 6{***}4 format
panExpiry	character	4	no	Expiry date of the used payment card in the YYMM format
acsResult	character	1	no	Authentication result of the cardholder in the 3D system Possible values: • N = an attempt for authentication has not been made – some card associations do not support 3D authentication • A = an attempt for authentication has been made, however the card does not participate in the 3D system or the bank does not support the system • F = the cardholder is fully authenticated • D = the card has not been authenticated successfully (declined) – wrong authentication data • E = technical problem with cardholder's authentication
dayToCapture	character	19	no	The date on which payment can be made (for orders based on DEPOSITFLAG=0) – format: YYYY-MM-DD HH:MI:SS e.g.: 2015-12-21 08:40:12
traceId	character	1-15	no	The "TraceID" value assigned by the card association
authResponseCode	character	1-2	no	The "Authorization return code" – a detailed indication of the authorization result. (the field must be approved by the provider)
authRRN	character	1-12	no	The Retrieval Reference Number data element contains a number assigned by the message GP webpay to uniquely identify a transaction. This number remains unchanged for all messages throughout the life of a transaction. (the field must be approved by the provider)
paymentAccountReference	character	1-29	no	The Payment Account Reference – unique value for the bank account of the cardholder (can be the same for more than one payment card).
iasId	character	28	no	The payment ID generated by the GP webpay system, used to identify the payment in the online notification component (GPE Integration Advice Switch) The field is automatically present in the response if the merchant is set to use IAS notification.
payPalId	character	1-255	no	The ID generated by PayPal is used to identify the payment in the PayPal system. The field is automatically present in the response if the PayPal payment method is used.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.2.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getPaymentDetail>
         <v1:paymentDetailRequest>
            <type:messageId>20160106162728649</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1452093247193</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:paymentDetailRequest>
      </v1:getPaymentDetail>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:getPaymentDetailResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:paymentDetailResponse>
            <ns3:messageId>20160106162728649</ns3:messageId>
            <ns3:state>7</ns3:state>
            <ns3:status>CAPTURED</ns3:status>
            <ns3:subStatus>PENDING_CAPTURE_SETTLEMENT</ns3:subStatus>
            <ns3:paymentMethod>MPD</ns3:paymentMethod>
            <ns3:panMasked>371449*****8431</ns3:panMasked>
            <ns3:brandName>AMEX</ns3:brandName>
            <ns3:paymentAmount>10000</ns3:paymentAmount>
            <ns3:approveAmount>10000</ns3:approveAmount>
            <ns3:captureAmount>10000</ns3:captureAmount>
            <ns3:refundAmount>0</ns3:refundAmount>
            <ns3:approveCode>QAJ96G</ns3:approveCode>
            <ns3:paymentTime>2016-01-06 16:14:10</ns3:paymentTime>
            <ns3:approveTime>2016-01-06 16:14:58</ns3:approveTime>
            <ns3:lastCaptureTime>2016-01-06 16:14:58</ns3:lastCaptureTime>
            <ns3:additionalInfoResponse version="4.0">
               <ns5:walletDetails>MPS</ns5:walletDetails>
               <ns5:cardsDetails>
                  <ns5:cardDetail>
                     <ns5:brandId>amex</ns5:brandId>
                     <ns5:brandName>AMEX</ns5:brandName>
                     <ns5:cardHolderName>Jorge Don</ns5:cardHolderName>
                     <ns5:expiryMonth>4</ns5:expiryMonth>
                     <ns5:expiryYear>2022</ns5:expiryYear>
                     <ns5:lastFour>8431</ns5:lastFour>
                  </ns5:cardDetail>
               </ns5:cardsDetails>
```

```
            </ns3:additionalInfoResponse>
            <ns3:panToken>619E43A1590A350639083116AB7AEF45C…3D871</ns3:panToken>
            <ns3:panPattern>371449*****8431</ns3:panPattern>
            <ns3:panExpiry>2204</ns3:panExpiry>
            <ns3:acsResult>A</ns3:acsResult>
            <ns3:signature>XvWlg8eO+DyUaHRC+ktqAk8+ …</ns3:signature>
         </ns4:paymentDetailResponse>
      </ns4:getPaymentDetailResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.3 resolvePaymentStatus

Operation `resolvePaymentStatus` allows the Merchant to finalize payment status of "ČS – Platba24" payments. **Status change is irreversible.**

4.2.3.1 Format of the request

Request	**resolvePaymentStatusRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+" character „/" character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
paymentStatus	character		yes	The final payment status. Supported values: SUCCESS – the payment was unsuccessful, e.g. money are in the account FAIL – the payment was unsuccessful
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.3.2 Format of the response

Response	**resolvePaymentStatusResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request..
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status" and „subStatus"
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status" and „subStatus"
subStatus	character		no	Detailed clarification of the payment status.

				see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.3.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:resolvePaymentStatus>
         <v1:resolvePaymentStatusRequest>
            <type:messageId>20181108105459962</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1449155676896</type:paymentNumber>
            <type:paymentStatus>SUCCESS</type:paymentStatus>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
        </v1:resolvePaymentStatusRequest>
      </v1:resolvePaymentStatus>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:resolvePaymentStatusResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:paymentStatusResponse>
            <ns3:messageId>20181108105459962</ns3:messageId>
            <ns3:state>9</ns3:state>
            <ns3:status>CAPTURED</ns3:status>
            <ns3:subStatus>SENT_TO_SETTLEMENT</ns3:subStatus>
            <ns3:signature>tsHHfpyi3hxKiVpLBY1jzlcCbRx8gW6LxBijtlmK3p+ …</ns3:signature>
         </ns4:paymentStatusResponse>
      </ns4:resolvePaymentStatusResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.4 processAuthorizationReverse

Operation `processAuthorizationReverse` allows the Merchant to cancel / withdraw the blocking amount on the cardholder’s account.

The functionality is limited in time only to **the current day** on which the authorization operation was performed and there is no guarantee that the card’s issuing bank supports that type of operation.

4.2.4.1 Format of the request

Request	authorizationReverseRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.4.2 Format of the response

Response	authorizationReverseResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request..
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.4.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processAuthorizationReverse>
         <v1:authorizationReverseRequest>
            <type:messageId>20160108124719317</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1449155676896</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
        </v1:authorizationReverseRequest>
      </v1:processAuthorizationReverse>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processAuthorizationReverseResponse xmlns:ns4="http://gpe.cz/pay/pay-
ws/proc/v1" xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:authorizationReverseResponse>
            <ns3:messageId>20160108124719317</ns3:messageId>
            <ns3:state>5</ns3:state>
            <ns3:status>REVERSED</ns3:status>
            <ns3:subStatus>REVERSED_BY_MERCHANT</ns3:subStatus>
            <ns3:signature>tsHHfpyi3hxKiVpLBY1jzlcCbRx8gW6LxBijtlmK3p+ …</ns3:signature>
         </ns4:authorizationReverseResponse>
      </ns4:processAuthorizationReverseResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.5 processCapture

In case of the immediate withdrawal of the amount from the cardholder's account is not set during payment creation (DEPOSITFLAG=0 – HTTP API / captureFlag=0 – WS API) it is necessary to ensure this by calling service `processCapture`. The service ensure the creation of a payment request with a relevant required amount to be paid, it is also possible to create a full scale payment request or partial payment request.

The functionality is limited to **7 days** from the date of payment authorization then the payment order is flipped into the state "AUTO_CANCELED" by the tool.

Every bank defines within the contract the maximum time which is required to carry out the settlement of the payment transactions.

4.2.5.1 Format of the request

Request	captureRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
amount	numerical	15	yes	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.5.2 Format of the response

Response	captureResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request..
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.5.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processCapture>
         <v1:captureRequest>
           <type:messageId>2016010812515859 3</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1449147521165</type:paymentNumber>
             <type:amount>10</type:amount>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:captureRequest>
      </v1:processCapture>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processCaptureResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:captureResponse>
            <ns3:messageId>2016010812515859 3</ns3:messageId>
            <ns3:state>7</ns3:state>
            <ns3:status>PARTIAL_PAYMENT</ns3:status>
            <ns3:subStatus>PENDING_CAPTURE_SETTLEMENT</ns3:subStatus>
            <ns3:signature>sAs2Oj8bYVpBQ9N+7MawjhDHBTNbtVI+ …</ns3:signature>
         </ns4:captureResponse>
      </ns4:processCaptureResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processCaptureResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:captureResponse>
            <ns3:messageId>2016010812515859 3</ns3:messageId>
            <ns3:state>7</ns3:state>
            <ns3:status>CAPTURED</ns3:status>
            <ns3:subStatus>PENDING_CAPTURE_SETTLEMENT</ns3:subStatus>
            <ns3:signature>dUTno6vieBDler2XPtBK2pb/NO27m …</ns3:signature>
         </ns4:captureResponse>
      </ns4:processCaptureResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.6 processCaptureReverse

Operation `processCaptureReverse` is about to ensure the abolition of the request for settlement of the payment transaction.

The functionality is limited to the period before batch closure of all payment transactions. The batch closure is automatic withdrawal of cardholder's funds which were authorized – operation `processCapture` (the batch closing is automatic process on the daily basis – approximately at 22.00 every day).

4.2.6.1 Format of the request

Request	**captureReverseRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+" character „/" character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
captureNumber	numerical	10	yes	Clearing order.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.6.2 Format of the response

Response	**captureReverseResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request..
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status" and „subStatus"
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status" and „subStatus"
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status" and „subStatus"
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.6.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processCaptureReverse>
         <v1:captureReverseRequest>
           <type:messageId>2016010812581373 5</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1449141734147</type:paymentNumber>
             <type:captureNumber>1</type:captureNumber>
             <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
        </v1:captureReverseRequest>
      </v1:processCaptureReverse>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processCaptureReverseResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:captureReverseResponse>
            <ns3:messageId>2016010812581373 5</ns3:messageId>
            <ns3:state>4</ns3:state>
            <ns3:status>PENDING_CAPTURE</ns3:status>
            <ns3:subStatus>PENDING_CAPTURE</ns3:subStatus>
            <ns3:signature>HFV7pZn/H/crdNhVkazifaBMKcL7Q2IsTTlLEb/ …</ns3:signature>
         </ns4:captureReverseResponse>
      </ns4:processCaptureReverseResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.7 processRefund

Operation `processRefund` allows the Merchant to make a refund. It is possible to make a full scale or partial refund and also the Merchant has the ability to make more of these returns – up to full amount of the transaction.

The functionality of this operation is limited to a period of **6/13 months** (each bank has defined this interval differently – see Annex no. 6 –Number of months before the automatic payment closure). The functionality is limited from the date of payment authorization then the payment order is flipped into the state "AUTOMATICALLY_CLOSED" by the tool.

4.2.7.1 Format of the request

Request	refundRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
amount	numerical	15	yes	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.7.2 Format of the response

Response	refundRequestResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.7.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processRefund>
         <v1:refundRequest>
           <type:messageId>20160108130136656</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1452093247193</type:paymentNumber>
             <type:amount>500</type:amount>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:refundRequest>
      </v1:processRefund>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processRefundResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:refundRequestResponse>
            <ns3:messageId>20160108130136656</ns3:messageId>
            <ns3:state>11</ns3:state>
            <ns3:status>PARTIAL_PAYMENT</ns3:status>
            <ns3:subStatus>PENDING_REFUND_SETTLEMENT</ns3:subStatus>
            <ns3:signature>HQZVFgLaYBqWLAUYBBUzq6qjCO+slb+ …</ns3:signature>
         </ns4:refundRequestResponse>
      </ns4:processRefundResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.8 processRefundReverse

Operation `processRefundReverse` allows the Merchant to cancel a refund. The functionality is limited to the period before batch closure of all payment transactions. The batch closure is automatic process on the daily basis – approximately at 22.00 every day).

4.2.8.1 Format of the request

Request	**refundReverseRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„.

				This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
refundNumber	numerical	10	yes	Clearing order.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.8.2 Format of the response

Response	**refundReverseResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.8.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processRefundReverse>
         <v1:refundReverseRequest>
           <type:messageId>20160108130612488</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1452092658186</type:paymentNumber>
            <type:refundNumber>1</type:refundNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:refundReverseRequest>
      </v1:processRefundReverse>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processRefundReverseResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:refundReverseResponse>
            <ns3:messageId>20160108130612488</ns3:messageId>
            <ns3:state>8</ns3:state>
            <ns3:status>CAPTURED</ns3:status>
            <ns3:subStatus>SENT_TO_SETTLEMENT</ns3:subStatus>
            <ns3:signature>taa03/7SKZ6Ib3HuXKeqOSEGHfh5fs9x9D5WvK+ …</ns3:signature>
         </ns4:refundReverseResponse>
      </ns4:processRefundReverseResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.9 processPaymentClose

If there is no need to work with payment anymore – e.g. to perform a return and etc., it is possible to conclude payment transaction through the command `processPaymentClose`. Another possible operation is to delete the payment (`processPaymentDelete`).

4.2.9.1 Format of the request

Request	**paymentCloseRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation>

				If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.9.2 Format of the response

Response	**`paymentCloseResponse`**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.9.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processPaymentClose>
         <v1:paymentCloseRequest>
             <type:messageId>20160111150744216</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>145251133735</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:paymentCloseRequest>
      </v1:processPaymentClose>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processPaymentCloseResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:paymentCloseResponse>
            <ns3:messageId>20160111150744216</ns3:messageId>
            <ns3:state>9</ns3:state>
            <ns3:status>CAPTURED</ns3:status>
            <ns3:subStatus>SENT_TO_SETTLEMENT</ns3:subStatus>
            <ns3:signature>uFWblgOzClAtANOYpfxqRpfEIXs1nr42F29GZZU+ …</ns3:signature>
         </ns4:paymentCloseResponse>
      </ns4:processPaymentCloseResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.2.10 processPaymentDelete

If there is no need to work with payment anymore – e.g. abandoned payments, closed payments, these payments can be removed through the command `processPaymentDelete` (payments will remain registered within the tool till the automatic deletion after 18 months from the date of payment creation). Payments are not displayed in the list of payments within the GUI, but could be displayed through the filter settings – set the filter options to display deleted payments.

4.2.10.1 Format of the request

Request	**paymentDeleteRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“

		256		character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.10.2 Format of the response

Response	**paymentDeleteResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
state	numerical		yes	The numerical value of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
status	character		no	Letter abbreviation of the main payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
subStatus	character		no	Detailed clarification of the payment status. see Annex no. 3 – The list of statuses and sub-statuses - field „status“ and „subStatus“
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.2.10.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processPaymentDelete>
         <v1:paymentDeleteRequest>
            <type:messageId>20160111150939625</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>145251133735</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:paymentDeleteRequest>
      </v1:processPaymentDelete>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processPaymentDeleteResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:paymentDeleteResponse>
            <ns3:messageId>20160111150939625</ns3:messageId>
            <ns3:state>10</ns3:state>
            <ns3:status>CAPTURED</ns3:status>
            <ns3:subStatus>SENT_TO_SETTLEMENT</ns3:subStatus>
            <ns3:signature>i4Kk23VH7ydnW8J8yyj8+DAUwEqXgvh7HFog+ …</ns3:signature>
         </ns4:paymentDeleteResponse>
      </ns4:processPaymentDeleteResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.3 Operations with bulk payments

4.3.1 processBatchClose

Operation `processBatchClose` allows the Merchant to close open bulk transactions. The Merchant allowed to have opened only one bulk type of transactions at once. Batch closure lockout these payment operations: capture and refund for reversal transactions. All transactions will be shifted to the output of processing stage of the acquiring Bank.

4.3.1.1 Format of the request

Request	**batchClose**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.3.1.2 Format of the response

Response	**batchCloseResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.3.1.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processBatchClose>
         <v1:batchClose>
            <type:messageId>20160111151149738</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:batchClose>
      </v1:processBatchClose>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processBatchCloseResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:batchCloseResponse>
            <ns3:messageId>20160111151149738</ns3:messageId>
            <ns3:signature>q4tnHSK8ylfe/ …</ns3:signature>
         </ns4:batchCloseResponse>
      </ns4:processBatchCloseResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.4 Operations with recurring payments

4.4.1 getMasterPaymentStatus

Operation `getMasterPaymentStatus` used to determine the registration status of the "master" payment – whether it is possible to perform a subsequent recurring payment.

4.4.1.1 Format of the request

Request	masterPaymentStatusRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.1.2 Format of the response

Response	masterPaymentStatusResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
status	character		no	Letter abbreviation of the main payment status. see Master recurring payment
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.1.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getMasterPaymentStatus>
         <v1:masterPaymentStatusRequest>
            <type:messageId>20160111152219818</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>145252187175</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:masterPaymentStatusRequest>
      </v1:getMasterPaymentStatus>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:getMasterPaymentStatusResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:masterPaymentStatusResponse>
            <ns3:messageId>20160111152219818</ns3:messageId>
            <ns3:status>PS</ns3:status>
            <ns3:signature>BQe8mHc21q7CFm7p2 …</ns3:signature>
         </ns4:masterPaymentStatusResponse>
      </ns4:getMasterPaymentStatusResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.4.2 processMasterPaymentRevoke

Operation `processMasterPaymentRevoke` allows the Merchant to cancel the "master" payment. The subsequent recurring payment will not be possible.

4.4.2.1 Format of the request

Request	**processMasterPaymentRevokeRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.

paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
messageId	character	16-256	yes	Field content from the Request.

4.4.2.2 Format of the response

Response	**processMasterPaymentRevokeResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
status	character		no	Letter abbreviation of the main payment status. see Master recurring payment
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.2.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processMasterPaymentRevoke>
         <v1:masterPaymentStatusRequest>
            <type:messageId>20181108120213983</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>154167468398</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:masterPaymentStatusRequest>
      </v1:processMasterPaymentRevoke>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processMasterPaymentRevokeResponse xmlns:ns4="http://gpe.cz/pay/pay-
ws/proc/v1" xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:masterPaymentStatusResponse>
            <ns3:messageId>20181108120213983</ns3:messageId>
            <ns3:status>CM</ns3:status>
            <ns3:signature>BQe8mHc21q7CFm7p2 …</ns3:signature>
         </ns4:masterPaymentStatusResponse>
      </ns4:processMasterPaymentRevokeResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.4.3 processUsageBasedSubscriptionPayment (transaction type: recurring)

Operation `processUsageBasedSubscriptionPayment` allows the Merchant to set up a subsequent recurring payment for already established master payment (for establishment of master payment, please see the document “GP_webpay_HTTP_API_vx.x_CZ/EN” – chapter „Recurring payment“).

Calling this method should precede to determine the condition of the master payment - see `getMasterPaymentStatus`.

Payment initiated by the merchant of these parameters:

- fixed date
- variable amount

Used exemption “Merchant initiated transaction (MIT)”.

According to the regulations of the card schemes, it is obligatory to send data about the customer with each payment. For a list of fields, see Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes.

4.4.3.1 Format of the request

Request	usageBasedSubscriptionPaymentRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
masterPaymentNumber	numerical	15	yes	Master payment registered number.
orderNumber	numerical	30	no	Payment order number – variable symbol In case that the value is not specified the used value will be *paymentNumber* The value appears on the bank statement. Each bank has its solution or the limit – see see Annex no. 7 – Maximal length of orderNumber field
referenceNumber	character	20	no	Internal ID at the merchant’s Supported ASCII characters: x20(space), x23(#), x24($), x2A-x3B(*+,-./0-9), x3D(=), x40-x5A(@A-Z), x5E(^), x5F(_), x61-x7A(a-z)
amount	numerical	15	no	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents If the amount is not specified the value will be used from the master payment.
currencyCode	numerical	3	no/yes	Currency identifier according to the ISO 4217. **Multicurrency (using of a different currencies)** depends on the support of individual banks. **Mandatory field if the amount is set.**
captureFlag	numerical	1	yes	Indicates whether the payment order has to be paid automatically. Allowed values: 0 = immediate payment is not required 1 = immediate payment is required
subMerchantData			no	A composite type - Information about merchant’s realizing transactions through a payment aggregator (payment facilitator model)
merchantId	character	15	yes	A number assigned to each merchant
merchantType	character	4	yes	Merchant’s MCC code
merchantName	character	22	yes	Merchant name

				The final name of the merchant is a composite name aggregator and merchant. Format: [3 or 7 or 12 characters – registered in GP webpay] * [name of the merchant] – total length max. 22 characters. E.g..: „GPE*Test merchant“ ASCII x20-x7E
merchantStreet	character	25	yes	Street ASCII x20-x7E
merchantCity	character	13	yes	City ASCII x20-x7E
merchantPostalCode	character	10	yes	Postal code / ZIP – 5 figures-no gaps (for the Czech Republic, Slovakia), otherwise no limits in WSDL pattern
merchantState	character	3	no	State – in the Czech Republic and Slovakia irrelevant, not necessary to fill in
merchantCountry	character	2	yes	Country code – ISO 3166-1 Alpha-2 – e.g. CZ, SK, HU
merchantWeb	character	25	yes	Merchant’s web page URL – e.g. “www.merchant.com” ASCII x20-x7E
merchantServiceNumber	character	13	yes	Merchant’s phone number – customer support
merchantMcAssignedId	character	15	no	Mastercard Assigned ID allocated to public institutions Values: small/big letters, numbers
merchantCountryOfOrigin	numerical	3	no	Country code – ISO 3166-1 numeric MC mandates "Country of Origin" for **government owned merchants**. For **government owned merchants**, this value must always be filled in, even if the country of the merchant is the same as the country of the owner. MC checks these MCCs (Edit 24/34): 9211 (Court costs including alimony and child support) 9222 (Fines) 9311 (Tax payments) 9399 (Government services - not elsewhere classified) 9402 (Postal services - government only) 9405 (Intra-government purchases-government only) 9406 (Government-owned lottery [Global, excluding US region]) E.g.: ***Czech Post*** – Czech Republic owned merchant – MCC 9402 (Postal services - government only): 203 - Czech Republic ***Australian Embassy*** – Australia owned merchant - MCC 9399 (Government services - not elsewhere classified): 036 - Australia The flagging is not limited to the above MCCs, but applies to **all government owned merchants** – e.g.: ***Czech Railways*** – Czech Republic owned merchant – MCC 4789 (TRANSPORTATION SERVICES): 203 - Czech Republic
cardHolderData			no	Composite type
cardholderDetails			no	Composite type
name	character	2-45	yes	Card holder’s name – name and surname, UTF-8

				encoding
loginId	character	255	no	LoginID into e-shop
loginType	numerical	2	no	Mechanism used by the Cardholder to authenticate to the e-shop. Values: • 01 = No merchant authentication occurred (i.e. cardholder “logged in” as guest) • 02 = Login to the cardholder account at the merchant system using merchant’s own credentials • 03 = Login to the cardholder account at the merchant system using federated ID • 04 = Login to the cardholder account at the merchant system using issuer credentials • 05 = Login to the cardholder account at the merchant system using third-party authentication • 06 = Login to the cardholder account at the merchant system using FIDO Authenticator • 07–79 = Reserved for EMVCo future use (values invalid until defined by EMVCo) • 80–99 = Reserved for DS use
loginTime	numerical	12	no	Date and time in UTC of the cardholder authentication. Format: YYYYMMDDHHMM
userAccountId	character	64	no	User account ID in the e-shop system
userAccountCreatedDate	numerical	8	no	Date that the cardholder opened the account with the merchant. Format: YYYYMMDD
userAccountAge	numerical	2	no	Length of time that the cardholder has had the account with the merchant. Values: • 01 = No account (guest check-out) • 02 = Created during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
userAccountLastChangeDate	numerical	8	no	Date that the cardholder’s account with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Format: YYYYMMDD
userAccountLastChangeAge	numerical	2	no	Length of time since the cardholder’s account information with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Values: • 01 = Changed during this transaction • 02 = Less than 30 days • 03 = 30−60 days • 04 = More than 60 days
userAccountPasswordChangeDate	numerical	8	no	Date that cardholder’s account with the merchant had a password change or account reset. Format: YYYYMMDD
userAccountPasswordChangeAge	numerical	2	no	Indicates the length of time since the cardholder’s account with the merchant had a password change or account reset. Values: • 01 = No change • 02 = Changed during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days

socialNetworkId	character	255	no	LoginID into e-shop if used login via social network (Facebook, Google ...)
email	character	255	yes	Card holder's e-mail
phoneCountry	character	3	no	Phone country code (format 3 digits - 420)
phone	character	15	no	Card holder's phone number – digits only
mobilePhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
mobilePhone	character	15	no	Card holder's phone number – digits only
workPhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
workPhone	character	15	no	Card holder's phone number – digits only
clientIpAddress	character	255	no	Card holder's e-mail IP address
addressMatch	character	1	no	Indicates whether the Cardholder Shipping Address and Cardholder Billing Address are the same. Values: • Y = Shipping Address matches Billing Address • N = Shipping Address does not match Billing Address
billingDetails			no	Composite type – billing address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	6-255	no	E-mail
shippingDetails			no	Composite type – shipping address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	255	no	E-mail
method	character	6-255	no	Delivery method personal pick-up, courier, electronic delivery …
paymentInfo			no	Additional info about payment
transactionType	numerical	2	no	Identifies the type of transaction being authenticated. Values: • 01 = Goods/ Service Purchase • 03 = Check Acceptance

				• 10 = Account Funding • 11 = Quasi-Cash Transaction • 28 = Prepaid Activation and Load
shippingIndicator	numerical	2	no	Indicates shipping method chosen for the transaction. Merchants must choose the Shipping Indicator code that most accurately describes the cardholder's specific transaction, not their general business. If one or more items are included in the sale, use the Shipping Indicator code for the physical goods, or if all digital goods, use the Shipping Indicator code that describes the most expensive item. Values: • 01 = Ship to cardholder's billing address • 02 = Ship to another verified address on file with merchant • 03 = Ship to address that is different than the cardholder's billing address • 04 = "Ship to Store" / Pick-up at local store (Store address shall be populated in shipping address fields) • 05 = Digital goods (includes online services, electronic gift cards and redemption codes) • 06 = Travel and Event tickets, not shipped • 07 = Other (for example, Gaming, digital services not shipped, emedia subscriptions, etc.)
preOrderPurchaseInd	numerical	2	no	Indicates whether Cardholder is placing an order for merchandise with a future availability or release date. Values: • 01 = Merchandise available • 02 = Future availability
preOrderDate	numerical	2	no	For a pre-ordered purchase, the expected date that the merchandise will be available. format: YYYYMMDD
reorderItemsInd	numerical	2	no	Indicates whether the cardholder is reordering previously purchased merchandise. Values: • 01 = First time ordered • 02 = Reordered
deliveryTimeframe	numerical	2	no	Indicates the merchandise delivery timeframe. • 01 = Electronic Delivery • 02 = Same day shipping • 03 = Overnight shipping • 04 = Two-day or more shipping
deliveryEmailAddress	character	6-255	no	For Electronic delivery, the email address to which the merchandise was delivered.
giftCardCount	numerical	2	no	For prepaid or gift card purchase, total count of individual prepaid or gift cards/codes purchased (1-99).
giftCardAmount	numerical	15	no	For prepaid or gift card purchase, the purchase amount total of prepaid or gift card(s) in major units (for example, USD 123.45 is 123).
giftCardCurrency	numerical	3	no	Currency code ISO 4217 currency codes
recurringExpiry	numerical	8	no	Date after which no further authorizations shall be performed. format: YYYYMMDD
recurringFrequency	numerical	4	no	Indicates the minimum number of days between authorizations.
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for

				airtickets - destination)
shoppingCartInfo			no	Element containing information about the basket
taxAmount	numerical	12	no	VAT amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
shippingAmount	numerical	12	no	Shipping amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
handlingAmount	numerical	12	no	Handling amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
cartAmount	numerical	12	no	VAT-exlusive basket net value. Value is calculated as: `(shoppingCartItem1[itemQuantity] * shoppingCartItem1[itemUnitPrice]) + (shoppingCartItem2[itemQuantity] * shoppingCartItem2[itemUnitPrice]) + …`
shoppingCartItems			yes	Individual items in the basket. It is possible to give more items.
shoppingCartItem			yes	Basket item
itemCode	character	20	no	Item code, e.g. "item 1"
itemDescription	character	50	yes	Item description
itemQuantity	numerical	12	yes	Number of items
itemUnitPrice	numerical	12	yes	VAT-exclusive unit price
itemClass	character	20	no	Item class, e.g. "class A"
itemType	character	20	no	Item type, e.g. "men´s clothing"
itemImageUrl	character	2000	no	Complete URL path to item picture. When using MasterPass wallet, an item picture is displayed next to the item.
altTerminalData			no	Composite type – alternative data about virtual payment terminal
terminalId	character	8	no	Identifier of the payment terminal ASCII x20-x7E
terminalOwner	character	22	no	Identification of the payment terminal owner ASCII x20-x7E
terminalCity	character	13	no	Location of the payment terminal ASCII x20-x7E
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.3.2 Format of the response

Response	**usageBasedSubscriptionPaymentResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
authCode	character	6	yes	Payment authorization code.
traceId	character	1-15	no	The “TraceID” value assigned by the card association
authResponseCode	character	1-2	no	The “Authorization return code” – a detailed indication of the authorization result. (the field must be approved by the provider)

authRRN	character	1-12	no	The Retrieval Reference Number data element contains a number assigned by the message GP webpay to uniquely identify a transaction. This number remains unchanged for all messages throughout the life of a transaction. (the field must be approved by the provider)
paymentAccountReference	character	1-29	no	The Payment Account Reference – unique value for the bank account of the cardholder (can be the same for more than one payment card).
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.3.3 Example of a request and response

4.4.4 processRegularSubscriptionPayment (transaction type: recurring)

Operation `processRegularSubscriptionPayment` allows the Merchant to set up a subsequent recurring payment for already established master payment (for establishment of master payment, please see the document "GP_webpay_HTTP_API_vx.x_CZ/EN" – chapter „Recurring payment".

Calling this method should precede to determine the condition of the master payment - see `getMasterPaymentStatus`.

Payment initiated by the merchant of these parameters:

- fixed date
- fixed amount

Used exemption "Recurring payment".

According to the regulations of the card schemes, it is obligatory to send data about the customer with each payment. For a list of fields, see Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes.

4.4.4.1 Format of the request

Request	**`regularSubscriptionPaymentRequest`**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+" character „/" character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
masterPaymentNumber	numerical	15	yes	Master payment registered number.

orderNumber	numerical	30	no	Payment order number – variable symbol In case that the value is not specified the used value will be *paymentNumber* The value appears on the bank statement. Each bank has its solution or the limit – see Annex no. 7 – Maximal length of orderNumber field
referenceNumber	character	20	no	Internal ID at the merchant's Supported ASCII characters: x20(space), x23(#), x24($), x2A-x3B(*+,-./0-9), x3D(=), x40-x5A(@A-Z), x5E(^), x5F(_), x61-x7A(a-z)
subscriptionAmount	numerical	15	ne	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents The element is only applicable to "old" registrations – i.e. created before the PSD2 came into effect, as it was possible to have different amount for registration and subsequent payment. When you use it for the **first time**, the registered amount is adjusted and no further change is possible. **No matter the final outcome of the payment, the amount is fixed immediately when the payment is created.**
captureFlag	numerical	1	yes	Indicates whether the payment order has to be paid automatically. Allowed values: 0 = immediate payment is not required 1 = immediate payment is required
subMerchantData			no	A composite type - Information about merchant's realizing transactions through a payment aggregator (payment facilitator model)
merchantId	character	15	yes	A number assigned to each merchant
merchantType	character	4	yes	Merchant's MCC code
merchantName	character	22	yes	Merchant name The final name of the merchant is a composite name aggregator and merchant. Format: [3 or 7 or 12 characters – registered in GP webpay] * [name of the merchant] – total length max. 22 characters. E.g..: „GPE*Test merchant" ASCII x20-x7E
merchantStreet	character	25	yes	Street ASCII x20-x7E
merchantCity	character	13	yes	City ASCII x20-x7E
merchantPostalCode	character	10	yes	Postal code / ZIP – 5 figures-no gaps (for the Czech Republic, Slovakia), otherwise no limits in WSDL pattern
merchantState	character	3	no	State – in the Czech Republic and Slovakia irrelevant, not necessary to fill in
merchantCountry	character	2	yes	Country code – ISO 3166-1 Alpha-2 – e.g. CZ, SK, HU
merchantWeb	character	25	yes	Merchant's web page URL – e.g. "www.merchant.com" ASCII x20-x7E
merchantServiceNumber	character	13	yes	Merchant's phone number – customer support
merchantMcAssignedId	character	15	no	Mastercard Assigned ID allocated to public institutions Values: small/big letters, numbers
merchantCountryOfOrigin	numerical	3	no	Country code – ISO 3166-1 numeric

				MC mandates "Country of Origin" for **government owned merchants**. For **government owned merchants**, this value must always be filled in, even if the country of the merchant is the same as the country of the owner. MC checks these MCCs (Edit 24/34): 9211 (Court costs including alimony and child support) 9222 (Fines) 9311 (Tax payments) 9399 (Government services - not elsewhere classified) 9402 (Postal services - government only) 9405 (Intra-government purchases-government only) 9406 (Government-owned lottery [Global, excluding US region]) E.g.: ***Czech Post*** – Czech Republic owned merchant – MCC 9402 (Postal services - government only): 203 - Czech Republic ***Australian Embassy*** – Australia owned merchant - MCC 9399 (Government services - not elsewhere classified): 036 - Australia The flagging is not limited to the above MCCs, but applies to **all government owned merchants** – e.g.: ***Czech Railways*** – Czech Republic owned merchant – MCC 4789 (TRANSPORTATION SERVICES): 203 - Czech Republic
cardHolderData			no	Composite type
cardholderDetails			no	Composite type
name	character	2-45	yes	Card holder's name – name and surname, UTF-8 encoding
loginId	character	255	no	LoginID into e-shop
loginType	numerical	2	no	Mechanism used by the Cardholder to authenticate to the e-shop. Values: • 01 = No merchant authentication occurred (i.e. cardholder "logged in" as guest) • 02 = Login to the cardholder account at the merchant system using merchant's own credentials • 03 = Login to the cardholder account at the merchant system using federated ID • 04 = Login to the cardholder account at the merchant system using issuer credentials • 05 = Login to the cardholder account at the merchant system using third-party authentication • 06 = Login to the cardholder account at the merchant system using FIDO Authenticator • 07–79 = Reserved for EMVCo future use (values invalid until defined by EMVCo) • 80–99 = Reserved for DS use
loginTime	numerical	12	no	Date and time in UTC of the cardholder authentication. Format: YYYYMMDDHHMM
userAccountId	character	64	no	User account ID in the e-shop system
userAccountCreatedDate	numerical	8	no	Date that the cardholder opened the account with the merchant.

				Format: YYYYMMDD
userAccountAge	numerical	2	no	Length of time that the cardholder has had the account with the merchant. Values: • 01 = No account (guest check-out) • 02 = Created during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
userAccountLastChangeDate	numerical	8	no	Date that the cardholder's account with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Format: YYYYMMDD
userAccountLastChangeAge	numerical	2	no	Length of time since the cardholder's account information with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Values: • 01 = Changed during this transaction • 02 = Less than 30 days • 03 = 30−60 days • 04 = More than 60 days
userAccountPasswordChangeDate	numerical	8	no	Date that cardholder's account with the merchant had a password change or account reset. Format: YYYYMMDD
userAccountPasswordChangeAge	numerical	2	no	Indicates the length of time since the cardholder's account with the merchant had a password change or account reset. Values: • 01 = No change • 02 = Changed during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
socialNetworkId	character	255	no	LoginID into e-shop if used login via social network (Facebook, Google ...)
email	character	255	yes	Card holder's e-mail
phoneCountry	character	3	no	Phone country code (format 3 digits - 420)
phone	character	15	no	Card holder's phone number – digits only
mobilePhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
mobilePhone	character	15	no	Card holder's phone number – digits only
workPhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
workPhone	character	15	no	Card holder's phone number – digits only
clientIpAddress	character	255	no	Card holder's e-mail IP address
addressMatch	character	1	no	Indicates whether the Cardholder Shipping Address and Cardholder Billing Address are the same. Values: • Y = Shipping Address matches Billing Address • N = Shipping Address does not match Billing Address
billingDetails			no	Composite type – billing address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line

city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	6-255	no	E-mail
shippingDetails			no	Composite type – shipping address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	255	no	E-mail
method	character	6-255	no	Delivery method personal pick-up, courier, electronic delivery …
paymentInfo			no	Additional info about payment
transactionType	numerical	2	no	Identifies the type of transaction being authenticated. Values: • 01 = Goods/ Service Purchase • 03 = Check Acceptance • 10 = Account Funding • 11 = Quasi-Cash Transaction • 28 = Prepaid Activation and Load
shippingIndicator	numerical	2	no	Indicates shipping method chosen for the transaction. Merchants must choose the Shipping Indicator code that most accurately describes the cardholder's specific transaction, not their general business. If one or more items are included in the sale, use the Shipping Indicator code for the physical goods, or if all digital goods, use the Shipping Indicator code that describes the most expensive item. Values: • 01 = Ship to cardholder's billing address • 02 = Ship to another verified address on file with merchant • 03 = Ship to address that is different than the cardholder's billing address • 04 = "Ship to Store" / Pick-up at local store (Store address shall be populated in shipping address fields) • 05 = Digital goods (includes online services, electronic gift cards and redemption codes) • 06 = Travel and Event tickets, not shipped • 07 = Other (for example, Gaming, digital services not shipped, emedia subscriptions, etc.)
preOrderPurchaseInd	numerical	2	no	Indicates whether Cardholder is placing an order for merchandise with a future availability or release date.

				Values: • 01 = Merchandise available • 02 = Future availability
preOrderDate	numerical	2	no	For a pre-ordered purchase, the expected date that the merchandise will be available. format: YYYYMMDD
reorderItemsInd	numerical	2	no	Indicates whether the cardholder is reordering previously purchased merchandise. Values: • 01 = First time ordered • 02 = Reordered
deliveryTimeframe	numerical	2	no	Indicates the merchandise delivery timeframe. • 01 = Electronic Delivery • 02 = Same day shipping • 03 = Overnight shipping • 04 = Two-day or more shipping
deliveryEmailAddress	character	6-255	no	For Electronic delivery, the email address to which the merchandise was delivered.
giftCardCount	numerical	2	no	For prepaid or gift card purchase, total count of individual prepaid or gift cards/codes purchased (1-99).
giftCardAmount	numerical	15	no	For prepaid or gift card purchase, the purchase amount total of prepaid or gift card(s) in major units (for example, USD 123.45 is 123).
giftCardCurrency	numerical	3	no	Currency code ISO 4217 currency codes
recurringExpiry	numerical	8	no	Date after which no further authorizations shall be performed. format: YYYYMMDD
recurringFrequency	numerical	4	no	Indicates the minimum number of days between authorizations.
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
shoppingCartInfo			no	Element containing information about the basket
taxAmount	numerical	12	no	VAT amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
shippingAmount	numerical	12	no	Shipping amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
handlingAmount	numerical	12	no	Handling amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
cartAmount	numerical	12	no	VAT-exlusive basket net value. Value is calculated as: `(shoppingCartItem1[itemQuantity] * shoppingCartItem1[itemUnitPrice]) + (shoppingCartItem2[itemQuantity] * shoppingCartItem2[itemUnitPrice]) + …`
shoppingCartItems			yes	Individual items in the basket. It is possible to give more items.
shoppingCartItem			yes	Basket item
itemCode	character	20	no	Item code, e.g. "item 1"
itemDescription	character	50	yes	Item description
itemQuantity	numerical	12	yes	Number of items

itemUnitPrice	numerical	12	yes	VAT-exclusive unit price
itemClass	character	20	no	Item class, e.g. "class A"
itemType	character	20	no	Item type, e.g. "men´s clothing"
itemImageUrl	character	2000	no	Complete URL path to item picture. When using MasterPass wallet, an item picture is displayed next to the item.
altTerminalData			no	Composite type – alternative data about virtual payment terminal
terminalId	character	8	no	Identifier of the payment terminal ASCII x20-x7E
terminalOwner	character	22	no	Identification of the payment terminal owner ASCII x20-x7E
terminalCity	character	13	no	Location of the payment terminal ASCII x20-x7E
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.4.2 Format of the response

Response	**regularSubscriptionPaymentResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
authCode	character	6	yes	Payment authorization code.
traceId	character	1-15	no	The “TraceID” value assigned by the card association
authResponseCode	character	1-2	no	The “Authorization return code” – a detailed indication of the authorization result. (the field must be approved by the provider)
authRRN	character	1-12	no	The Retrieval Reference Number data element contains a number assigned by the message GP webpay to uniquely identify a transaction. This number remains unchanged for all messages throughout the life of a transaction. (the field must be approved by the provider)
paymentAccountReference	character	1-29	no	The Payment Account Reference – unique value for the bank account of the cardholder (can be the same for more than one payment card).
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.4.3 Example of a request and response

4.4.5 processPrepaidPayment (transaction type: recurring)

Operation `processPrepaidPayment` allows the Merchant to set up a subsequent recurring payment for already established master payment (for establishment of master payment, please see the document “GP_webpay_HTTP_API_vx.x_CZ/EN” – chapter „Recurring payment“).

Calling this method should precede to determine the condition of the master payment - see `getMasterPaymentStatus`.

Payment initiated by the merchant of these parameters:

- variable date
- fixed amount

Used exemption “Recurring payment”.

According to the regulations of the card schemes, it is obligatory to send data about the customer with each payment. For a list of fields, see Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes.

4.4.5.1 Format of the request

Request	prepaidPaymentRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
masterPaymentNumber	numerical	15	yes	Master payment registered number.
orderNumber	numerical	30	no	Payment order number – variable symbol In case that the value is not specified the used value will be *paymentNumber* The value appears on the bank statement. Each bank has its solution or the limit – see Annex no. 7 – Maximal length of orderNumber field
referenceNumber	character	20	no	Internal ID at the merchant’s Supported ASCII characters: x20(space), x23(#), x24($), x2A-x3B(*+,-./0-9), x3D(=), x40-x5A(@A-Z), x5E(^), x5F(_), x61-x7A(a-z)
subscriptionAmount	numerical	15	ne	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents The element is only applicable to “old” registrations – i.e. created before the PSD2 came into effect, as it was possible to have different amount for registration and subsequent payment. When you use it for the **first time**, the registered amount is adjusted and no further change is possible. **No matter the final outcome of the payment, the amount is fixed immediately when the payment is created.**
captureFlag	numerical	1	yes	Indicates whether the payment order has to be paid automatically. Allowed values: 0 = immediate payment is not required 1 = immediate payment is required

subMerchantData			no	A composite type - Information about merchant's realizing transactions through a payment aggregator (payment facilitator model)
merchantId	character	15	yes	A number assigned to each merchant
merchantType	character	4	yes	Merchant's MCC code
merchantName	character	22	yes	Merchant name The final name of the merchant is a composite name aggregator and merchant. Format: [3 or 7 or 12 characters – registered in GP webpay] * [name of the merchant] – total length max. 22 characters. E.g..: „GPE*Test merchant" ASCII x20-x7E
merchantStreet	character	25	yes	Street ASCII x20-x7E
merchantCity	character	13	yes	City ASCII x20-x7E
merchantPostalCode	character	10	yes	Postal code / ZIP – 5 figures-no gaps (for the Czech Republic, Slovakia), otherwise no limits in WSDL pattern
merchantState	character	3	no	State – in the Czech Republic and Slovakia irrelevant, not necessary to fill in
merchantCountry	character	2	yes	Country code – ISO 3166-1 Alpha-2 – e.g. CZ, SK, HU
merchantWeb	character	25	yes	Merchant's web page URL – e.g. "www.merchant.com" ASCII x20-x7E
merchantServiceNumber	character	13	yes	Merchant's phone number – customer support
merchantMcAssignedId	character	15	no	Mastercard Assigned ID allocated to public institutions Values: small/big letters, numbers
merchantCountryOfOrigin	numerical	3	no	Country code – ISO 3166-1 numeric MC mandates "Country of Origin" for **government owned merchants**. For **government owned merchants**, this value must always be filled in, even if the country of the merchant is the same as the country of the owner. MC checks these MCCs (Edit 24/34): 9211 (Court costs including alimony and child support) 9222 (Fines) 9311 (Tax payments) 9399 (Government services - not elsewhere classified) 9402 (Postal services - government only) 9405 (Intra-government purchases-government only) 9406 (Government-owned lottery [Global, excluding US region]) E.g.: ***Czech Post*** – Czech Republic owned merchant – MCC 9402 (Postal services - government only): 203 - Czech Republic ***Australian Embassy*** – Australia owned merchant - MCC 9399 (Government services - not elsewhere classified): 036 - Australia The flagging is not limited to the above MCCs, but applies

				to **all government owned merchants** – e.g.: ***Czech Railways*** – Czech Republic owned merchant – MCC 4789 (TRANSPORTATION SERVICES): 203 - Czech Republic
cardHolderData			no	Composite type
cardholderDetails			no	Composite type
name	character	2-45	yes	Card holder's name – name and surname, UTF-8 encoding
loginId	character	255	no	LoginID into e-shop
loginType	numerical	2	no	Mechanism used by the Cardholder to authenticate to the e-shop. Values: • 01 = No merchant authentication occurred (i.e. cardholder "logged in" as guest) • 02 = Login to the cardholder account at the merchant system using merchant's own credentials • 03 = Login to the cardholder account at the merchant system using federated ID • 04 = Login to the cardholder account at the merchant system using issuer credentials • 05 = Login to the cardholder account at the merchant system using third-party authentication • 06 = Login to the cardholder account at the merchant system using FIDO Authenticator • 07–79 = Reserved for EMVCo future use (values invalid until defined by EMVCo) • 80–99 = Reserved for DS use
loginTime	numerical	12	no	Date and time in UTC of the cardholder authentication. Format: YYYYMMDDHHMM
userAccountId	character	64	no	User account ID in the e-shop system
userAccountCreatedDate	numerical	8	no	Date that the cardholder opened the account with the merchant. Format: YYYYMMDD
userAccountAge	numerical	2	no	Length of time that the cardholder has had the account with the merchant. Values: • 01 = No account (guest check-out) • 02 = Created during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
userAccountLastChangeDate	numerical	8	no	Date that the cardholder's account with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Format: YYYYMMDD
userAccountLastChangeAge	numerical	2	no	Length of time since the cardholder's account information with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Values: • 01 = Changed during this transaction • 02 = Less than 30 days • 03 = 30−60 days • 04 = More than 60 days
userAccountPasswordChangeDate	numerical	8	no	Date that cardholder's account with the merchant had a password change or account reset. Format: YYYYMMDD
userAccountPasswordChangeAge	numerical	2	no	Indicates the length of time since the cardholder's account with the merchant had a password change or account

				reset. Values: • 01 = No change • 02 = Changed during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
socialNetworkId	character	255	no	LoginID into e-shop if used login via social network (Facebook, Google ...)
email	character	255	yes	Card holder's e-mail
phoneCountry	character	3	no	Phone country code (format 3 digits - 420)
phone	character	15	no	Card holder's phone number – digits only
mobilePhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
mobilePhone	character	15	no	Card holder's phone number – digits only
workPhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
workPhone	character	15	no	Card holder's phone number – digits only
clientIpAddress	character	255	no	Card holder's e-mail IP address
addressMatch	character	1	no	Indicates whether the Cardholder Shipping Address and Cardholder Billing Address are the same. Values: • Y = Shipping Address matches Billing Address • N = Shipping Address does not match Billing Address
billingDetails			no	Composite type – billing address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	6-255	no	E-mail
shippingDetails			no	Composite type – shipping address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	255	no	E-mail

method	character	6-255	no	Delivery method personal pick-up, courier, electronic delivery …
paymentInfo			no	Additional info about payment
transactionType	numerical	2	no	Identifies the type of transaction being authenticated. Values: • 01 = Goods/ Service Purchase • 03 = Check Acceptance • 10 = Account Funding • 11 = Quasi-Cash Transaction • 28 = Prepaid Activation and Load
shippingIndicator	numerical	2	no	Indicates shipping method chosen for the transaction. Merchants must choose the Shipping Indicator code that most accurately describes the cardholder's specific transaction, not their general business. If one or more items are included in the sale, use the Shipping Indicator code for the physical goods, or if all digital goods, use the Shipping Indicator code that describes the most expensive item. Values: • 01 = Ship to cardholder's billing address • 02 = Ship to another verified address on file with merchant • 03 = Ship to address that is different than the cardholder's billing address • 04 = "Ship to Store" / Pick-up at local store (Store address shall be populated in shipping address fields) • 05 = Digital goods (includes online services, electronic gift cards and redemption codes) • 06 = Travel and Event tickets, not shipped • 07 = Other (for example, Gaming, digital services not shipped, emedia subscriptions, etc.)
preOrderPurchaseInd	numerical	2	no	Indicates whether Cardholder is placing an order for merchandise with a future availability or release date. Values: • 01 = Merchandise available • 02 = Future availability
preOrderDate	numerical	2	no	For a pre-ordered purchase, the expected date that the merchandise will be available. format: YYYYMMDD
reorderItemsInd	numerical	2	no	Indicates whether the cardholder is reordering previously purchased merchandise. Values: • 01 = First time ordered • 02 = Reordered
deliveryTimeframe	numerical	2	no	Indicates the merchandise delivery timeframe. • 01 = Electronic Delivery • 02 = Same day shipping • 03 = Overnight shipping • 04 = Two-day or more shipping
deliveryEmailAddress	character	6-255	no	For Electronic delivery, the email address to which the merchandise was delivered.
giftCardCount	numerical	2	no	For prepaid or gift card purchase, total count of individual prepaid or gift cards/codes purchased (1-99).
giftCardAmount	numerical	15	no	For prepaid or gift card purchase, the purchase amount total of prepaid or gift card(s) in major units (for example, USD 123.45 is 123).
giftCardCurrency	numerical	3	no	Currency code ISO 4217 currency codes

recurringExpiry	numerical	8	no	Date after which no further authorizations shall be performed. format: YYYYMMDD
recurringFrequency	numerical	4	no	Indicates the minimum number of days between authorizations.
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
shoppingCartInfo			no	Element containing information about the basket
taxAmount	numerical	12	no	VAT amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
shippingAmount	numerical	12	no	Shipping amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
handlingAmount	numerical	12	no	Handling amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
cartAmount	numerical	12	no	VAT-exlusive basket net value. Value is calculated as: `(shoppingCartItem1[itemQuantity] * shoppingCartItem1[itemUnitPrice]) + (shoppingCartItem2[itemQuantity] * shoppingCartItem2[itemUnitPrice]) + …`
shoppingCartItems			yes	Individual items in the basket. It is possible to give more items.
shoppingCartItem			yes	Basket item
itemCode	character	20	no	Item code, e.g. "item 1"
itemDescription	character	50	yes	Item description
itemQuantity	numerical	12	yes	Number of items
itemUnitPrice	numerical	12	yes	VAT-exclusive unit price
itemClass	character	20	no	Item class, e.g. "class A"
itemType	character	20	no	Item type, e.g. "men´s clothing"
itemImageUrl	character	2000	no	Complete URL path to item picture. When using MasterPass wallet, an item picture is displayed next to the item.
altTerminalData			no	Composite type – alternative data about virtual payment terminal
terminalId	character	8	no	Identifier of the payment terminal ASCII x20-x7E
terminalOwner	character	22	no	Identification of the payment terminal owner ASCII x20-x7E
terminalCity	character	13	no	Location of the payment terminal ASCII x20-x7E
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.5.2 Format of the response

Response	**`prepaidPaymentResponse`**

Parameter	Type	Length	Mandatory	Description
messageId	character	16-256	yes	Field content from the Request.
authCode	character	6	yes	Payment authorization code.
traceId	character	1-15	no	The “TraceID” value assigned by the card association
authResponseCode	character	1-2	no	The “Authorization return code” – a detailed indication of the authorization result. (the field must be approved by the provider)
authRRN	character	1-12	no	The Retrieval Reference Number data element contains a number assigned by the message GP webpay to uniquely identify a transaction. This number remains unchanged for all messages throughout the life of a transaction. (the field must be approved by the provider)
paymentAccountReference	character	1-29	no	The Payment Account Reference – unique value for the bank account of the cardholder (can be the same for more than one payment card).
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.4.5.3 Example of a request and response

4.5 Operations with tokenized payment data

4.5.1 getTokenStatus

Operation `getTokenStatus` used to determine the tokenized data status – whether it is possible to perform a subsequent token payment.

4.5.1.1 Format of the request

Request	tokenStatusRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
tokenData	character	64	yes	Payment data token – received in registration process
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.1.2 Format of the response

Response	tokenStatusResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**

messageId	character	16-256	yes	Field content from the Request.
status	character		no	Letter abbreviation of the token status. see Token status
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.1.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getTokenStatus>
         <v1:tokenStatusRequest>
            <type:messageId>20171222071513236</type:messageId>
            <type:provider>0880</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:tokenData>AA74E7D735D3201A926971BE5A92C8CE14D2E6 …</type:tokenData>
            <type:signature>RTDzBOJ2y7xw3GSfNk …</type:signature>
         </v1:tokenStatusRequest>
      </v1:getTokenStatus>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:getTokenStatusResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:tokenStatusResponse>
            <ns3:messageId>20171222071513236</ns3:messageId>
            <ns3:status>VERIFIED</ns3:status>
            <ns3:signature>hcfxI+ …</ns3:signature>
         </ns4:tokenStatusResponse>
      </ns4:getTokenStatusResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.5.2 processTokenRevoke

Operation `getTokenRevoke` used to revoke token validity. No more token payments are allowed for revoked token.

4.5.2.1 Format of the request

Request	**tokenRevokeRequest**

Parameter	Type	Length	Mandatory	Description
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
tokenData	character	64	yes	Payment data token – received in registration process
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.2.2 Format of the response

Response	tokenRevokeResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
status	character		no	Letter abbreviation of the token status. see Token status
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.2.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:processTokenRevoke>
         <v1:tokenRevokeRequest>
             <type:messageId>20171222073519677</type:messageId>
            <type:provider>0880</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:tokenData>AA74E7D735D3201A926971BE5A92C8CE14D2E6 …</type:tokenData>
            <type:signature>TFczBOJ2y7xw3GSfNk …</type:signature>
         </v1:tokenRevokeRequest>
      </v1:processTokenRevoke>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:processTokenRevokeResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:tokenRevokeResponse>
            <ns3:messageId>20171222073519677</ns3:messageId>
            <ns3:status>REVOKED</ns3:status>
            <ns3:signature>IY+/2DFw8lpl/fAa3ESaBo9JyXA/NeRVG3g …</ns3:signature>
         </ns4:tokenRevokeResponse>
      </ns4:processTokenRevokeResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.5.3 processCardOnFilePayment (transaction type: card on file)

Operation `processCardOnFilePayment` allows the Merchant to set up a subsequent token payment for already registered payment data. See the document “GP_webpay_HTTP_API_vx.x_CZ/EN” – chapter “Stored card (card on file [COF] payments – tokens)” for how to store your payment information and get "tokens".

Calling this method should precede to determine the condition of the token - see `getTokenStatus`. For enabling subsequent payments, the token status must be “`VERIFIED`”.

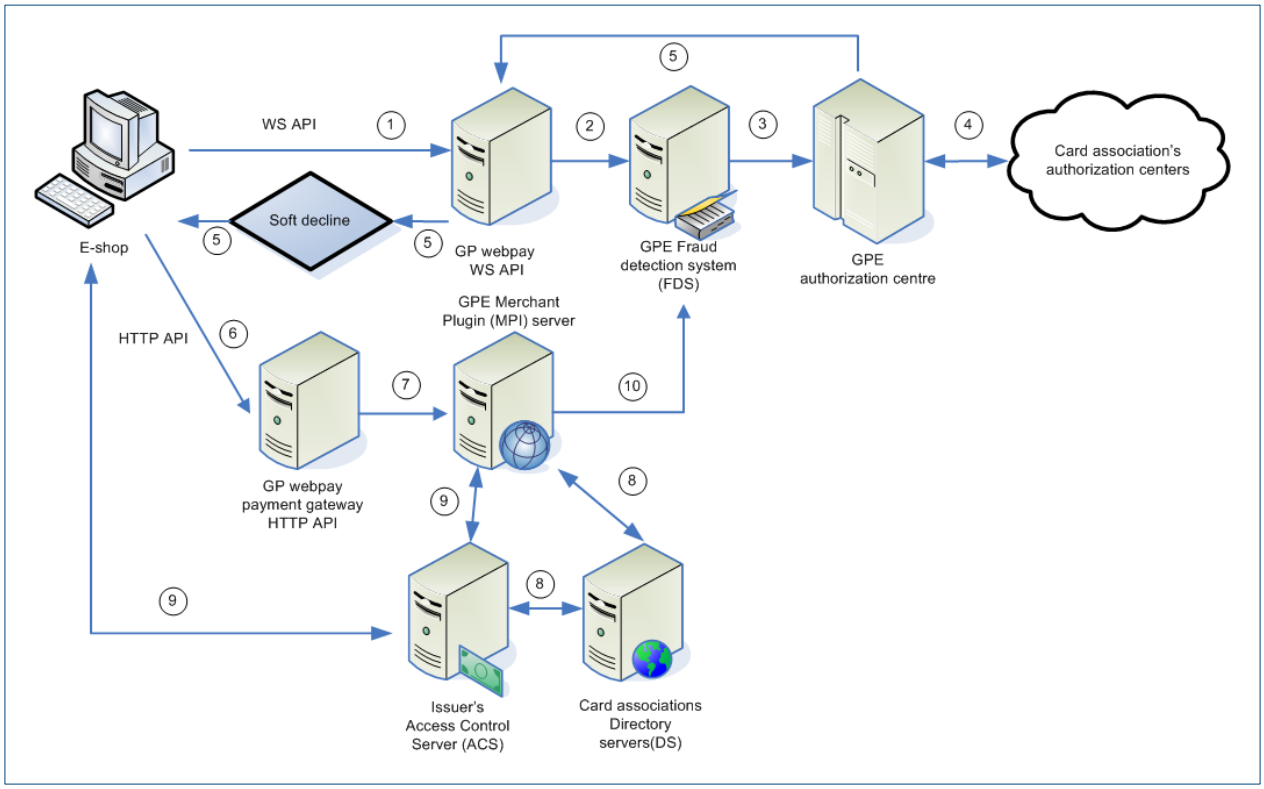
Payment initiated by the merchant of these parameters:

- variable date
- variable amount

Used exemption “Transaction risk analysis (TRA)” or “Low value”

There is possible to receive “Soft decline” from issuer authorization host. In that case the “3D verification payment” is automatically created and 3D server verification URL is returned in the response of the method calling. The merchant should redirect customer to received URL and be ready to process payment result on standard HTTP API.

According to the regulations of the card schemes, it is obligatory to send data about the customer with each payment. For a list of fields, see Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes.



1. E-shop initiates payment by sending a properly formatted request
2. GP webpay:
    - checks the data provided
    - searches for stored payment information (based on your registration payment ID or token)
3. Checking transaction admissibility in GPE FDS system
4. Request for blocking of funds in the cardholder's account
5. Returning the payment result to the e-shop - based on the answer these situations may occur:
    - approved
    - conditionally approved (soft decline), the card issuer requested SCA – continues step 6
    - declined
6. Along with the payment result, the URL for resuming payment through the browser is returned, the customer is redirected to the GP webpay systems by the merchant
7. GP webpay starts the 3D authentication process
8. The GPE 3DS/MPI server verified the payment card participation in 3D verification program
9. Card holder authentication in 3D card issuer system and return of verification results to GPE systems

- full authentication
- authentication attempt

10. Continues step 3

4.5.3.1 Format of the request

Request	cardOnFilePaymentRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
orderNumber	numerical	30	no	Payment order number – variable symbol In case that the value is not specified the used value will be *paymentNumber* The value appears on the bank statement. Each bank has its solution or the limit – see Annex no. 7 – Maximal length of orderNumber field
referenceNumber	character	20	no	Internal ID at the merchant’s Supported ASCII characters: x20(space), x23(#), x24($), x2A-x3B(*+,-./0-9), x3D(=), x40-x5A(@A-Z), x5E(^), x5F(_), x61-x7A(a-z)
amount	numerical	15	no	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents If the amount is not specified the value will be used from the master payment.
currencyCode	numerical	3	no/yes	Currency identifier according to the ISO 4217. **Multicurrency (using of a different currencies)** depends on the support of individual banks. **Mandatory field if the amount is set.**
captureFlag	numerical	1	yes	Indicates whether the payment order has to be paid automatically. Allowed values: 0 = immediate payment is not required 1 = immediate payment is required
subMerchantData			no	A composite type - Information about merchant’s realizing transactions through a payment aggregator (payment facilitator model)
merchantId	character	15	yes	A number assigned to each merchant
merchantType	character	4	yes	Merchant’s MCC code
merchantName	character	22	yes	Merchant name The final name of the merchant is a composite name

				aggregator and merchant. Format: [3 or 7 or 12 characters – registered in GP webpay] * [name of the merchant] – total length max. 22 characters. E.g..: „GPE*Test merchant“ ASCII x20-x7E
merchantStreet	character	25	yes	Street ASCII x20-x7E
merchantCity	character	13	yes	City ASCII x20-x7E
merchantPostalCode	character	10	yes	Postal code / ZIP – 5 figures-no gaps (for the Czech Republic, Slovakia), otherwise no limits in WSDL pattern
merchantState	character	3	no	State – in the Czech Republic and Slovakia irrelevant, not necessary to fill in
merchantCountry	character	2	yes	Country code – ISO 3166-1 Alpha-2 – e.g. CZ, SK, HU
merchantWeb	character	25	yes	Merchant’s web page URL – e.g. “www.merchant.com” ASCII x20-x7E
merchantServiceNumber	character	13	yes	Merchant’s phone number – customer support
merchantMcAssignedId	character	15	no	Mastercard Assigned ID allocated to public institutions Values: small/big letters, numbers
merchantCountryOfOrigin	numerical	3	no	Country code – ISO 3166-1 numeric MC mandates "Country of Origin" for **government owned merchants**. For **government owned merchants**, this value must always be filled in, even if the country of the merchant is the same as the country of the owner. MC checks these MCCs (Edit 24/34): 9211 (Court costs including alimony and child support) 9222 (Fines) 9311 (Tax payments) 9399 (Government services - not elsewhere classified) 9402 (Postal services - government only) 9405 (Intra-government purchases-government only) 9406 (Government-owned lottery [Global, excluding US region]) E.g.: ***Czech Post*** – Czech Republic owned merchant – MCC 9402 (Postal services - government only): 203 - Czech Republic ***Australian Embassy*** – Australia owned merchant - MCC 9399 (Government services - not elsewhere classified): 036 - Australia The flagging is not limited to the above MCCs, but applies to **all government owned merchants** – e.g.: ***Czech Railways*** – Czech Republic owned merchant – MCC 4789 (TRANSPORTATION SERVICES): 203 - Czech Republic
tokenData	character	64	yes	Token data received in HTTP response
cardHolderData			no	Composite type
cardholderDetails			no	Composite type

name	character	2-45	yes	Card holder's name – name and surname, UTF-8 encoding
loginId	character	255	no	LoginID into e-shop
loginType	numerical	2	no	Mechanism used by the Cardholder to authenticate to the e-shop. Values: • 01 = No merchant authentication occurred (i.e. cardholder "logged in" as guest) • 02 = Login to the cardholder account at the merchant system using merchant's own credentials • 03 = Login to the cardholder account at the merchant system using federated ID • 04 = Login to the cardholder account at the merchant system using issuer credentials • 05 = Login to the cardholder account at the merchant system using third-party authentication • 06 = Login to the cardholder account at the merchant system using FIDO Authenticator • 07–79 = Reserved for EMVCo future use (values invalid until defined by EMVCo) • 80–99 = Reserved for DS use
loginTime	numerical	12	no	Date and time in UTC of the cardholder authentication. Format: YYYYMMDDHHMM
userAccountId	character	64	no	User account ID in the e-shop system
userAccountCreatedDate	numerical	8	no	Date that the cardholder opened the account with the merchant. Format: YYYYMMDD
userAccountAge	numerical	2	no	Length of time that the cardholder has had the account with the merchant. Values: • 01 = No account (guest check-out) • 02 = Created during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
userAccountLastChangeDate	numerical	8	no	Date that the cardholder's account with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Format: YYYYMMDD
userAccountLastChangeAge	numerical	2	no	Length of time since the cardholder's account information with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Values: • 01 = Changed during this transaction • 02 = Less than 30 days • 03 = 30−60 days • 04 = More than 60 days
userAccountPasswordChangeDate	numerical	8	no	Date that cardholder's account with the merchant had a password change or account reset. Format: YYYYMMDD
userAccountPasswordChangeAge	numerical	2	no	Indicates the length of time since the cardholder's account with the merchant had a password change or account reset. Values: • 01 = No change • 02 = Changed during this transaction • 03 = Less than 30 days • 04 = 30−60 days

				• 05 = More than 60 days
socialNetworkId	character	255	no	LoginID into e-shop if used login via social network (Facebook, Google ...)
email	character	255	yes	Card holder's e-mail
phoneCountry	character	3	no	Phone country code (format 3 digits - 420)
phone	character	15	no	Card holder's phone number – digits only
mobilePhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
mobilePhone	character	15	no	Card holder's phone number – digits only
workPhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
workPhone	character	15	no	Card holder's phone number – digits only
clientIpAddress	character	255	no	Card holder's e-mail IP address
addressMatch	character	1	no	Indicates whether the Cardholder Shipping Address and Cardholder Billing Address are the same. Values: • Y = Shipping Address matches Billing Address • N = Shipping Address does not match Billing Address
billingDetails			no	Composite type – billing address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	6-255	no	E-mail
shippingDetails			no	Composite type – shipping address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	255	no	E-mail
method	character	6-255	no	Delivery method personal pick-up, courier, electronic delivery …
paymentInfo			no	Additional info about payment
transactionType	numerical	2	no	Identifies the type of transaction being authenticated. Values: • 01 = Goods/ Service Purchase

				• 03 = Check Acceptance • 10 = Account Funding • 11 = Quasi-Cash Transaction • 28 = Prepaid Activation and Load
shippingIndicator	numerical	2	no	Indicates shipping method chosen for the transaction. Merchants must choose the Shipping Indicator code that most accurately describes the cardholder's specific transaction, not their general business. If one or more items are included in the sale, use the Shipping Indicator code for the physical goods, or if all digital goods, use the Shipping Indicator code that describes the most expensive item. Values: • 01 = Ship to cardholder's billing address • 02 = Ship to another verified address on file with merchant • 03 = Ship to address that is different than the cardholder's billing address • 04 = "Ship to Store" / Pick-up at local store (Store address shall be populated in shipping address fields) • 05 = Digital goods (includes online services, electronic gift cards and redemption codes) • 06 = Travel and Event tickets, not shipped • 07 = Other (for example, Gaming, digital services not shipped, emedia subscriptions, etc.)
preOrderPurchaseInd	numerical	2	no	Indicates whether Cardholder is placing an order for merchandise with a future availability or release date. Values: • 01 = Merchandise available • 02 = Future availability
preOrderDate	numerical	2	no	For a pre-ordered purchase, the expected date that the merchandise will be available. format: YYYYMMDD
reorderItemsInd	numerical	2	no	Indicates whether the cardholder is reordering previously purchased merchandise. Values: • 01 = First time ordered • 02 = Reordered
deliveryTimeframe	numerical	2	no	Indicates the merchandise delivery timeframe. • 01 = Electronic Delivery • 02 = Same day shipping • 03 = Overnight shipping • 04 = Two-day or more shipping
deliveryEmailAddress	character	6-255	no	For Electronic delivery, the email address to which the merchandise was delivered.
giftCardCount	numerical	2	no	For prepaid or gift card purchase, total count of individual prepaid or gift cards/codes purchased (1-99).
giftCardAmount	numerical	15	no	For prepaid or gift card purchase, the purchase amount total of prepaid or gift card(s) in major units (for example, USD 123.45 is 123).
giftCardCurrency	numerical	3	no	Currency code ISO 4217 currency codes
recurringExpiry	numerical	8	no	Date after which no further authorizations shall be performed. format: YYYYMMDD
recurringFrequency	numerical	4	no	Indicates the minimum number of days between authorizations.
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)

remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
shoppingCartInfo			no	Element containing information about the basket
taxAmount	numerical	12	no	VAT amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
shippingAmount	numerical	12	no	Shipping amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
handlingAmount	numerical	12	no	Handling amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
cartAmount	numerical	12	no	VAT-exlusive basket net value. Value is calculated as: `(shoppingCartItem1[itemQuantity] * shoppingCartItem1[itemUnitPrice]) + (shoppingCartItem2[itemQuantity] * shoppingCartItem2[itemUnitPrice]) + …`
shoppingCartItems			yes	Individual items in the basket. It is possible to give more items.
shoppingCartItem			yes	Basket item
itemCode	character	20	no	Item code, e.g. "item 1"
itemDescription	character	50	yes	Item description
itemQuantity	numerical	12	yes	Number of items
itemUnitPrice	numerical	12	yes	VAT-exclusive unit price
itemClass	character	20	no	Item class, e.g. "class A"
itemType	character	20	no	Item type, e.g. "men´s clothing"
itemImageUrl	character	2000	no	Complete URL path to item picture. When using MasterPass wallet, an item picture is displayed next to the item.
altTerminalData			no	Composite type – alternative data about virtual payment terminal
terminalId	character	8	no	Identifier of the payment terminal ASCII x20-x7E
terminalOwner	character	22	no	Identification of the payment terminal owner ASCII x20-x7E
terminalCity	character	13	no	Location of the payment terminal ASCII x20-x7E
returnUrl	character	2047	yes	Return URL in the merchant's system for processing the final response after 3D verification made by “soft decline” feature
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.3.2 Format of the response – successful payment

Response	**cardOnFilePaymentResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
authCode	character	6	yes	Payment authorization code.

tokenData	character	64	yes	Token data from request
traceId	character	1-15	no	The “TraceID” value assigned by the card association
authResponseCode	character	1-2	no	The “Authorization return code” – a detailed indication of the authorization result. (the field must be approved by the provider)
authRRN	character	1-12	no	The Retrieval Reference Number data element contains a number assigned by the message GP webpay to uniquely identify a transaction. This number remains unchanged for all messages throughout the life of a transaction. (the field must be approved by the provider)
paymentAccountReference	character	1-29	no	The Payment Account Reference – unique value for the bank account of the cardholder (can be the same for more than one payment card).
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.3.3 Format of the response – soft decline

The payment can be declined by the issuer’s authorization system, the “SOAP fault” is returned. The decline reason is indicated in “primaryReturnCode” and “secondaryReturnCode” elements.

In case of “soft decline”, the reasons are follows:

`primaryReturnCode=46, secondaryReturnCode=300`

The URL of the 3D authentication system is retuned in element “**`authenticationLink`**” and it should be opened in web browser to finish payment in standard way with 3D authentication.

Response				
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
primaryReturnCode	character	6	yes	Primary error code
secondaryReturnCode	character	6	yes	Advanced error code
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages
authenticationLink	character		no	3D authentication server URL

4.5.3.4 Example of a request and response

Request

Response
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"> <soapenv:Body> <soapenv:Fault> <faultcode>soapenv:Server</faultcode> **<faultstring>No authorized</faultstring>** <detail> <ns4:serviceException xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type" xmlns:ns3="http://gpe.cz/pay/pay-ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1" xmlns:axis2ns1="http://gpe.cz/gpwebpay/additionalInfo/response"> <ns3:messageId>20151222102114903</ns3:messageId> **<ns3:primaryReturnCode>46</ns3:primaryReturnCode>** **<ns3:secondaryReturnCode>300</ns3:secondaryReturnCode>** **<ns3:authenticationLink>https://dev.3dsecure.gpwebpay.com/pgw/pay/gxOFBaTZx1</ns3:authenticationLink>** <ns3:signature>NKOZPuHkWlbmxjhEvl8Gye3Jk+ …</ns3:signature> </ns4:serviceException> </detail> </soapenv:Fault> </soapenv:Body> </soapenv:Envelope>

4.5.4 processUsageBasedPayment (transaction type: card on file)

Operation `processUsageBasedPayment` allows the Merchant to set up a subsequent token payment for already registered payment data. See the document "GP_webpay_HTTP_API_vx.x_CZ/EN" – chapter "Stored card (card on file [COF] payments – tokens)" for how to store your payment information and get "tokens".

Calling this method should precede to determine the condition of the token - see `getTokenStatus`. For enabling subsequent payments, the token status must be "`VERIFIED`".

Payment initiated by the merchant of these parameters:

- variable date
- variable amount

Used exemption "Merchant initiated transaction (MIT)".

According to the regulations of the card schemes, it is obligatory to send data about the customer with each payment. For a list of fields, see Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes.

4.5.4.1 Format of the request

Request	`usageBasedPaymentRequest`

Parameter	Type	Length	Mandatory	Description
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
orderNumber	numerical	30	no	Payment order number – variable symbol In case that the value is not specified the used value will be *paymentNumber* The value appears on the bank statement. Each bank has its solution or the limit – see Annex no. 7 – Maximal length of orderNumber field
referenceNumber	character	20	no	Internal ID at the merchant’s Supported ASCII characters: x20(space), x23(#), x24($), x2A-x3B(*+,-./0-9), x3D(=), x40-x5A(@A-Z), x5E(^), x5F(_), x61-x7A(a-z)
amount	numerical	15	no	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents If the amount is not specified the value will be used from the master payment.
currencyCode	numerical	3	no/yes	Currency identifier according to the ISO 4217. **Multicurrency (using of a different currencies)** depends on the support of individual banks. **Mandatory field if the amount is set.**
captureFlag	numerical	1	yes	Indicates whether the payment order has to be paid automatically. Allowed values: 0 = immediate payment is not required 1 = immediate payment is required
subMerchantData			no	A composite type - Information about merchant’s realizing transactions through a payment aggregator (payment facilitator model)
merchantId	character	15	yes	A number assigned to each merchant
merchantType	character	4	yes	Merchant’s MCC code
merchantName	character	22	yes	Merchant name The final name of the merchant is a composite name aggregator and merchant. Format: [3 or 7 or 12 characters – registered in GP webpay] * [name of the merchant] – total length max. 22 characters. E.g..: „GPE*Test merchant“ ASCII x20-x7E
merchantStreet	character	25	yes	Street ASCII x20-x7E
merchantCity	character	13	yes	City

				ASCII x20-x7E
merchantPostalCode	character	10	yes	Postal code / ZIP – 5 figures-no gaps (for the Czech Republic, Slovakia), otherwise no limits in WSDL pattern
merchantState	character	3	no	State – in the Czech Republic and Slovakia irrelevant, not necessary to fill in
merchantCountry	character	2	yes	Country code – ISO 3166-1 Alpha-2 – e.g. CZ, SK, HU
merchantWeb	character	25	yes	Merchant's web page URL – e.g. "www.merchant.com" ASCII x20-x7E
merchantServiceNumber	character	13	yes	Merchant's phone number – customer support
merchantMcAssignedId	character	15	no	Mastercard Assigned ID allocated to public institutions Values: small/big letters, numbers
merchantCountryOfOrigin	numerical	3	no	Country code – ISO 3166-1 numeric MC mandates "Country of Origin" for **government owned merchants**. For **government owned merchants**, this value must always be filled in, even if the country of the merchant is the same as the country of the owner. MC checks these MCCs (Edit 24/34): 9211 (Court costs including alimony and child support) 9222 (Fines) 9311 (Tax payments) 9399 (Government services - not elsewhere classified) 9402 (Postal services - government only) 9405 (Intra-government purchases-government only) 9406 (Government-owned lottery [Global, excluding US region]) E.g.: ***Czech Post*** – Czech Republic owned merchant – MCC 9402 (Postal services - government only): 203 - Czech Republic ***Australian Embassy*** – Australia owned merchant - MCC 9399 (Government services - not elsewhere classified): 036 - Australia The flagging is not limited to the above MCCs, but applies to **all government owned merchants** – e.g.: ***Czech Railways*** – Czech Republic owned merchant – MCC 4789 (TRANSPORTATION SERVICES): 203 - Czech Republic
tokenData	character	64	yes	Token data received in HTTP response
cardHolderData			no	Composite type
cardholderDetails			no	Composite type
name	character	2-45	yes	Card holder's name – name and surname, UTF-8 encoding
loginId	character	255	no	LoginID into e-shop
loginType	numerical	2	no	Mechanism used by the Cardholder to authenticate to the e-shop. Values: • 01 = No merchant authentication occurred (i.e. cardholder "logged in" as guest) • 02 = Login to the cardholder account at the merchant system using merchant's own credentials

				• 03 = Login to the cardholder account at the merchant system using federated ID • 04 = Login to the cardholder account at the merchant system using issuer credentials • 05 = Login to the cardholder account at the merchant system using third-party authentication • 06 = Login to the cardholder account at the merchant system using FIDO Authenticator • 07–79 = Reserved for EMVCo future use (values invalid until defined by EMVCo) • 80–99 = Reserved for DS use
loginTime	numerical	12	no	Date and time in UTC of the cardholder authentication. Format: YYYYMMDDHHMM
userAccountId	character	64	no	User account ID in the e-shop system
userAccountCreatedDate	numerical	8	no	Date that the cardholder opened the account with the merchant. Format: YYYYMMDD
userAccountAge	numerical	2	no	Length of time that the cardholder has had the account with the merchant. Values: • 01 = No account (guest check-out) • 02 = Created during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
userAccountLastChangeDate	numerical	8	no	Date that the cardholder's account with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Format: YYYYMMDD
userAccountLastChangeAge	numerical	2	no	Length of time since the cardholder's account information with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Values: • 01 = Changed during this transaction • 02 = Less than 30 days • 03 = 30−60 days • 04 = More than 60 days
userAccountPasswordChangeDate	numerical	8	no	Date that cardholder's account with the merchant had a password change or account reset. Format: YYYYMMDD
userAccountPasswordChangeAge	numerical	2	no	Indicates the length of time since the cardholder's account with the merchant had a password change or account reset. Values: • 01 = No change • 02 = Changed during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
socialNetworkId	character	255	no	LoginID into e-shop if used login via social network (Facebook, Google ...)
email	character	255	yes	Card holder's e-mail
phoneCountry	character	3	no	Phone country code (format 3 digits - 420)
phone	character	15	no	Card holder's phone number – digits only
mobilePhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
mobilePhone	character	15	no	Card holder's phone number – digits only

workPhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
workPhone	character	15	no	Card holder's phone number – digits only
clientIpAddress	character	255	no	Card holder's e-mail IP address
addressMatch	character	1	no	Indicates whether the Cardholder Shipping Address and Cardholder Billing Address are the same. Values: • Y = Shipping Address matches Billing Address • N = Shipping Address does not match Billing Address
billingDetails			no	Composite type – billing address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	6-255	no	E-mail
shippingDetails			no	Composite type – shipping address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	255	no	E-mail
method	character	6-255	no	Delivery method personal pick-up, courier, electronic delivery …
paymentInfo			no	Additional info about payment
transactionType	numerical	2	no	Identifies the type of transaction being authenticated. Values: • 01 = Goods/ Service Purchase • 03 = Check Acceptance • 10 = Account Funding • 11 = Quasi-Cash Transaction • 28 = Prepaid Activation and Load
shippingIndicator	numerical	2	no	Indicates shipping method chosen for the transaction. Merchants must choose the Shipping Indicator code that most accurately describes the cardholder's specific transaction, not their general business. If one or more items are included in the sale, use the Shipping Indicator code for the physical goods, or if all

				digital goods, use the Shipping Indicator code that describes the most expensive item. Values: • 01 = Ship to cardholder's billing address • 02 = Ship to another verified address on file with merchant • 03 = Ship to address that is different than the cardholder's billing address • 04 = "Ship to Store" / Pick-up at local store (Store address shall be populated in shipping address fields) • 05 = Digital goods (includes online services, electronic gift cards and redemption codes) • 06 = Travel and Event tickets, not shipped • 07 = Other (for example, Gaming, digital services not shipped, emedia subscriptions, etc.)
preOrderPurchaseInd	numerical	2	no	Indicates whether Cardholder is placing an order for merchandise with a future availability or release date. Values: • 01 = Merchandise available • 02 = Future availability
preOrderDate	numerical	2	no	For a pre-ordered purchase, the expected date that the merchandise will be available. format: YYYYMMDD
reorderItemsInd	numerical	2	no	Indicates whether the cardholder is reordering previously purchased merchandise. Values: • 01 = First time ordered • 02 = Reordered
deliveryTimeframe	numerical	2	no	Indicates the merchandise delivery timeframe. • 01 = Electronic Delivery • 02 = Same day shipping • 03 = Overnight shipping • 04 = Two-day or more shipping
deliveryEmailAddress	character	6-255	no	For Electronic delivery, the email address to which the merchandise was delivered.
giftCardCount	numerical	2	no	For prepaid or gift card purchase, total count of individual prepaid or gift cards/codes purchased (1-99).
giftCardAmount	numerical	15	no	For prepaid or gift card purchase, the purchase amount total of prepaid or gift card(s) in major units (for example, USD 123.45 is 123).
giftCardCurrency	numerical	3	no	Currency code ISO 4217 currency codes
recurringExpiry	numerical	8	no	Date after which no further authorizations shall be performed. format: YYYYMMDD
recurringFrequency	numerical	4	no	Indicates the minimum number of days between authorizations.
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
remmitanceInfo1	character	140	no	Merchant can provide information about good (e.g. for airtickets - destination)
shoppingCartInfo			no	Element containing information about the basket
taxAmount	numerical	12	no	VAT amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
shippingAmount	numerical	12	no	Shipping amount The amount in the smallest units of the relevant currency

				For CZK = in hellers, for EUR = in cents
handlingAmount	numerical	12	no	Handling amount The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
cartAmount	numerical	12	no	VAT-exlusive basket net value. Value is calculated as: `(shoppingCartItem1[itemQuantity] * shoppingCartItem1[itemUnitPrice]) + (shoppingCartItem2[itemQuantity] * shoppingCartItem2[itemUnitPrice]) + …`
shoppingCartItems			yes	Individual items in the basket. It is possible to give more items.
shoppingCartItem			yes	Basket item
itemCode	character	20	no	Item code, e.g. "item 1"
itemDescription	character	50	yes	Item description
itemQuantity	numerical	12	yes	Number of items
itemUnitPrice	numerical	12	yes	VAT-exclusive unit price
itemClass	character	20	no	Item class, e.g. "class A"
itemType	character	20	no	Item type, e.g. "men´s clothing"
itemImageUrl	character	2000	no	Complete URL path to item picture. When using MasterPass wallet, an item picture is displayed next to the item.
altTerminalData			no	Composite type – alternative data about virtual payment terminal
terminalId	character	8	no	Identifier of the payment terminal ASCII x20-x7E
terminalOwner	character	22	no	Identification of the payment terminal owner ASCII x20-x7E
terminalCity	character	13	no	Location of the payment terminal ASCII x20-x7E
returnUrl	character	2047	no	Return URL in the merchant's system for processing the final response after 3D verification made by “soft decline” feature
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.4.2 Format of the response

Response	**`usageBasedPaymentResponse`**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
authCode	character	6	yes	Payment authorization code.
tokenData	character	64	yes	Token data from request
traceId	character	1-15	no	The “TraceID” value assigned by the card association
authResponseCode	character	1-2	no	The “Authorization return code” – a detailed indication of the authorization result. (the field must be approved by the provider)
authRRN	character	1-12	no	The Retrieval Reference Number data element contains a number assigned by the message GP webpay to uniquely identify a transaction. This number remains unchanged for all messages throughout the life of a transaction.

				(the field must be approved by the provider)
paymentAccountReference	character	1-29	no	The Payment Account Reference – unique value for the bank account of the cardholder (can be the same for more than one payment card).
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.5.4.3 Example of a request and response

4.6 Operation with PUSH payments

4.6.1 getPaymentLinkStatus

Operation `getPaymentLinkStatus` used to determine the payment link status – whether it is possible to perform a payment with given URL link.

4.6.1.1 Format of the request

Request	**paymentLinkStatusRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.6.1.2 Format of the response

Response	**paymentLinkStatusResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
status	character		no	Letter abbreviation of the token status. see PUSH payments
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.6.1.3 Example of a request and response

4.6.2 createPaymentLink

Method `createPaymentLink` allows the Merchant to create a simple URL link for payment orders. Received link can be easily inserted into email.

4.6.2.1 Format of the request

Request	paymentLinkRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
amount	numerical	15	yes	The amount in the smallest units of the relevant currency For CZK = in hellers, for EUR = in cents
currencyCode	numerical	3	yes	Currency identifier according to the ISO 4217. **Multicurrency (using of a different currencies)** depends on the support of individual banks.
captureFlag	numerical	1	yes	Indicates whether the payment order has to be paid automatically. Allowed values: 0 = immediate payment is not required 1 = immediate payment is required
orderNumber	numerical	30	no	Payment order number – variable symbol In case that the value is not specified the used value will be *paymentNumber* The value appears on the bank statement. Each bank has its solution or the limit – see Annex no. 7 – Maximal length of orderNumber field
referenceNumber	character	20	no	Internal ID at the merchant’s Supported ASCII characters: x20(space), x23(#), x24($), x2A-x3B(*+,-./0-9), x3D(=), x40-x5A(@A-Z), x5E(^), x5F(_), x61-x7A(a-z)
url	character	300	no	Merchant’s server URL where the tool sends through the response in case of successful payment.
description	character	255	no	Purchase description. Field content is transferred to the 3D system for the authentication of cardholder through the Access Control Server of the issuing Bank. Field must contain only ASCII characters within the range 0x20 – 0x7E.
merchantData	character	255	no	Any merchant’s data returned to the merchant in the response in the unchanged form – only “whitespace” characters are removed from both sides. The field is used to satisfy various demands of the e-shops. The field may only contain ASCII characters ranging from 0x20 to 0x7E. If it is necessary to transmit any other data, BASE64 encoding must be used. The field must not contain any personal data.

				The resulting length of the data must not exceed 255 B.
fastPayId	numerical	15	no	Unique ORDERNUMBER/paymentNumber which has been used in the past and should serve as a basis for the auto fill of the card number. The initial payment should be paid and must be not older than 12 (18) months because it could be automatically deleted from the system.
defaultPayMethod	character	255	no	The value of determining preferred payment method. Supported values: Annex no. 10 – List of values for the "defaultPayMethod" and "payMethods" fields
payMethods	character	2000	ne	List of allowed payment methods. Values are separated by comma ",". Supported values: Annex no. 10 – List of values for the "defaultPayMethod" and "payMethods" fields
email	character	6-255	yes	Customer e-mail – used in FDS (Fraud Detection System)
merchantEmail	character	6-255	no	Merchant's email where the tool sends through the response in case of successful payment.
paymentExpiry	date		yes	The maximum validity of the link is limited by tool settings (currently 90 days). The shorter validity could be specified. After the specified date the status changes from OUTSTANDING PUSH payment to EXPIRED PUSH payment. Date format: YYYY-MM-DD, example. 2016-01-10
language	character	2	no	Value specifies automatic language selection on the payment page.
registerRecurring	logical	1	no	Information about a request for registration of "master" recurring payment Supported values: true/false **It is not possible to use "registerRecurring" flag and "registerToken" flag at the same. It can be use only one of them or none.**
registerToken	logical	1	no	Indicate whether the order should be used for token registration for token payment feature. Values: true/false **It is not possible to use "registerRecurring" flag and "registerToken" flag at the same. It can be use only one of them or none.**
cardHolderData			no	Composite type
cardholderDetails			no	Composite type
name	character	2-45	yes	Card holder's name – name and surname, UTF-8 encoding
loginId	character	255	no	LoginID into e-shop
loginType	numerical	2	no	Mechanism used by the Cardholder to authenticate to the e-shop. Values: • 01 = No merchant authentication occurred (i.e. cardholder "logged in" as guest) • 02 = Login to the cardholder account at the merchant system using merchant's own credentials • 03 = Login to the cardholder account at the merchant system using federated ID • 04 = Login to the cardholder account at the merchant system using issuer credentials • 05 = Login to the cardholder account at the merchant system using third-party authentication • 06 = Login to the cardholder account at the merchant system using FIDO Authenticator • 07–79 = Reserved for EMVCo future use (values invalid until defined by EMVCo) • 80–99 = Reserved for DS use
loginTime	numerical	12	no	Date and time in UTC of the cardholder authentication. Format: YYYYMMDDHHMM
userAccountId	character	64	no	User account ID in the e-shop system
	numerical	8	no	Date that the cardholder opened the account with the merchant.

userAccountCreatedDate				Format: YYYYMMDD
userAccountAge	numerical	2	no	Length of time that the cardholder has had the account with the merchant. Values: • 01 = No account (guest check-out) • 02 = Created during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
userAccountLastChangeDate	numerical	8	no	Date that the cardholder's account with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Format: YYYYMMDD
userAccountLastChangeAge	numerical	2	no	Length of time since the cardholder's account information with the merchant was last changed, including Billing or Shipping address, new payment account, or new user(s) added. Values: • 01 = Changed during this transaction • 02 = Less than 30 days • 03 = 30−60 days • 04 = More than 60 days
userAccountPasswordChangeDate	numerical	8	no	Date that cardholder's account with the merchant had a password change or account reset. Format: YYYYMMDD
userAccountPasswordChangeAge	numerical	2	no	Indicates the length of time since the cardholder's account with the merchant had a password change or account reset. Values: • 01 = No change • 02 = Changed during this transaction • 03 = Less than 30 days • 04 = 30−60 days • 05 = More than 60 days
socialNetworkId	character	255	no	LoginID into e-shop if used login via social network (Facebook, Google ...)
email	character	255	yes	Card holder's e-mail
phoneCountry	character	3	no	Phone country code (format 3 digits - 420)
phone	character	15	no	Card holder's phone number – digits only
mobilePhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
mobilePhone	character	15	no	Card holder's phone number – digits only
workPhoneCountry	character	3	no	Phone country code (format 3 digits - 420)
workPhone	character	15	no	Card holder's phone number – digits only
clientIpAddress	character	255	no	Card holder's e-mail IP address
addressMatch	character	1	no	Indicates whether the Cardholder Shipping Address and Cardholder Billing Address are the same. Values: • Y = Shipping Address matches Billing Address • N = Shipping Address does not match Billing Address
billingDetails			no	Composite type – billing address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality

postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	6-255	no	E-mail
shippingDetails			no	Composite type – shipping address
name	character	255	yes	Name
address1	character	50	yes	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	yes	City/town/municipality
postalCode	character	16	yes	Postal code / ZIP
country	character	3	yes	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2
phone	character	20	no	Phone number
email	character	255	no	E-mail
method	character	6-255	no	Delivery method personal pick-up, courier, electronic delivery …
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.6.2.2 Format of the response

Response	**paymentLinkResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
paymentNumber	character	15	yes	Field content from the Request.
paymentLink	character		yes	PUSH payment URL link
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.6.2.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:createPaymentLink>
         <v1:paymentLinkRequest>
            <type:messageId>20160111153402072</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>20160111153402</type:paymentNumber>
            <type:amount>100</type:amount>
            <type:currencyCode>203</type:currencyCode>
            <type:captureFlag>1</type:captureFlag>
            <type:paymentExpiry>2016-01-10</type:paymentExpiry>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:paymentLinkRequest>
      </v1:createPaymentLink>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:createPaymentLinkResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:paymentLinkResponse>
            <ns3:messageId>20160111153402072</ns3:messageId>
            <ns3:paymentNumber>20160111153402</ns3:paymentNumber>
<ns3:paymentLink>https://dev.3dsecure.gpwebpay.com/pgw/pay/gxOFBuTZr0</ns3:paymentLink>
            <ns3:signature>ZwF6AiIQEb+7x1yHGhcDF63Gkn6FCdRVT0lBO1jAg/ …</ns3:signature>
         </ns4:paymentLinkResponse>
      </ns4:createPaymentLinkResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.6.3 revokePaymentLink

Operation `revokePaymentLink` allows the Merchant to cancel the "PUSH" payment link before the payment was completed.

4.6.3.1 Format of the request

Request	**revokePaymentLinkRequest**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination:

				messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
paymentNumber	numerical	15	yes	Ordinal number of the order. Every request from a merchant has to contain a unique order number.
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.6.3.2 Format of the response

Response	**revokePaymentLinkResponse**			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
status	character		no	Letter abbreviation of the main payment status. see PUSH payments
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.6.3.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:revokePaymentLink>
         <v1:revokePaymentLinkRequest>
             <type:messageId>20181108120858414</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1452093247193</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …type:signature>
        </v1:revokePaymentLinkRequest>
      </v1:revokePaymentLink>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <ns4:revokePaymentLinkResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
         <ns4:revokePaymentLinkResponse>
            <ns3:messageId>20181108120858414</ns3:messageId>
            <ns3:status>CA</ns3:status>
            <ns3:signature>Sp5h4mfHwzhntkl2mB0EVF1y0HN0WRY8a2f …</ns3:signature>
         </ns4:revokePaymentLinkResponse>
      </ns4:revokePaymentLinkResponse>
   </soapenv:Body>
</soapenv:Envelope>
```

4.7 Operations with the tokenized payment data

The following operation is only available to merchants participating in the network tokenization program for card schemes.

4.7.1 getCardData

Operation `getCardData` allows you to retrieve information about stored payment data, including card art.

The operation returns values only for cards tokenized through the "Network tokenization" service of card schemes. For other data it returns a "Token not found" error.

Support for this service is provider-specific.

4.7.1.1 Format of the request

Request	cardDataRequest			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	May contain small/upper case letters, numbers, symbols „+“ character „/“ character „=„. This field must be unique in this combination: messageId+provider+merchantNumber+<name of the ws operation> If this condition is not met, the error code PRCODE=80 is returned.
provider	character	4	yes	Identifier of the payment services provider – 4 numbers – see Annex no. 5 – Identifiers of the payment service providers
merchantNumber	character	10	yes	Merchant number assigned by bank.
Identification of stored payment details - ONLY ONE of the following details is required at any time				
masterPaymentNumber	numerical	15	yes	Master payment registered number.
tokenData	character	64	yes	Payment data token – received in registration process
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.7.1.2 Format of the response

Response	cardDataResponse			
Parameter	**Type**	**Length**	**Mandatory**	**Description**
messageId	character	16-256	yes	Field content from the Request.
contentType	character		no	Image/data type in the "data" field
width	numerical		no	Image width
height	numerical		no	Image height
data **NOT PART OF THE SIGNATURE**	character base64		no	Image data (card art)
panMasked	character		no	Masked payment card number (6+4)
expiryMonth	numerical		no	Payment card expiry month
expiryYear	numerical		no	Payment card expiration year
association	character		no	Card scheme
errorDescription	character		no	Description of possible error
signature	character base64	1024	yes	A check signature of the string generated as a concatenation of the fields in the order given in this table. For a description of the algorithm used to generate the SIGNATURE field – see Annex no. 1 – Signing messages

4.7.1.3 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:type="http://gpe.cz/pay/pay-ws/proc/v1/type" xmlns:v1="http://gpe.cz/pay/pay-
ws/proc/v1">
   <soapenv:Body>
      <v1:getCardData>
         <v1:cardDataRequest>
           <type:messageId>20230428160834420</type:messageId>
            <type:provider>0880</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:tokenData>0CC37CCCE3D1FDD2A48671CA8 …</type:tokenData>
            <type:signature>hkujDOJPHFL7ChZL96a/8lKpDNIKPLHeT9jl …</type:signature>
         </v1:cardDataRequest>
      </v1:getCardData>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
       <soapenv:Body>
            <ns4:getCardDataResponse xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns="http://gpe.cz/gpwebpay/additionalInfo/response" xmlns:ns2="http://gpe.cz/pay/pay-
ws/core/type" xmlns:ns3="http://gpe.cz/pay/pay-ws/proc/v1/type"
xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1">
                    <ns4:cardDataResponse>
                          <ns3:messageId>20230428160834420</ns3:messageId>
                          <ns3:contentType>image</ns3:contentType>

      <ns3:data>iVBORw0KGgoAAAANSUhEUgAAAMAAAAB4CAYAAACkRf0fAAAAAW9yTlQBz6J3mgAACzFJREFU
eNrt3WuMXGUdx/HvucxtZ/ZeFnqlN6BYtmopFBBpubQUDASskSBGFBoFNL4AXxBF5BINYkKQACWhlRoiQk0gYuSya
aFQBQoEY0upC4XalnYL3fvO7M7tnOOL7Ra2Lu3uzJk9z57n/0n2zWZ28uyZ5/fczjPPMfh/84FVwHJgBpBCiIkrDe
wBWoA1wPYvemEUeBBwAE9+5CeEP86hOh4dqvTG5yr/88AFx4qTECHwEnAJkLcO/eL3wFVBl0qIcTILaACeMxgc828
FzKBLJcQ4coEFFvBz4OygSyPEODOAvMHgrPhLQZdGiAC8ZwB9yFKn0FPaYHB5SAgtycRXaE0CILQmARBakwAIrUkA
hNYkAEJrEgChNQmA0JoEQGhNAiC0JgEQWpMACK1JAITWJABCaxIAoTUJgNCaBEBoTQIgtCYBEFqTAAitSQCE1uygC
6C6KVicQoTpWEzDIolJHAMT6MOlD482HHZSZCdF2nEqWh7LNJhzvE3zNJs5TTaJmEFVdPDHNAwO9Di0dTu0dbvsbi
/y3v4irisHf3wRCcARGrBYQZyLiHMGUU4YYyf5EQ6vkeMVcrSQpR+37DItmBHhitMTXNwcZ/60CLExfGo9Ax6vvZ9
jc2ueDduzbNtbGO9LqjQ5FwgwMVhGnOtJsoSYb+PCfjxeIMtaMrxJbkx/O7nO4saLUqxclGB2kzWmvz2ad/5bYM2m
DOu3DJDJlR/OiU77AFxJFbdRwwz8q2QjeYs899NHC9mjvm56g80tl6b4wXlJohXsn9NZj7WvZLjnb3109+sbBG0Dc
DIRfksd5372rIRxsYkct9FDK8OHIlUxk7tW1vDD85NEKpvFYTrSLnc83csfXu3Xcq6gXQBSmPyMan5EKrAJkAPcSx
/304eLxzknxXj0+npfhzpjtW1vkese7eTdj/WaI2gVgDnYPMUkTqzwcGe0WmN5dlyR5ZrlNRhG+e9XroG8x03runn
yjf6gizJutAnAQqL8mUYaFLn1YdgeNUs6icwukF8wCTepzoLcQxsy3PpUD0Un/FVDiwAsI84aGqhCgWYWMOMuNRd2
YE/KD/7CMimc1ohTN77zkaN59p0s16zuDH0I1GgOK+hqkjxOozqVP+JRu7z9s8oP4LhEtrVj9uRLf2OfXb4wztpV9
ZimGtetUkIdgEtJ8AB1ioz4wTCh5oIOrPoRJpquR/TdDsz+YtDFPOzbixM88v06DBUmKBViAXcEXYhKaCbKEzQSUa
TlB6j5eheR6Ue5D+B6WB1ZnKYqsNQo95dnRMjkPN7YqU7v5KdQ9gApTNYpNOYHiM/tJzprFKsrOYfI+91BF3eYu1b
WsHCmOvMTP4UyAHdTW/E7u2NhVTukzuwZ9evNjgHs/Zmgi32YbcHjNzSQioevuoTuP1pKnO9SFXQxhqk+pwsiY9tu
YH/Ui5FXZ4vC7CaLu79VE3QxfBeqAJgY3EVt0MUYJjY9i33C2DbCAeC42Lt6gy7+MKuWJJnVpM79Cj+EKgDfoYpTF
drhbRiQPL30Smx90o+ZVmdrgm3Br64MVy8QmgCYGPyU6qCLMUxs5gBmbRkV2POw9/QF/W8Mc9XiBAtmRIIuhm9CE4
BlxJml0MQXID6v/Ims2Z5Vai4AcOOF4XmuemgCcB3JoIswjN1QwG4qYex/JM/DblNnRQjgm4sSxCPqLDGXIxQBqMd
kCbGgizFMfI5/OyrNA2rtzqxJGFz21UTQxfBFKALwDRKKDX4gOtWH1v8QI1tUaosEwNVnSwCUsVSx1t+qdsqb/I7A
7MyW/yY+OveUWCg2yoUiAIsVC0Bksn+t/xCzy//3LEd13GDeZHWWnEs14QMwDXvMR5dUml3v/9q9SvcDhpwxe+LvD
1Kr5pRgrkI3vobYdRWorHkHo6jWl1MkAAqYqWAArNrKTFiNfrV6gan1qi09jN2ED8BU5dZ/wIhV5saVUVDrhlh9Ui
bBgUsqtOcfBr/sjlmhoYpiQ6DG1ISvPhIAvxmRylVSw1GtB5jw1WfiB0CtNlHFAlVOGA6Sm/AByChW47xC5Xokz1b
r4+rKqNUjlUKtK1qCtA/Hj/vJcwxwKxQCS62Pq1MCELx9FX4gRSm8bGUuqxdV6+PqSksAArcLtTaJARR7KvGFEQMv
```

```
odY9j90d6jU+YzXhA/CBggFwuipQUeMWnq3WitdbH038s4ImfAAO4PCxYsOgYpf/PYCbVO9riG9+KAFQwpuo9UEU2
vzfnerWq7XjtSvjsfMT9XrfsQpFADag1l55J2Ph+NwLuA3xoP+tYTbtUGt7dqlCEYAXyKLWNjHI7/OvwnpVEdyEWn
uennhdra9plioUAejDZaNivUBup3+n0zknqHXSXUfa5cVtal3vUoUiAABrUevkhGKP7c9cwDSUC8D6LQMUFNuYV6r
QBGATWVoVWxLN/qf883Pc4xJ4EXU+JseF1RvVamzKoc6V9cF9qHWKWn5PHKezjMmwaVA8Ua3T7v64uZ8PDqg24ypd
qALwDAP8S6HpsAdk3i79sF5nchJXobu/2QL8+lm1DuwtV6gC4OHxS0Z/Dv94yLfFKHxcwoqQbSrX+j/QkmZ/l1o3H
csVqgAAbCHHI4pNiNOv1+HlxnapCyfVKTX237q3wG9C1vpDSB+TGsdgI02crNAX5mMnDlC9tHNUr3WPryI/rz7oIh
82kPc4+86DtLYVOGtuDAMoOB5v71LrDnwp1GlifJTF41o66VEo27ndCbKtxz7A16uKUJhbF3Rxh7n5iR5a2wbnVrv
bizRWm6Rz6lzbcoSyBxhyHnHW06jMuRGGATXndxKZPjDyC2IWua8chxdXpcRw3/NpfvEXteZVfgplDzDkVbJcRyeq
7FrxPOh9pZ7iwREOlLJN8s2TlKr8qzdmQl35IeQ9wJDFxPgTjdQqcoKEGfGoPr/jszNEoxb55kbclDpbntdt7uemd
d14XrirhxYBADiFCOtpZIoiAyLDhNTXuoieVqDQ3IirSMvveXDH07387rl06Cs/hHwI9HmtFFjBQd5TZLuE58KGLQ
nu2Rsla6tR+TszLpfd18G9f+/TovKDRj3AkAgGN5LiFqoDe5L8AB6308s60gDMmxJh7ap6Fs4Mbgi0aUeOGx7rZne
7Gg3EeNEuAEOmYHE3tVzO+D7p5BkGuJNe9h3RE9mWwc0rUtxyaTU1ifEL5q6DDrc+1cOz7wyU/2YTkLYBGLKEOLdT
wwIq2/q2kOV+0rx1jDWp2iqTH1+U4ifLUhU9fHZfl8vDG9I8tCFNrqBvFdA+AEPOJMb1JFlB3Leh0UFc/soAj5Hh/
TFu0qtOmFx7bhUrz0xw1hx/zuH3PHhxW441mzK8sDWLE4azDcskAThCHIOlxFlGnEVEORV71HFwgH9T4DVyvEyOf5
LD8eHyTqm3uHxhgoub4zRPjzC1fvRrFx9+6vCP1hybW3O8vCMXus1s5ZIAHEMKkznYzMBiGhZJTOIYmAx+FbMPj/0
4fEiRXRTJj8PlrE+anDYtwqwmm2TUoCpmkIgamAZ80uPS1u3Q1u2wu93h016p8EcjARBa0+Y+gBAjkQAIrUkAhNYk
AEJrEgChNQmA0JoEQGhNAiC0JgEQWpMACK1JAITWJABCaxIAoTUJgNCaBEBoTQIgtCYBEFqTAAitSQCE1iQAQmsSA
KE1Ew4dUCmEftImsCfoUggRkD0m0BJ0KYQISIsBzAe2IvMBoRcXWGAC24HVQZdGiHG2Gtg+dO5rFHgeuCDoUgkxDl
4CLgHyQ8/mcYAngQZgESjyNDkh/OUCDwPfA/IwckWfD6wClgMzgFTQpRaiDGkGVzpbgDUMDvkP+x9zjb2Rzlc+OgA
AAABJRU5ErkJggg==</ns3:data>
                        <ns3:panMasked>516844******3962</ns3:panMasked>
                        <ns3:expiryMonth>3</ns3:expiryMonth>
                        <ns3:expiryYear>2025</ns3:expiryYear>
                        <ns3:association>MC</ns3:association>
                        <ns3:signature>KV4B0IEMXV84Ec1giDxXrHgNGE …</ns3:signature>
                    </ns4:cardDataResponse>
                </ns4:getCardDataResponse>
            </soapenv:Body>
</soapenv:Envelope>
```


4.8 Errors while processing the WS requests

If during the processing of the WS request an error occurs the tool sends back XML within the response, e.g. SOAP fault error with information about the origin of the problem.

The server returns an HTTP 500 error code. It is always necessary to interpret this value on the basis of the values primaryReturnCode and secondaryReturnCode – see Annex no. 2 – List of Return Codes.

Common causes of unsuccessful processing:

- Request could not be processed – the Merchant is not found;
- Request could not be processed – an illegal operation;
- Request could not be processed – wrong signature data;
- Request could not be processed – XXX element does not contain the required type;
- Request could not be processed – XXX element does not contain the required length;
- Request could not be processed – XXX element does not contain the required value;
- Request could not be processed – technical problems.

4.8.1 General error

If the server is unable to process the request – e.g. an unknown method request the tool returns an "Internal Error".

4.8.1.1 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getPaymentStatus>
         <v1:paymentStatusRequest>
            <type:messageId>4654sd6f4as654f6as54ffazth4</type:messageId>
            <type:provider>9203</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:paymentStatusRequest>
      </v1:getPaymentStatus>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <soapenv:Fault xmlns:axis2ns1="http://schemas.xmlsoap.org/soap/envelope/">
         <faultcode>axis2ns1:Server</faultcode>
         <faultstring>Internal Error</faultstring>
         <detail/>
      </soapenv:Fault>
   </soapenv:Body>
</soapenv:Envelope>
```

4.8.2 Wrong message format

If the message is sent with the wrong parameter name, the tool returns information about wrong message format (the example below shows the request with the original parameters of the new interface).

4.8.2.1 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:createPaymentLink>
         <v1:paymentLinkRequest>
             <type:messageId>GPE+9999999006+9999999006002</type:messageId>
             <type:acquirer>9203</type:acquirer>
             <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
             <type:orderNumber>9999999006002</type:orderNumber>
             <type:amount>1000</type:amount>
             <type:currencyCode>203</type:currencyCode>
             <type:depositFlag>0</type:depositFlag>
             <type:email>vkerka@gpe.cz</type:email>
             <type:orderExpiry>2016-02-21</type:orderExpiry>
             <type:signature>ZhlQuSKYa3rI7zoCU3t8c/…</type:signature>
        </v1:paymentLinkRequest>
      </v1:createPaymentLink>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <soapenv:Fault>
         <faultcode>soapenv:Server</faultcode>
         <faultstring>Invalid message format</faultstring>
         <detail>
            <ns4:serviceException xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1"
xmlns:axis2ns1="http://gpe.cz/gpwebpay/additionalInfo/response">
               <ns3:messageId>1180753486841189140</ns3:messageId>
               <ns3:primaryReturnCode>7</ns3:primaryReturnCode>
               <ns3:secondaryReturnCode>0</ns3:secondaryReturnCode>
               <ns3:signature>C4gNt4rss80hmHUIoXomhnqSXnWc5 …</ns3:signature>
            </ns4:serviceException>
         </detail>
      </soapenv:Fault>
   </soapenv:Body>
</soapenv:Envelope>
```

4.8.3 Wrong field content

If the message is sent with the wrong data, the tool returns information about wrong message format with value based on the basis of the primaryReturnCode and secondaryReturnCode.

4.8.3.1 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getPaymentDetail>
         <v1:paymentDetailRequest>
            <type:messageId>jhsgfAA456465465ads</type:messageId>
            <type:provider>0101</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:paymentDetailRequest>
      </v1:getPaymentDetail>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <soapenv:Fault>
         <faultcode>soapenv:Server</faultcode>
         <faultstring>Other problem</faultstring>
         <detail>
            <ns4:serviceException xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1"
xmlns:axis2ns1="http://gpe.cz/gpwebpay/additionalInfo/response">
               <ns3:messageId>20151222110340522</ns3:messageId>
               <ns3:primaryReturnCode>11</ns3:primaryReturnCode>
               <ns3:secondaryReturnCode>0</ns3:secondaryReturnCode>
               <ns3:signature>ChSuTc9KMPY7z0HxZ3x1rDyNTHEIc5I …</ns3:signature>
            </ns4:serviceException>
         </detail>
      </soapenv:Fault>
   </soapenv:Body>
</soapenv:Envelope>
```

4.8.4 Wrong signature

In case of incorrect signature, the server except for an error code also returns the string based on the signature verification – e.g. „<faultstring>Signature not match: 20151222102114903|0100|XXXXXXXXX|1</faultstring>“

4.8.4.1 Example of a request and response

Request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:v1="http://gpe.cz/pay/pay-ws/proc/v1" xmlns:type="http://gpe.cz/pay/pay-
ws/proc/v1/type">
   <soapenv:Header/>
   <soapenv:Body>
      <v1:getPaymentDetail>
         <v1:paymentDetailRequest>
            <type:messageId>20151222102114903</type:messageId>
            <type:provider>0100</type:provider>
            <type:merchantNumber>XXXXXXXXX</type:merchantNumber>
            <type:paymentNumber>1</type:paymentNumber>
            <type:signature>ZhlQuSKYa3rI7zoCU3t8c/ …</type:signature>
         </v1:paymentDetailRequest>
      </v1:getPaymentDetail>
   </soapenv:Body>
</soapenv:Envelope>
```

Response

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
   <soapenv:Body>
      <soapenv:Fault>
         <faultcode>soapenv:Server</faultcode>
         <faultstring>Signature not match:
20151222102114903|0100|XXXXXXXXX|1</faultstring>
         <detail>
            <ns4:serviceException xmlns:ns4="http://gpe.cz/pay/pay-ws/proc/v1"
xmlns:ns2="http://gpe.cz/pay/pay-ws/core/type" xmlns:ns3="http://gpe.cz/pay/pay-
ws/proc/v1/type" xmlns:ns5="http://gpe.cz/gpwebpay/additionalInfo/response/v1"
xmlns:axis2ns1="http://gpe.cz/gpwebpay/additionalInfo/response">
               <ns3:messageId>20151222102114903</ns3:messageId>
               <ns3:primaryReturnCode>31</ns3:primaryReturnCode>
               <ns3:secondaryReturnCode>0</ns3:secondaryReturnCode>
               <ns3:signature>NKOZPuHkWlbmxjhEvl8Gye3Jk+ …</ns3:signature>
            </ns4:serviceException>
         </detail>
      </soapenv:Fault>
   </soapenv:Body>
</soapenv:Envelope>
```

5. Annexes and Addenda

5.1 Annex no. 1 – Signing messages

Annex moved to document

„**GP_webpay_Private_key_management_and_Signing_messages_vx.x_CZ/EN.docx**“.

5.2 Annex no. 2 – List of Return Codes

The result of the processing of the request in GP webpay is described as a pair of return codes. If these return codes are different from zero PRCODE describes the type of error. If SRCODE is different from zero it describes the error in detail.

The current list of all return codes can be found in the "Download" section of the GP webpay Portal - https://portal.gpwebpay.com in the document "GP webpay - List of return codes".

Example (HTTP API):

PRCODE=1 SRCODE=8 means that the DEPOSITFLAG field in the request received has been too long. The RESULTTEXT code returned in this case is “Field too long, DEPOSITFLAG”.

5.2.1 PRCODE / primary return code

PRCODE / primaryReturnCode		
Value	**Meaning in Czech**	**Meaning in English**
0	OK	OK
1	Pole příliš dlouhé	Field too long
2	Pole příliš krátké	Field too short
3	Chybný obsah pole	Incorrect content of field
4	Pole je prázdné	Field is null
5	Chybí povinné pole	Missing required field
6	Pole neexistuje	Missing field
11	Neznámý obchodník	Unknown merchant
14	Duplikátní číslo platby	Duplicate order number
15	Objekt nenalezen	Object not found
16	Částka k autorizaci překročila původní částku platby	Amount to approve exceeds payment amount
17	Částka k zaplacení překročila povolenou (autorizovanou) částku	Amount to deposit exceeds approved amount
18	Součet vracených částek překročil zaplacenou částku	Total sum of credited amounts exceeded deposited amount
20	Objekt není ve stavu odpovídajícím této operaci *Info: Pokud v případě vytváření platby (CREATE_ORDER) obdrží obchodník tento návratový kód, vytvoření platby již proběhlo a platby je v určitém stavu – tento návratový kód je zapříčiněn aktivitou držitele karty (například pokusem o přechod zpět, použití refresh…).*	Object not in valid state for operation
25	Uživatel není oprávněn k provedení operace	Operation not allowed for user

26	Technický problém při spojení s autorizačním centrem	Technical problem in connection to authorization center
27	Chybný typ platby	Incorrect payment type
28	*Zamítnuto v 3D* *Info: důvod zamítnutí udává SRCODE*	Declined in 3D
30	*Zamítnuto v autorizačním centru* *Info: Důvod zamítnutí udává SRCODE*	Declined in AC
31	Chybný podpis	Wrong digest
32	Expirovaná karta	Expired card
33	Originální/Master platba není autorizovaná	Original/Master order was not authorized
34	Originální/Master platbu nelze použít pro následné platby	Original/Master order is not valid for subsequent payment
35	Expirovaná session Nastává při vypršení webové session při zadávání karty	Session expired
37	Karta na blacklistu – vydavatel zakázal další použití této karty	Blacklisted card - the issuer has banned further use of this card
38	Nepodporovaná karta	Card not supported
39	Karta na watchlistu – je povoleno max. 15 pokusů během posledních 30 dní	Watchlisted card - max 15 attempts allowed in the last 30 days
40	Zamítnuto ve Fraud detection system	Declined in Fraud detection system
46	Zamítnuto v Transaction analysis system (TRA)	Declined in Transaction analysis system (TRA)
50	Držitel karty zrušil platbu	The cardholder canceled the payment
80	Duplicitní MessageId	Duplicate MessageId
82	V HSM chybí název šifrovacího klíče	HSM key label missing
83	Operace zrušena vydavatelem	Canceled by issuer
84	Duplicitní hodnota	Duplikate value
85	Zakázáno na základě pravidel obchodníka	Declined due to merchant's rules
200	Žádost o doplňující informace	Additional info request
300	Podmíněně zamítnuto – vydavatel požaduje SCA	Soft decline – issuer requires SCA
1000	Technický problém	Technical problem

5.2.2 SRCODE / secondary return code

SRCODE / secondaryReturnCode		
Value	**Meaning in Czech**	**Meaning in English**
0	Bez významu	
If PRCODE is 1 to 5, 15 and 20, the following SRCODE may return		
1	ORDERNUMBER	ORDERNUMBER
2	MERCHANTNUMBER	MERCHANTNUMBER
3	PAN	PAN
4	EXPIRY	EXPIRY
5	CVV	CVV
6	AMOUNT	AMOUNT
7	CURRENCY	CURRENCY
8	DEPOSITFLAG	DEPOSITFLAG
10	MERORDERNUM	MERORDERNUM

11	CREDITNUMBER	CREDITNUMBER
12	OPERATION	OPERATION
14	ECI	ECI
18	BATCH	BATCH
22	ORDER	ORDER
24	URL	URL
25	MD	MD
26	DESC	DESC
34	DIGEST	DIGEST
43	ORIGINAL ORDER NUMBER	ORIGINAL ORDER NUMBER
45	USERPARAM1	USERPARAM1
70	VRCODE	VRCODE
71	USERPARAM2	USERPARAM2
72	FASTPAYID	FASTPAYID
73	PAYMETHOD	PAYMETHOD
83	ADDINFO	ADDINFO
84	MPS_CHECKOUT_ID	MPS_CHECKOUT_ID
86	PAYMETHODS	PAYMETHODS
88	DEPOSIT_NUMBER	DEPOSIT_NUMBER
89	RECURRING_ORDER	RECURRING_ORDER
90	PAIRING	PAIRING
91	SHOP_ID	SHOP_ID
92	PANPATTERN	PANPATTERN
93	TOKEN	TOKEN
95	FASTTOKEN	FASTTOKEN
96	SUBMERCHANT INFO	SUBMERCHANT INFO
97	TOKEN_HSM_LABEL	TOKEN_HSM_LABEL
98	CUSTOM INSTALLMENT COUNT	CUSTOM INSTALLMENT COUNT
99	COUNTRY	COUNTRY
100	TERMINAL INFO	TERMINAL INFO
101	TERMINAL ID	TERMINAL ID
102	TERMINAL OWNER	TERMINAL OWNER
103	TERMINAL CITY	TERMINAL CITY
104	MC ASSIGNED ID	MC ASSIGNED ID
300	Podmíněně zamítnuto – vydavatel požaduje SCA	Soft decline – issuer requires SCA
If PRCODE is 28, the following SRCODE may return		
3000	**Neověřeno v 3D. Vydavatel karty není zapojen do 3D nebo karta nebyla aktivována**. *Info: Ověření držitele karty bylo neúspěšné (neplatně zadané údaje, stornování autentikace, uzavření okna pro autentikaci držitele karty se zpětnou vazbou…).* *V transakci se nesmí pokračovat.*	Declined in 3D. Cardholder not authenticated in 3D. *Note: Cardholder authentication failed (wrong password, transaction canceled, authentication window was closed…).* *Transaction Declined.*
3001	**Držitel karty ověřen.** *Info: Ověření držitele karty v 3D systémech proběhlo úspěšně. Pokračuje se autorizací platby.*	Authenticated *Note: Cardholder was successfully authenticated – transaction continue with authorization.*
3002	**Neověřeno v 3D. Vydavatel karty nebo karta není zapojena do 3D.**	Not Authenticated in 3D. Issuer or Cardholder not participating in 3D.

	Info: V 3D systémech nebylo možné ověřit držitele karty – karta, nebo její vydavatel, není zapojen do 3D. *V transakci se pokračuje.*	*Note: Cardholder wasn't authenticated – Issuer or Cardholder not participating in 3D.* *Transaction can continue.*
Value	**Meaning in Czech**	**Meaning in English**
3004	**Neověřeno v 3D. Vydavatel karty není zapojen do 3D nebo karta nebyla aktivována.** Info: V 3D systémech nebylo možné ověřit držitele karty – karta není aktivována, nebo její vydavatel, není zapojen do 3D. V transakci je možné pokračovat.	Not Authenticated in 3D. Issuer not participating or Cardholder not enrolled. Note: Cardholder wasn't authenticated – Cardholder not enrolled or Issuer or not participating in 3D. Transaction can continue.
3005	**Zamítnuto v 3D.Technický problém při ověření držitele karty.** Info: V 3D systémech nebylo možné ověřit držitele karty – vydavatel karty nepodporuje 3D, nebo technický problém v komunikaci s 3D systémy finančních asociací, či vydavatele karty. V transakci není možné pokračovat, povoleno z důvodu zabezpečení obchodníka před případnou reklamací transakce držitelem karty.	Declined in 3D. Technical problem during Cardholder authentication. Note: Cardholder authentication unavailable – issuer not supporting 3D or technical problem in communication between associations and Issuer 3D systems. Transaction cannot continue.
3006	Zamítnuto v 3D. Technický problém při ověření držitele karty. Info: V 3D systémech nebylo možné ověřit držitele karty – technický problém ověření obchodníka v 3D systémech, anebo v komunikaci s 3D systémy finančních asociací, či vydavatele karty. V transakci není možné pokračovat.	Declined in 3D. Technical problem during Cardholder authentication. Note: Technical problem during cardholder authentication – merchant authentication failed or technical problem in communication between association and acquirer. Transaction cannot continue.
3007	**Zamítnuto v 3D. Technický problém v systému zúčtující banky**. Kontaktujte obchodníka. Info: V 3D systémech nebylo možné ověřit držitele karty – technický problém v 3D systémech. V transakci není možné pokračovat.	Declined in 3D. Acquirer technical problem. Contact the merchant. Note: Technical problem during cardholder authentication – 3D systems technical problem. Transaction cannot continue.
3008	**Zamítnuto v 3D. Použit nepodporovaný karetní produkt.** Info: Byla použita karta, která není v 3D systémech podporována. V transakci není možné pokračovat.	Declined in 3D. Unsupported card product. Note: Card not supported in 3D. Transaction cannot continue.
If PRCODE is 30, the following SRCODE may return		
1001	**Zamitnuto v autorizacnim centru, karta blokovana**[1] *Zahrnuje důvody, které naznačují zneužití platební karty – kradená karta, podezření na podvod, ztracená karta apod.* *Karta je označena jako:*	Declined in AC, Card blocked

[1]Only the bold part in this and the following cells of this column will be included in the RESULTTEXT field (optional field) in a response sent to the merchant. Other text is only the explanation for merchants.

	Ztracená *K zadržení* *K zadržení (speciální důvody)* *Ukradená* *Většinou pokus o podvodnou transakci.*	
1002	**Zamitnuto v autorizacnim centru, autorizace zamítnuta** *Z autorizace se vrátil důvod zamítnutí "Do not honor".* *Vydavatel, nebo finanční asociace zamítla autorizaci BEZ udání důvodu.*	Declined in AC, Declined
1003	**Zamitnuto v autorizacnim centru, problem karty** *Zahrnuje důvody:* *expirovaná karta, chybné číslo karty, nastavení karty - pro kartu není povoleno použití na internetu, nepovolená karta, expirovaná karta, neplatná karta, neplatné číslo karty, částka přesahuje maximální limit karty, neplatné CVC/CVV, neplatná délka čísla karty, neplatná expirační doba, pro kartu je požadována kontrola PIN.*	Declined in AC, Card problem
1004	**Zamitnuto v autorizacnim centru, technicky problem** *Autorizaci není možné provést z technických důvodů – technické problémy v systému vydavatele karty, nebo finančních asociací a finančních procesorů.*	Declined in AC, Technical problem in authorization process
1005	**Zamitnuto v autorizacnim centru, Problem uctu** *Důvody: nedostatek prostředků na účtu, překročeny limity, překročen max. povolený počet použití…*	Declined in AC, Account problem
1012	**Zamitnuto v autorizacnim centru, Karta na blacklistu** *Vydavatel zakázal další použití této karty*	Declined in AC, Blacklisted card *The issuer has banned further use of this card*
1013	**Zamitnuto v autorizacnim centru, Karta na watchlistu** *Je povoleno max. 15 pokusů během posledních 30 dní*	Declined in AC, Watchlisted card *Max 15 attempts allowed in the last 30 days*

If authorization is rejected, the payment gateway receives the return code directly from the card issuer (or from the service provider, or financial association). If the rejected authorization is claimed, the cardholder has to contact his card issuing bank, which responses him directly, or this bank resolves a claim with the bank, which processed the transaction (merchant's bank).

5.3 Annex no. 3 – The list of statuses and sub-statuses - field "status" and "subStatus"

5.3.1 Field „state"

State value	Status	Description
1	REQUESTED	The payment has been successfully received by GP webpay – the system is waiting

		for the filling in form (providing sensitive data) by the card holder.
2	PENDING	If the card holder filled in sensitive data, the request is sent to the 3D system, if the authentication of the card holder is required.
3	CREATED	Waiting for the result of the 3D system. If the card holder cuts off the card data entering, it is the final state of the payment.
4	AUTHORIZED	Result of the card holder's authentication enables continuation. Request for authorization was sent to the authorization centre. Result of the payment authorization is successful.
5	APPROVE_REVERSED	Payment authorization has been invalidated. Authorized financial resources have been unblocked on the side of the card holder.
6	UNAPPROVED	Payment authorization has been unsuccessful, the payment cannot be paid. It is not possible to continue.
7	DEPOSITED_BATCH_OPENED	The payment has been marked to be paid in the course of the following batch processing. It is possible to invalidate capturing of the payment until the batch – in which the payment is included - is closed.
8	DEPOSITED_BATCH_CLOSED	Automatic process of closing batches and transmission of data to financial systems have been done.
9	ORDER_CLOSED	Payment closed. The only possible operation is deletion.
10	DELETED	Payment deleted.
11	CREDITED_BATCH_OPENED	Payment marked to be returned in the course of the following batch processing. It is possible to invalidate return of the payment until the batch – in which the payment is included - is closed. As the batch is closed, it remains in this state. For an payment it is possible to create more credits.
12	CREDITED_BATCH_CLOSED	
13	DECLINED	Card holder's authentication in 3D system result is unsuccessful. Card holder is not authenticated – it is not possible to continue. Payment cannot be deleted.
14	DECLINED_IN_FDS	Payment is declined in the Fraud detection system
20	CANCELLED	Payment is cancelled by the card holder on the payment page.
21	AUTO_CANCELLED	Payment was cancelled automatically by the system. The merchant has not deposited the amount within the requested period.

100	PUSH_CREATED	New PUSH payment created; no attempt to pay has been made. After entering the card number, the status changes to any of the conditions defined above.
101	PUSH_EXPIRED	After some time, the validity of the payment expires and the payment cannot be used for payment.
102	PUSH_CANCELLED	The merchant has possibility to cancel – via GUI - the created payment; e.g. in incorrectly entered parameters.
103	PUSH_BLOCKED	Payment has been blocked automatically after the third unsuccessful attempt for payment.
110	PUSH_PROCESSED	Payment has been used/authorized/processed already.
200	WAIT_FOR_FINALIZE	Response with request for information completion has been sent to the customer – e.g. change of the amount after getting address from the wallet.
201	ABANDONED	The merchant has not completed payment from wallet within requested period. The payment has been invalidated automatically.
210	AUTO_CANCELLED	Automatically cancelled “authorized” payment after expiration of the 30-day period. Payment can be only deleted.
211	AUTO_CLOSED	Automatically closed “processed” or “credited” payment after the expiry of 6-month period. Payment can be only deleted.
220	REC_CREATED	Master payment is created in the system.
221	REC_VALID	Master payment goes to this state when it is processed in the extract. Only to payments in this state, it is possible to generate subsequent recurring payments. This state will return after deletion of information on the processed payment.
222	REC_CANCEL_MERCHANT	Master payment abrogated by the merchant. Used at automatic generation of payments in the GP webpay system according to a timetable defined by the merchant.
223	REC_CANCEL_ISSUER	Cancelled on the basis of token 04 – request by the issuing bank.
224	REC_EXPIRED	If a new payment is not created on the basis of the master payment for more than a year, then the master payment changes its status to EXPIRED.
1000	TECHNICAL_PROBLEM	Unspecified status – technical problem

5.3.2 Standard payment

Value	Status	Description
PA	PENDING_AUTHORIZATION	The newly established payment order came through any inbound channel, which could be completed successfully. Within PUSH payments is about to the expiration date or depletion. Other payments is about to the session expiration.

Value of sub-status	Description
INITIATED	There was a successful submission of a payment request. Payment details were stored within the tool and Customer was redirected to the payment gateway for payment card

	input details.
PGW_PAGE	The payment gateway has been displayed to the Customer.
3DS_REDIRECT	The user's request was redirected to MPI (for 3D verification) and waits for the response.
3DS_SUBMIT	The user's request returned from MPI (3D verification).
PAYMENT_REDIRECT	The payment gateway has a valid payment card number and it's not required to verify the card within the 3DS. The Customer were redirected to the payment authorization.
MPS_SCH_REDIRECT	The Customer were redirected to MasterPass for a standard checkout.
MPS_SCH_SUBMIT	Successful response from MasterPass and redirection to the standard checkout.
MPS_SCH_CANCEL	Return from MasterPass without selection of a payment card.
DEFERRED_SUBMIT	Sending data for completion of the deferred authorization.

UP	UNPAID	Every unpaid payment order is a payment which was not successfully authorized due to technical reasons, rejection by the MPI (3D verification), and rejection by FDS (Fraud Detection System) or AC (Authorization Centre), or the Customer left payment gateway page and returned back to the eShop without completion.

Value of sub-status	Description
CANCELED	The Customer at the payment gateway selects return to the merchant's e-Shop.
TECHNICAL_PROBLEM	A technical error prevented the completion of a payment request.
FRAUD	Potential fraud.
DECLINED	Rejected in AC or elsewhere.

PC	PENDING_CAPTURE	The authorized / approved payment request. The funds were successfully blocked on the cardholder's account. It has not yet created any request to charge the amount (capture) from cardholder's account.
RE	REVERSED	The canceled payment request - either manually (via GUI or WS) directly by a Merchant or by the system upon the expiration period of withdrawing the amount (capture) from PENDING_CAPTURE status.

Value of sub-status	Description
REVERSED_BY_MERCHANT	Payment request was canceled by a Merchant (via GUI or WS).
REVERSED_BY_SYSTÉM	Automatically canceled - unless the withdrawing of blocked amount from cardholder's account (capture), currently 30 days after successful authorization (blockage of the cardholder's funds).

CA	CAPTURED	The full deposit exists for payment order regardless whether it has already been processed or it has been waiting for processing and still could be canceled.

Value of sub-status	Description
PENDING_CAPTURE_ SETTLEMENT	Request for withdrawing the amount from the cardholder's account were created and waiting for its processing.
SENT_TO_SETTLEMENT	Request for withdrawing the amount from cardholder's account were processed.
SETTLED	Clearing the last operation on Merchant's account.

PJ	PENDING_ADJUSTMENT	AFD (Automated fuel dispenser) – the system is waiting for the exact transaction

		amount.

Value of sub-status	Description
DEFERRED_REDIRECT	Returning to the Merchant's e-shop to enter the final amount.

PP	PARTIAL_PAYMENT	Partial payment – the amount has not been fully blocked or the transaction were partially refunded back to the cardholder's account.

Value of sub-status	Description
PENDING_CAPTURE_ SETTLEMENT	Request for withdrawing the amount from the cardholder's account were created and waiting for its processing.
PENDING_REFUND_ SETTLEMENT	The tool received a request for reimbursement the amount to cardholder's account and waits for its processing.
SENT_TO_SETTLEMENT	Request for the withdrawing the amount from the cardholder's account were processed.
SETTLED	Clearing the last operation on Merchant's account.

RF	REFUNDED	Completely returned payment to the cardholder's account – the amount was returned to the cardholder's account.

Value of sub-status	Description
PENDING_CAPTURE_ SETTLEMENT	Request for withdrawing the amount from the cardholder's account were created and waiting for its processing.
PENDING_REFUND_ SETTLEMENT	The tool receives a request for reimbursement to the cardholder's account and waiting for its processing.
SENT_TO_SETTLEMENT	Request for withdrawing the amount were created and waiting for its processing.
SETTLED	Clearing the last operation on Merchant's account.

5.3.3 PUSH payments

Value	Status	Description
CR	CREATED	The payment order were created through the GUI or WS.
EX	EXPIRED	The payment order has been expired.
CA	CANCELED	The payment order has been canceled by the Merchant within the GUI.
BL	BLOCKED	The payment order has been blocked due to exceeding PUSH payment attempts.
PR	PROCESSED	The payment order has been processed.

5.3.4 Recurring payments – master payment

Value	Status	Description
CR	CREATED	The payment order has been created and waiting for authorization.
PS	PENDING_SETTLEMENT	The payment order has been send for processing – authorized.
OK	VALID	The payment order has been processed and it is possible to perform a subsequent

		payment.
CM	CANCELED_BY_MERCHANT	The payment order has been canceled by the Merchant.
CI	CANCELED_BY_ISSUER	The payment order has been canceled by the card issuer.
CC	CANCELED_BY_CARDHOLDER	The payment order has been canceled by the cardholder.
EC	EXPIRED_CARD	Payment card has been expired.
EP	EXPIRED_NO_PAYMENT	The payment order has been expired - there have been no subsequent payment for 1 year.

5.3.5 Token status

Stav	Popis
ISSUED	Token created and in verification process
VERIFIED	Payment successful or verified and the token can be used for the subsequent payments
REVOKED	Token was revoked by merchant
EXPIRED	Token expired – payment card expired
DECLINED	Payment card unverified – unsuccessful payment
CANCELED_BY_ISSUER	Token was revoked by issuer

5.4 Annex no. 4 – List of payment methods

Payment method	Description
PGW	Payment via payment card has been entered at the payment gateway.
WNW	Payment via payment card has been registered at the MasterCard mobile wallet.
FST	The Fastpay service were used during payment order.
MCH	The Merchant has sent through the payment data.
REC	Recurring payment were made through WS.
PWS	Standard payment were made through WS.
MWS	Standard payment were made through WS – MOTO payment.
MPD	Payment were made through registered card within MasterPass system – payment was initiated at the Merchant's e-shop.
MPP	Payment were made through registered card within MasterPass system – payment was initiated at the payment gateway.
CVR	Card verification
TWS	Webservice payment using registered payment token.

TRG	WS token registration
GPP	Payment were made through registered card within GooglePay system – payment was initiated at the payment gateway.
GPD	Payment were made through registered card within GooglePay system – payment was initiated at the Merchant's e-shop.
APP	Payment were made through registered card within ApplePay system – payment was initiated at the payment gateway.
APD	Payment were made through registered card within ApplePay system – payment was initiated at the Merchant's e-shop.
SOFORTP	Payment were made within Sofort system – payment was initiated at the payment gateway.
SOFORTD	Payment were made within Sofort system – payment was initiated at the Merchant's e-shop.
EPSP	Payment were made within EPS system – payment was initiated at the payment gateway.
EPSD	Payment were made within EPS system – payment was initiated at the Merchant's e-shop.
PSAFECP	Payment were made within Paysafe card system – payment was initiated at the payment gateway.
PSAFECD	Payment were made within Paysafe card system – payment was initiated at the Merchant's e-shop.
SEPADDP	Payment were made within SEPA direct debit system – payment was initiated at the payment gateway.
SEPADDD	Payment were made within SEPA direct debit system – payment was initiated at the Merchant's e-shop.
PAYPALP	Payment were made within PayPal system – payment was initiated at the payment gateway.
PAYPALD	Payment were made within PayPal system – payment was initiated at the Merchant's e-shop.
COF3D	3D payment were made within payment page using saved payment information (extended Fastpay)
APM methods	
APM – Czech Republic	
Česká spořitelna	BCCSP – payment was initiated at the payment gateway. BCCSD – payment was initiated at the Merchant's e-shop.
Komerční banka	BCKBP – payment was initiated at the payment gateway. BCKBD – payment was initiated at the Merchant's e-shop.
ČSOB CZ	BCOBP – payment was initiated at the payment gateway. BCOBD – payment was initiated at the Merchant's e-shop.
Raiffesenbank	BCRBP – payment was initiated at the payment gateway. BCRBD – payment was initiated at the Merchant's e-shop.
mBank	BCMBP – payment was initiated at the payment gateway. BCMBD – payment was initiated at the Merchant's e-shop.
Fio banka	BCFIP – payment was initiated at the payment gateway.

	BCFID – payment was initiated at the Merchant's e-shop.
Moneta Bank	BCMOP – payment was initiated at the payment gateway. BCMOD – payment was initiated at the Merchant's e-shop.
Air Bank	BCAIP – payment was initiated at the payment gateway. BCAID – payment was initiated at the Merchant's e-shop.
APM – Austria	
EPS	BAEBP – payment was initiated at the payment gateway. BAEBD – payment was initiated at the Merchant's e-shop.
APM – Slovak Republic	
Slovenská sporiteľňa	BSSSP – payment was initiated at the payment gateway. BSSSD – payment was initiated at the Merchant's e-shop.
Tatra Banka	BSTBP – payment was initiated at the payment gateway. BSTBD – payment was initiated at the Merchant's e-shop.
VÚB banka	BSVBP – payment was initiated at the payment gateway. BSVBD – payment was initiated at the Merchant's e-shop.
ČSOB SK	BSOBP – payment was initiated at the payment gateway. BSOBD – payment was initiated at the Merchant's e-shop.
Prima banka	BSPRP – payment was initiated at the payment gateway. BSPRD – payment was initiated at the Merchant's e-shop.

5.5 Annex no. 5 – Identifiers of the payment service providers;

Provider ID	Provider name
0100	Cataps, s.r.o. (KB SmartPay)
0110	Cataps, s.r.o. (KB SmartPay) / Worldline
0300	Československá obchodní banka, a.s.
0870	Global Payments s.r.o. – RO
0880	Global Payments s.r.o. – CZ
0902	Global Payments s.r.o. – SK
0910	Global Payments s.r.o. – AT
1111	UniCredit Bank Czech Republic and Slovakia, a.s. – SK
2702	UniCredit Bank Czech Republic and Slovakia, a.s. – CZ
5501	EVO Payments International s.r.o. (REVO)

6500	Poštová banka, a.s.
7500	Československá obchodná banka, a.s.
8470	Global Payments Malta
9203	Global Payments Europe, s.r.o. – CZ
9348	Global Payments Europe, s.r.o. – HU

5.6 Annex no. 6 – Number of months before the automatic payment closure

Provider name	Number of months
Cataps, s.r.o. (KB SmartPay)	6
Československá obchodní banka, a.s.	6
Československá obchodná banka, a.s.	6
EVO Payments International s.r.o. (REVO)	6
UniCredit Bank Czech Republic and Slovakia, a.s.	13
Global Payments s.r.o.	13
Global Payments Europe, s.r.o.	13

5.7 Annex no. 7 – Maximal length of orderNumber field

Maximal length of orderNumber for particular banks as displayed in reports devoted for merchants:

Bank	Max. number of digits in orderNumber displayed in the bank's report
Komerční banka	16
ČSOB CZ	
Raiffeisen bank	10
UniCredit bank	12
ČSOB SK	
ČSAS	

5.8 Annex no. 8 – Descriptive WSDL

WSDL file can be found in the "Download" section of the GP webpay Portal - https://portal.gpwebpay.com.

5.9 Annex no. 9 – Mandatory PSD2 data from the point of view of card schemes

Card schemes require the mandatory transmission of the data below for each card payment with the main goal of supporting the purchasing process as much as possible without interruption by

authentication steps on the part of the issuer bank by applying the TRA (Transaction Risk Analysis) exception:

- Cardholder Name
- Email address **AND/OR** Home/Mobile/Work Phone Number[2]

This does not in any way affect the requirement to send the widest possible set of data that can be used for 3D authentication/verification in the Fraud Detection System of the cardholder - see the entire sections of the fields "cardHolderData", "paymentInfo", "shoppingCartInfo".

The data is not technically enforced in the XSD template, but is required by the card schemas. If some data is not available, it is not possible to use "made up" data and it is not possible to send a field blank (check for minimum length) - the field will not be sent at all.

This information will be refined according to further requirements of the card schemes.

It is necessary to correctly fill the structure of the `<cardHolderData>` element:

Parameter	Type	Length	Mandatory	Description
cardHolderData			yes	Composite type
cardholderDetails			yes	Composite type
name	character	2-45	yes	Card holder's name – name and surname, UTF-8 encoding
email	character	255	yes/no	Card holder's e-mail
Co-linked type	The object consists of multiple elements. It is always necessary to disable either all elements marked as bound or none. **It is not possible to fill only some of them, even if they are marked as optional.**			
phoneCountry	character	3	yes/no[2,3]	Phone country code (format 3 digits - 420)
phone	character	15	yes/no[2,3]	Card holder's phone number – digits only
Co-linked type				
mobilePhoneCountry	character	3	yes/no[2,3]	Phone country code (format 3 digits - 420)
mobilePhone	character	15	yes/no[2,3]	Card holder's phone number – digits only
Co-linked type				
workPhoneCountry	character	3	yes/no[2,3]	Phone country code (format 3 digits - 420)
workPhone	character	15	yes/no[2,3]	Card holder's phone number – digits only
billingDetails			no	Composite type – billing address
name	character	255	no	Name
address1	character	50	no	Street – 1. line
address2	character	50	no	Street – 2. line
address3	character	50	no	Street – 3. line
city	character	50	no	City/town/municipality
postalCode	character	16	no	Postal code / ZIP

[2] It is necessary to fill in an e-mail or at least one phone number. If both data exist, it is advisable to send both
[3] If phone number is filled in, the phone country code must be provided, too.

country	character	3	no	Country List: ISO 3166-1
countrySubdivision	character	3	no	Country subdivision List: ISO 3166-2

5.10 Annex no. 10 – List of values for the "defaultPayMethod" and "payMethods" fields

Description	Value for field „PAYMETHOD“, „PAYMETHODS“
Payment card	CRD
GooglePay	GPAY
ApplePay	APAY
PAYPAL	PAYPAL
Click To Pay	CTP
All available merchant APM payment methods	APM-BTR
APM – Czech Republic	
Česká spořitelna	APM-BCCS
Komerční banka	APM-BCKB
ČSOB CZ	APM-BCOB
Raiffesenbank	APM-BCRB
mBank	APM-BCMB
Fio banka	APM-BCFI
Moneta Bank	APM-BCMO
Air Bank	APM-BCAI
QR platba (its availability has to be verified)	APM-BCQR
APM – Austria	
EPS	APM-BAEB
APM – Slovak Republic	
Slovenská sporiteľňa	APM-BSSS
Tatra Banka	APM-BSTB
VÚB banka	APM-BSVB
ČSOB SK	APM-BSOB
Prima banka	APM-BSPR
QR platba (Pay By Square) (its availability has to be verified)	APM-BSQR
Support for the following methods will be reduced / terminated	
Platba24 (Česká spořitelna)	*BTNCS*
Sofort	*SOFORT*
EPS	*EPS*
PAYSAFECARD	*PAYSAFECARD*
SEPADIRECTDEBIT	*SEPADIRECTDEBIT*
KLARNA	*KLARNA*