comgate

ComGate Payments Protocol Specification

Introduction

Protocol Version: 2.3
Last update: 2017/04/25

All below stated information is considered the copyrighted work of ComGate Payments, a.s., and the business secret of ComGate Payments, a.s. Therefore, thank you for the discreet and correct treatment of the information stated in this document.

Technical contact ComGate Payments

Email: support@comgate.cz   GSM: +420 737 264 610

Document purpose

ComGate Payments system provides different payment methods to the Client. The document shows how to integrate merchant's web site with ComGate Payments system. The intended audience is software developer.

Functionality

ComGate Payments provides payment solution for merchants' web sites. On merchant's side the solution is easy to integrate, platform a programming language independent. Standard SOAP protocol is used for communication between merchant and ComGate Payments. Customer is redirected from merchant's site to ComGate Payments and then back to merchant's site using standard HTTP redirects.

Glossary

Customer	End user who visits merchant's web site, orders goods and/or service and pays for it
Merchant	Merchant operates web site where customers order goods and/or service
Payment provider	Mobile operator in case of web billing (mobile payment), bank in case of credit card
Payment method	Web billing (mobile payment), credit card, bank payment
ComGate Payments	Payment solution integrating more payment methods for merchants

Technologies used

WSDL 1.1
    Web Services Description Language (WSDL) 1.1; W3C Note, 15 March 2001;
    http://www.w3.org/TR/wsdl
SOAP Envelope 1.2
    SOAP Version 1.2; W3C Recommendation, 27 April 2007; http://www.w3.org/TR/soap12/
HTTP 1.1 – SOAP transport layer
    Hypertext Transfer Protocol – HTTP/1.1; RFC2616, June 1999; http://tools.ietf.org/html/rfc2616
SSL3/TLS (HTTPS) - Security
    The TLS Protocol Version 1.0; RFC 2246, January 1999; http://tools.ietf.org/html/rfc2246
    HTTP Over TLS; RFC 2818, May 2000; http://tools.ietf.org/html/rfc2818
TCP/IP – Transport layer
    INTERNET PROTOCOL; RFC 791, September 1981; http://tools.ietf.org/html/rfc791
    TRANSMISSION CONTROL PROTOCOL; RFC 793, September 1981; http://tools.ietf.org/html/rfc793

comgate

Communication protocol

Standard protocol SOAP is used for communication between Client's and ComGate Payments systems.

Security

All SOAP communication is encrypted using SSL (HTTPS protocol). SOAP communication between ComGate Payments and merchant is secured by using HTTP Basic Authentication – merchant is provided username and password. All merchant's communication must be originated from whitelisted IP addresses. System ComGate Payments is using IP range 62.77.114.16/28 and 89.185.236.55/32. Merchant should accept calls from this range only.

List of supported TLS ciphers is similar to this one:

https://github.com/cloudflare/sslconfig/blob/master/conf

Merchant ensures that goods and/or service are provided to the customer only once even in case of multiple calls to OK URL. This can be assured by checking return code of `GetTransactionStatus` (see below). Server returns PAID status only once, on subsequent calls returns PROCESSED state. The same information can be stored in merchant database as well.

Merchant ensures that goods and/or service are provided only to the customer, who made the payment. That means that merchant should save transaction ID and customer ID when the payment process is started and check that those values match when customer hits OK URL after successful payment. This can be done using merchant's database or cookies (session).

Service activation

Merchant receives complete technical specification and implements ComGate Payments to his web site. Testing version of interface is provided to ease development. Merchant's account data for communication with ComGate Payments system will be sent on demand via separate email. When the integration is finished ComGate Payments service can be used in production.

Information provided from merchant

During the integration process merchant provides:

- IP addresses for whitelisting. Only from these addresses merchant's SOAP requests will be allowed.
- Website URL where the payment method is implemented.
- Email address for payment notifications

Information provided to merchant

During the integration process merchant will be provided by ComGate Payments:

- MerchantID – alphanumerical identification
- Password – used for HTTP Basic Authentication
- List of currencies, categories and methods which are allowed for the merchant

Testing environment

Test SOAP server URL:

https://payments-test.comgate.cz/merchant/ws/v2.3/

Testing payments listing, settings of eshop and SOAP logs:

https://portal.comgate.cz/
(access is sent via welcome email)

comgate

For finishing payments within testing, there's virtual testing provider ("green-yellow pages"), where partner can set if the testing transaction will be paid or not.

Production

Production SOAP server URL:

> **https://payments.comgate.cz/merchant/ws/v2.3/**

Production online statistics, payments listings:

> **https://portal.comgate.cz/**
> (will be available after the service is switched to the production, access is sent via welcome email)

Customer view

The payment process from the customer's point of view

1. Customer chooses goods or service on merchant's website
2. Customer clicks "Pay" button on merchant's site
3. Customer is redirected to ComGate Payments instruction page and fills in remaining required fields. If all required fields were provided by Merchant then the ComGate Payments instruction page is skipped.
4. ComGate Payments redirects customer's browser to payment provider system according to chosen payment method and its parameters (e.g. credit card – bank, web billing – mobile operator etc.)
5. Customer pays the amount using payment provider's interface and is redirected back to merchant's site. The redirect is made transparently through ComGate Payments system.
6. If the payment was successful, the merchant provides the goods/service to the customer.

Communication flow

Showing payment options

This sequence is optional. Merchant can simply display static page with method selection.
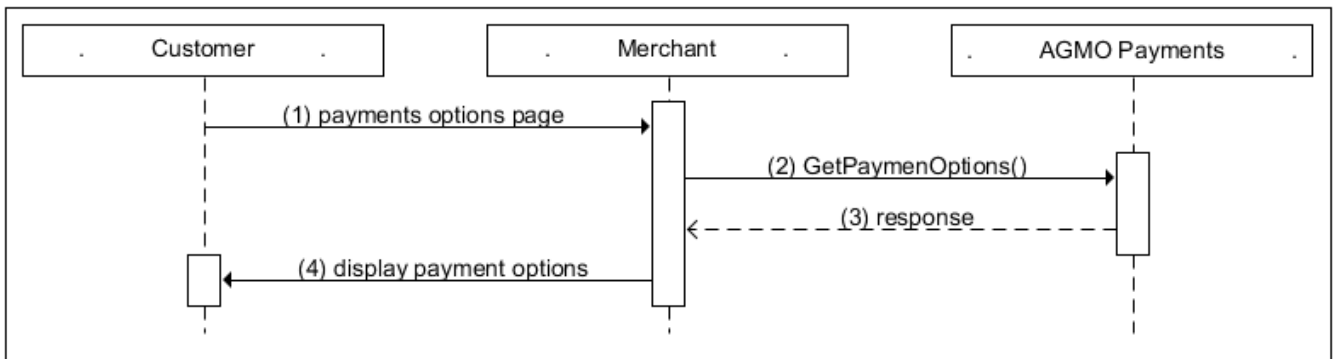

1. Customer requests payment options page on merchant's web.
2. Merchant calls `GetPaymentOptions` SOAP method in ComGate Payments system.
3. ComGate Payments returns list of available payment methods.
4. Merchant transforms list to his design and displays it on his pages.

Payment
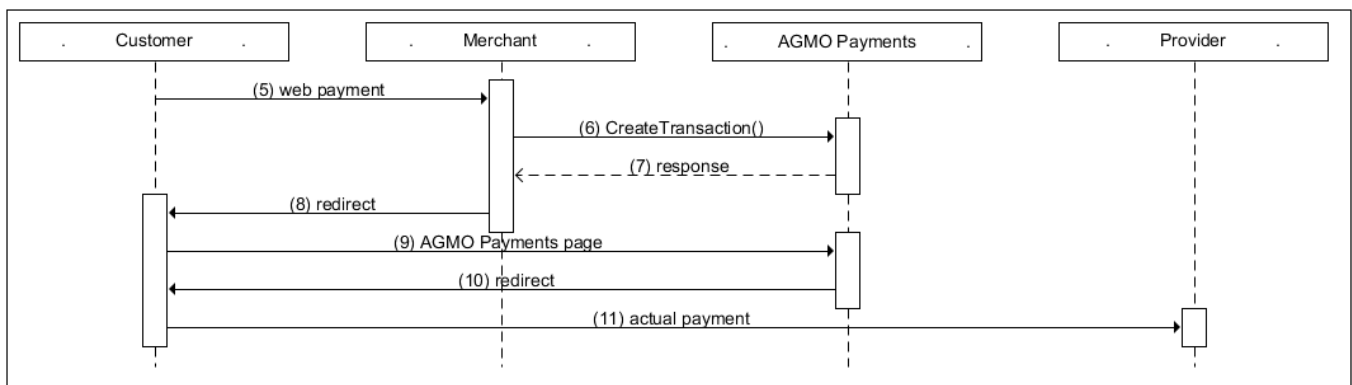
5. Client chooses desired payment method.
6. Merchant calls `CreateTransaction` SOAP method in order to create new transaction in ComGate Payments system
7. ComGate Payments responds with new transaction ID and URL of web page with instructions. Partner should store transaction ID with the customer – store it in database or in user's session.
8. Merchant redirects customer's browser to ComGate Payments page. The URL was received in `CreateTransaction` response. Redirect should be made using either HTTP header 302 Moved temporarily or HTML meta tag refresh or in similar fashion.
9. Customer follows instructions on the ComGate Payments page. If all required information was provided by merchant in `CreateTransaction` call then this ComGate Payments instruction page is skipped. If some required fields were not provided then the page is displayed and the user must fill the information there.
10. Customer is then redirected to the corresponding payment system.
11. Customer processes the payment.

comgate

Successful payment
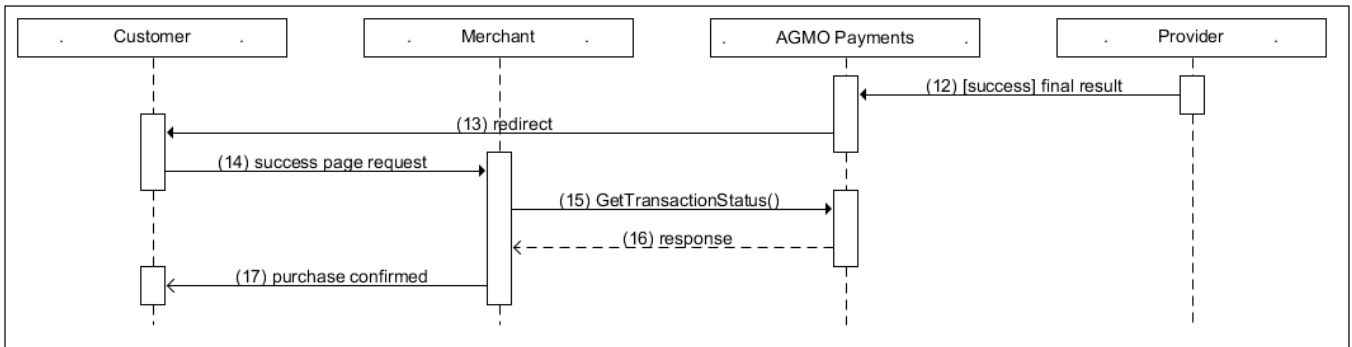
12. ComGate Payments is notified by Provider about completed payment.
13. Customer is redirected to OK URL at merchant's site. OK URL was specified in `GetTransacationId` method call.
14. Merchant doesn't show success page yet.
15. Merchant checks correctness of transaction using `GetTransactionStatus` SOAP method.
16. ComGate Payments returns current transaction status (e.g. PAID).
17. Based on transaction status and customer identification (see chapter Security) merchant presents result of transaction and delivers paid goods or service. Merchant ensures that goods or service is not delivered multiple times in case of multiple accesses to OK URL. Merchant also ensures that goods or service is delivered to customer that really paid the service and not only directed his browser to OK URL. For detailed recommendations see chapter Security.

Failed payment
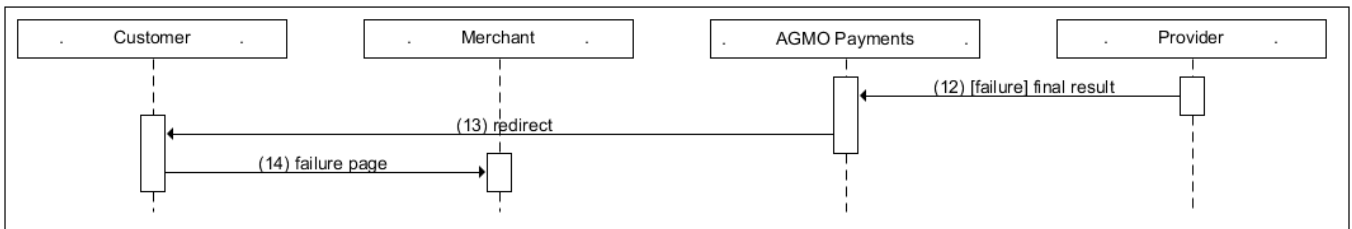
12. ComGate Payments determines, that payment has failed.
13. Customer is redirected to ERROR URL at merchant's site. ERROR URL was specified in `GetTransacationId` method call.
14. Merchant displays page presenting unsuccessful payment.

Unknown payment result
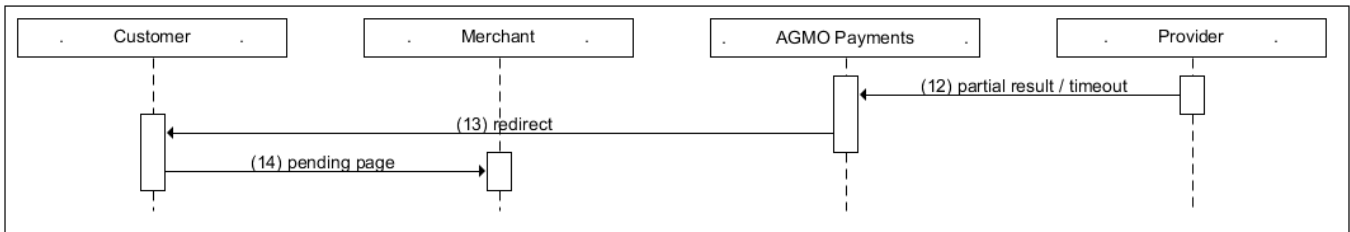
12. Payment result can't be determined immediately. This can happen when the final result of payment is not available for a long time. Not because of an error, but because payment conditions don't allow immediate result detection.
13. Client is redirected to PENDING URL page.
14. Merchant should show something like "As soon as the payment is confirmed, the goods will be delivered". For later status detection there is SOAP method `GetTransactionStatus` (PULL) available. In reverse direction, merchant can receive notifications by implementing `PushTransactionStatus` (PUSH) method.

Payment status detection – PULL

This sequence is optional.
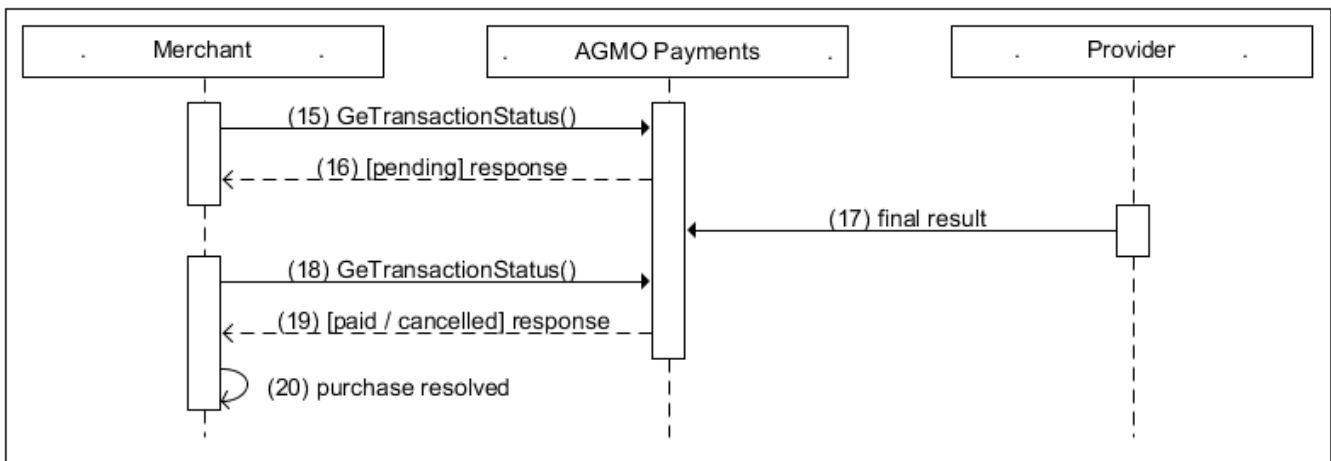
15. Merchant is periodically asking for payment status by calling `GetTransactionStatus` method.
16. ComGate Payments does not know final payment result, so it responds with PENDING status.
17. Final payment result is determined by ComGate Payments system.
18. Merchant is again asking for payment status by calling `GetTransactionStatus` method.
19. ComGate Payments responds with one of final states `PAID` or `CANCELLED`.
20. Merchant saves payment result and acts as needed.

Payment result notification – PUSH

This sequence is optional. It depends on how the merchant connection was configured during integration phase.
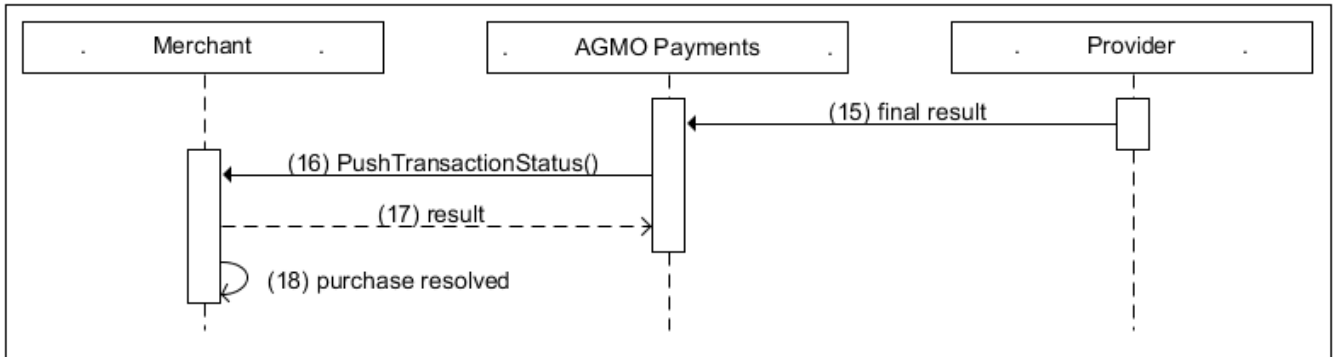
15. Final payment result is determined by ComGate Payments system.
16. ComGate Payments calls `PushTransactionStatus` method on merchant's side.
17. Merchant responds according to PushTransactionStatus method specification. If positive answer is received, payment result is considered reported and won't be repeated for this payment anymore. In case of invalid or none response, ComGate Payments will repeat this notification later.
18. Merchant saves payment result and acts as needed.

Payment states

State chart for transaction states follows:
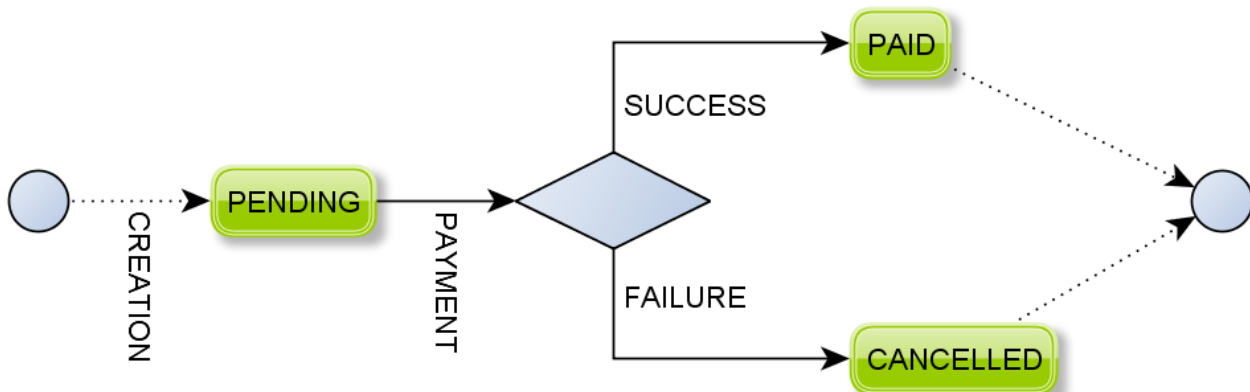
1. PENDING – Payment was created, payment is in progress without known result yet.
2. PAID – Customer successfully finished payment process – goods and/or service can be delivered
3. CANCELLED – The payment wasn't successful. Goods and/or service should not be provided. In rare cases this status can change into SUCCESS.

Payment can be considered as paid only when 7 tis in a PAID status. PENDING status is not final, and may be followed by a status CANCELLED.

comgate

Protocol specification

Payment methods

List of available payment methods is here.

Type	Description	Identifier
Generic	Provider or bank is to be selected by Payer	ALL
Credit or debit card	Provider automatically **(recomended)**	CARD_ALL
	Provider ČSOB (via GPE)	CARD_CZ_CSOB
	Provider ČSOB (via ČSOB)	CARD_CZ_CSOB_2
	Provider Česká spořitelna	CARD_CZ_CS
	Provider B+S Card Service	CARD_CZ_BS
Bank transfer	Bank is choosed by Payer **(recomended)**	BANK_ALL
	ePayment for RaiffeisenBank clients	BANK_CZ_RB_2
	ePayment for clients of Komerční Banka	BANK_CZ_KB_2
	ePayment for GE Money Bank clients	BANK_CZ_GE_2
	ePayment for Sberbank CZ clients	BANK_CZ_VB_2
	ePayment for clients of FIO Banka	BANK_CZ_FB_2
	ePayment for Air Bank	BANK_CZ_AB
	ePayment for Citybank clients	BANK_CZ_CTB
	ePayment for clients of Česká spořitelna	BANK_CZ_CS
	ePayment for ČSOB clients	BANK_CZ_CSOB
	ePayment for Equa Bank	BANK_CZ_EB
	ePayment for mBank clients	BANK_CZ_MB
	ePayment for clients of era	BANK_CZ_PS
	ePayment for UniCredit Bank clients	BANK_CZ_UC_2
	ePayment for Zuno Bank AG	BANK_CZ_ZB
	ePayment for clients of other banks	BANK_CZ_OTHER
	ePayment+ for RaiffeisenBank clients	BANK_CZ_RB
	ePayment+ for clients of Komerční Banka	BANK_CZ_KB
	ePayment+ for GE Money Bank clients	BANK_CZ_GE
	ePayment+ for Sberbank CZ clients	BANK_CZ_VB
	ePayment+ for clients of FIO Banka	BANK_CZ_FB
	ePayment+ for clients of Česká spořitelna	BANK_CZ_CS_P
	ePayment+ for mBank clients	BANK_CZ_MB_P
	ePayment+ for ČSOB clients	BANK_CZ_CSOB_P
	ePayment+ for clients of era	BANK_CZ_PS_P
	ePayment+ for UniCredit Bank clients	BANK_CZ_UC
	ePayment+ for clients of Slovenská spořiteľňa	BANK_SK_SP
	ePayment+ for clients of VÚB Bank	BANK_SK_VUB
	ePayment+ for clients of Tatra Bank	BANK_SK_TB
	ePayment+ for clients of ČSOB	BANK_SK_CSOB
	ePayment+ for clients of UniCredit Bank	BANK_SK_UC
	ePayment+ for clients of Poštovná Banka	BANK_SK_PB
	ePayment for Prima Bank	BANK_SK_DEXIA
	ePayment for Fio Bank	BANK_SK_FB
	ePayment for clients of other banks	BANK_SK_OTHER

VAT rates in Poland

VAT rate	Value from 2011	Description
NONE	0 %	Product is exempt from paying VAT.
LOWER_1	5 %	Super reduced VAT rate.
LOWER_2	8 %	The reduced rate of VAT.
STANDARD	23 %	The standard rate of VAT.

comgate

Categories of goods

List of available categories is here.

Category	Description
DIGITAL	Digital content, online delivery
PHYSICAL	Physical goods, physical delivery
EROTIC	Erotic goods

Protocol methods

Standard protocol SOAP is used for communication between Merchant's and ComGate Payments systems. All communication is encrypted using SSL (HTTPS protocol).

ComGate Payments SOAP server implements three methods: CreateTransaction, GetTransactionStatus and GetPaymentOptions. In all cases Merchant system is SOAP client and ComGate Payments is SOAP server.

CreateTransaction method

Creates payment in ComGate Payments system. Customer can have multiple choices of payment method. Customer chooses his preferred payment method on ComGate Payments web page where he can fill all necessary data if weren't previously provided in the method call parameters.

Required:

N – optional parameter

Y – mandatory parameter in method call

(Y) – required parameter for HTTP request, only for certain payment methods

N, Y/N – optional in method call but ComGate Payments will ask customer to fill it in (depending on method type) when not provided

Request parameters

Element	Type	Required	Description
/client/email	string	Y	Customer's email.
/client/phone	string	N, Y/N	Customer's mobile number.
/client/emailNotification	boolean	Y	Whether ComGate Payments should send notification email to customer after payment is complete (in case of email contact provided).
/client/emailInstructions	boolean	N	Whether ComGate Payments should send email with instructions how to pay (as soon as email contact is acquired).
/product/vatPL	string	(Y)	
/product/category	string	(Y)	Payment category id. Possible values will be provided during service activation process by ComGate Payments
/product/name	string	N	Product name. This name is displayed in ComGate Payments statistics tool
/product/label	string	Y	Short description of product displayed to customer (1-16 chars)
/product/description	string	N	Long product description

/payment/country	string	N	country code ("CZ", "SK", "PL", "ALL"), default value is "CZ"
/payment/price	decimal	Y	Product price. Must be min. 10 CZK (including), max. unlimited, except Payment method MPAY_CZ, where is the provider limit: • O2: min. 10, max. 1500 CZK (inc.) • T-Mobile: min. 5, max. 1500 CZK • Vodafone: min. 1, max. 1200 CZK For MPAY_PL payment method the list of acceptable price levels is clearly defined and cannot be entered amount of own choice. For more information, contact the ComGate Payments customer service.
/payment/price/@currency	string	Y	Currency code - ISO 4217. Usually „CZK"
/payment/variableSymbol	string	N	Referral payment ID from Merchant's system (uniqueness is not required, it's possible to create more payment transactions with the same referral ID)
/payment/payerId	string	N	The Payer identifier from Merchant's system. The identifier must be verified for example by Payer logging to the Merchant's system using a password, otherwise leave the parameter blank. It is used when paying with ČS card, where ČS payment gateway stores the card numbers, so the next payment Payer need not re-enter the card number. This feature must be enabled for a particular Merchant in the ČS system.
/payment/method/@id	string	Y	Identification of payment method (4.1)
/payment/method/param	string	N	Method parameter value
/payment/method/param/@name	string	N	Method parameter name
/payment/account	string	N	Identifier of Merchant's bank account to which ComGate Payments transfers the money. If the parameter is empty, the default Merchant's account will be used. List of accounts is on https://data.comgate.cz/
/interface/language	string	Y	Language code by (ISO 639-1). ComGate Payments interface will use this language for communication with Payer. Valid values from list ("cs", "en", "pl"), default value is "cs"
/interface/urlOk	string	Y	After successful payment customer will be redirected to this URL. All appearances of ${id} will be substituted with the corresponding ComGate Payments's transaction ID.

comgate

/interface/urlError	string	Y	After unsuccessful payment customer will be redirected to this URL. All appearances of ${id} will be substituted with the corresponding ComGate Payments's transaction ID.
/interface/urlPending	string	Y	If the payment result is unknown for a long time, customer will be redirected to this URL. All appearances of ${id} will be substituted with the corresponding ComGate Payments's transaction ID.

Response parameters

Element	Type	Required	Description
/result/code	integer	Y	Result code and error description:
/result/description	string	Y	0 OK
			1100 Unknown error
			1101 Interface URL for pending transactions is missing
			1102 Requested language is not supported
			1103 Unexpected count of specified methods
			1104 Cannot find payment update
			1200 DB error
			1301 Unknown merchant
			1302 Unknown notification channel
			1303 Interface URLs or language is missing
			1304 Invalid category specified
			1305 Product label is missing
			1306 No valid method specified
			1307 Duplicity in specified methods
			1308 Specified payment option is not enabled for you
			1309 Invalid payment amount
			1310 Unknown currency of payment price
			1311 Invalid bank account identifier
			1399 Unexpected result from DB method
			1400 Request error
			1500 Unexpected error
/transaction/id	string	Y	Alphanumerical unique transaction Id
/interface/redirectUrl	string	Y	URL to redirect customer to start payment

Method specific parameters

MPAY_CZ			
phone	string	N	Mobile phone, will be used for payment
operator_restriction	string	N	Restriction of Operator for mobile phone TMCZ – T-Mobile CZ VFCZ – Vodafone CZ O2CZ – Telefónica O2 CZ

comgate

Example of CreateTransaction HTTP request

```
POST /merchant/ws/v2.3 HTTP/1.1
Authorization: Basic ZXhhbXBsZS5jb206QUJDDeHl6
Host: payments.comgate.cz
Content-Type: application/soap+xml; charset=utf-8;
action=http://www.agmo.eu/protocols/Payments/v2.3/CreateTransaction

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
    <CreateTransaction xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
        <client>
            <email>john.doe@email.com</email>
            <phone>+420123456789</phone>
            <emailNotification>true</emailNotification>
        </client>
        <product>
            <category>DIGITAL</category>
            <name>BEATLES</name>
            <label>Beatles - Help!</label>
            <description>320kbps MP3 song</description>
        </product>
        <payment>
            <price currency="CZK">100.00</price>
            <variableSymbol>2010102600</variableSymbol>
            <method id="BANK_CZ_KB"/>
            <method id="BANK_CZ_VB"/>
            <method id="MPAY_CZ"/>
        </payment>
        <interface>
            <language>cs</language>
            <urlOk>https://go.to/ok?id=${id}</urlOk>
            <urlError>http://go.to/error?id=${id}</urlError>
            <urlPending>http://go.to/pending?id=${id}</urlPending>
        </interface>
    </CreateTransaction>
    </env:Body>
</env:Envelope>
```

Example of CreateTransaction HTTP response

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <CreateTransactionResponse xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <result>
                <code>0</code>
                <description>OK</description>
            </result>
            <transaction>
                <id>AB12-EF34-IJ56</id>
            </transaction>
            <interface>
                <redirectUrl>https://payments.comgate.cz/client/instructions/?id=ABCDEFGHIJ</redirectUrl>
            </interface>
        </CreateTransactionResponse>
    </env:Body>
</env:Envelope>
```

comgate

GetTransactionStatus method

Method returns current status of given transaction. Current transaction state, chosen payment method, paid amount and other transaction details are returned.

Request parameters

Element	Type	Required	Description
/transaction/id	string	Y	Alphanumerical transaction ID, for which the result state should be returned. Transaction ID is returned by CreateTransaction when transaction is created.

Response parameters

Element	Type	Required	Description
/result/code	integer	Y	Result code and error description:
/result/description	string	Y	0 OK 2100 Unknown error 2101 Transaction does not exist 2200 DB error 2300 Implementation error 2400 Request error 2500 Unexpected error
/transaction/id	string	Y	Transaction ID – only for reference, matches transaction ID from request parameters
/transaction/status	string	Y	Transaction states, values: „PENDING" „PAID" „CANCELLED" For detailed states' description see state chart above.
/transaction/time	dateTime	Y	Time of last status change
/transaction/firstPaidResponse	boolean	N	True if merchant is requesting payment status and it is PAID. Subsequent requests will get false here. Will be present only if status is PAID.
/client/email	string	Y	Customer's email.
/client/phone	string	N	Customer's mobile number.
/client/emailNotification	boolean	N	Whether ComGate Payments should send notification email to customer after payment (in case of email contact provided)
/product/category	string	Y	Payment category id. Possible values will be provided during service activation process by ComGate Payments
/product/name	string	N	Product name. This name is displayed in ComGate Payments statistics tool

/product/label	string	Y	Short description of product displayed to customer (1-16 chars)
/product/description	string	N	Long product description
/payment/price	decimal	Y	Product price
/payment/price/@currency	string	Y	Currency code - ISO 4217. Usually „CZK"
/payment/variableSymbol	string	N	Referral payment ID from Merchant's system.
/payment/payerId	string	N	The Payer identifier from Merchant's system.
/payment/method/@used	string	Y	Identification of payment method
/payment/method/param	string	N	Method parameter value
/payment/method/param/@name	string	N	Method parameter name
/payment/account	string	N	Identifier of Merchant's bank account

Method specific parameters

MPAY_CZ			
phone	string	N	Mobile phone used for payment
operator	string	N	Operator of phone number used for payment TMCZ – T-Mobile CZ VFCZ – Vodafone CZ O2CZ – Telefónica O2 CZ

Example of GetTransactionStatus HTTP request

```
POST /merchant/ws/v2.3/ HTTP/1.1
Authorization: Basic ZXhhbXBsZS5jb206QUJDDeHl6
Host: payments.agmo.cz
Content-Type: application/soap+xml; charset=utf-8;
action=http://www.agmo.eu/protocols/Payments/v2.3/GetTransactionStatus

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <GetTransactionStatus xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <transaction>
                <id>AB12-EF34-IJ56</id>
            </transaction>
        </GetTransactionStatus>
    </env:Body>
</env:Envelope>
```

Example of GetTransactionStatus HTTP response

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <GetTransactionStatusResponse xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <result>
                <code>0</code>
                <description>OK</description>
            </result>
            <transaction>
                <id>AB12-EF34-IJ56</id>
                <status>PAID</status>
                <time>2002-10-10T10:10:10+02:00</time>
                <firstPaidResponse>true</firstPaidResponse>
            </transaction>
            <client>
                <email>john.doe@email.com</email>
```

```
                <phone>+420123456789</phone>
            </client>
            <product>
                <category>DIGITAL</category>
                <name>BEATLES</name>
                <label>Beatles - Help!</label>
                <description>320kbps MP3 song</description>
            </product>
            <payment>
                <price currency="CZK">100.00</price>
                <variableSymbol>132456521</variableSymbol>
                <method used="MPAY_CZ">
                    <param name="operator">VFCZ</param>
                    <param name="phone">+420123456789</param>
                </method>
            </payment>
        </GetTransactionStatusResponse>
    </env:Body>
</env:Envelope>
```

Example of GetTransactionStatus HTTP response – application error

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <GetTransactionStatusResponse xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <result>
                <code>2301</code>
                <description>Transaction does not exist</description>
            </result>
        </GetTransactionStatusResponse>
    </env:Body>
</env:Envelope>
```

Example GetTransactionStatus HTTP response – SOAP error

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8

<?xml version="1.0" encoding="UTF-8"?>
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://www.w3.org/2003/05/soap-envelope">
    <SOAP-ENV:Body>
        <SOAP-ENV:Fault>
            <SOAP-ENV:Code>
                <SOAP-ENV:Value>SOAP-ENV:Sender</SOAP-ENV:Value>
                <SOAP-ENV:Subcode>
                    <SOAP-ENV:Value>310</SOAP-ENV:Value>
                </SOAP-ENV:Subcode>
            </SOAP-ENV:Code>
            <SOAP-ENV:Reason>
                <SOAP-ENV:Text xml:lang="en">Not valid method "GetTransactionStatusOther" of this service
called!</SOAP-ENV:Text>
            </SOAP-ENV:Reason>
        </SOAP-ENV:Fault>
    </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

GetPaymentOptions

Method for merchant used for determining his current allowed options in ComGate Payments system. This can be used for getting the list of available methods. These methods can be used for payment creation afterwards.

Request parameters

Element	Type	Required	Description
/language	string	Y	language code (ISO 639-1), payment descriptions will be returned in this language

Response parameters

Element	Type	Required	Description
/result/code	integer	Y	result code and error description:
/result/description	string	Y	0 OK 3100 Unknown error 3200 DB error 3300 Request error 3400 Unexpected error
/methods/method/@id	string	Y	available payment method id, on of table 4.1
/methods/method/name	string	Y	method name, in chosen language
/methods/method/description	string	Y	Longer method description, in chosen language
/methods/method/logo	string	Y	HTTP link pointing to method logo image

comgate

Example of GetPaymentOptions HTTP request

```
POST /merchant/ws/v2.3/ HTTP/1.1
Authorization: Basic ZXhhbXBsZS5jb20:QUJDeHl6
Host: payments.agmo.cz
Content-Type: application/soap+xml; charset=utf-8;
action=http://www.agmo.eu/protocols/Payments/v2.3/GetPaymentOptions


<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <GetPaymentOptions xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <language>cs</language>
        </GetPaymentOptions>
    </env:Body>
</env:Envelope>
```

Example of GetPaymentOptions HTTP response

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <GetPaymentOptionsResponse xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <result>
                <code>0</code>
                <description>OK</description>
            </result>
            <methods>
                <method id="CARD_CZ_CSOB">
                <name>Platební karta</name>
                    <description>On-line platba platební kartou EuroCard/MasterCard, Visa.</description>
                    <logo>https://payments.agmo.cz/assets/images/logos/cards.png</logo>
                </method>
                <method id="BANK_CZ_KB">
                    <name>Komerční Banka - Moje platba</name>
                    <description>On-line platba pro majitele účtu u Komerční banky.</description>
                    <logo>https://payments.agmo.cz/assets/images/logos/bank_kbcz.png</logo>
                </method>
                <method id="BANK_CZ_RB">
                    <name>Raiffeisen Bank - eKonto</name>
                    <description>On-line platba pro majitele účtu u Raiffeisen Bank.</description>
                    <logo>https://payments.agmo.cz/assets/images/logos/bank_rbcz.png</logo>
                </method>
                <method id="BANK_CZ_GE">
                    <name>GE Money Bank - PayMyway</name>
                    <description>On-line platba pro majitele účtu u GE Money Bank.</description>
                    <logo>https://payments.agmo.cz/assets/images/logos/bank_gecz.png</logo>
                </method>
                <method id="BANK_CZ_VB">
                    <name>Volksbank - PayMyway</name>
                    <description>On-line platba pro majitele účtu u Volksbank.</description>
                    <logo>https://payments.agmo.cz/assets/images/logos/bank_vbcz.png</logo>
                </method>
                <method id="MPAY_CZ">
                    <name>Mobilní telefon</name>
                    <description>Platba prostřednictvím mobilního telefonu. Cena je odečtena přímo z kreditu
nebo se objeví na měsíčním vyúčtování.</description>
                    <logo>https://payments.agmo.cz/assets/images/logos/mpay_platmobilem.png</logo>
                </method>
            </methods>
        </GetPaymentOptionsResponse>
    </env:Body>
</env:Envelope>
```

comgate

PushTransactionStatus

ComGate Payments reports final payment status by calling this SOAP method on merchant's server interface. Call parameters carry out information about finalized payment.

Request parameters

Element	Type	Required	Description
/transaction/id	string	Y	Transaction ID
/transaction/status	string	Y	Transaction states, values: „PAID" „CANCELLED" For detailed states' description see state chart above.
/transaction/time	dateTime	Y	Time of last status change
/client/email	string	Y	Customer's email.
/client/phone	string	N	Customer's mobile number.
/product/vatPL	string	(Y)	Identifier of VAT rate in Poland.
/product/category	string	(Y)	Payment category id. Possible values will be provided during service activation process by ComGate Payments
/product/name	string	N	Product name. This name is displayed in ComGate Payments statistics tool
/product/label	string	Y	Short description of product displayed to customer (1-16 chars)
/product/description	string	N	Long product description
/payment/price	decimal	Y	Product price
/payment/price/@currency	string	Y	Currency code - ISO 4217. Usually „CZK"
/payment/variableSymbol	string	N	Referral payment ID from Merchant's system.
/payment/payerId	string	N	The Payer identifier from Merchant's system.
/payment/method/@used	string	Y	Identification of payment method (4.1)
/payment/method/param	string	N	Method parameter value
/payment/method/param/@name	string	N	Method parameter name
/payment/account	string	N	Identifier of Merchant's bank account

Response parameters

Element	Type	Required	Description
/result/code	integer	Y	result code and error description:
/result/description	string	Y	expecting code 0 and description "OK" if request was successfuly processed

Method specific parameters

MPAY_CZ			
phone	string	N	Mobile phone used for payment
operator	string	N	Operator of phone number used for payment TMCZ – T-Mobile CZ VFCZ – Vodafone CZ O2CZ – Telefónica O2 CZ

Example of PushTransactionStatus HTTP request

```
POST /soap/handler HTTP/1.1
Host: iface.merchant.com
Content-Type: application/soap+xml; charset=utf-8;
action=http://www.agmo.eu/protocols/Payments/v2.3/PushTransactionStatus

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <PushTransactionStatus xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <transaction>
                <id>AB12-EF34-IJ56</id>
                <status>PAID</status>
                <time>2011-12-01T09:34:18+02:00</time>
            </transaction>

            <client>
                <email>john.doe@email.com</email>
                <phone>+420123456789</phone>
            </client>

            <product>
                <category>DIGITAL</category>
                <name>BEATLES</name>
                <label>Beatles - Help!</label>
                <description>320kbps MP3 song</description>
            </product>

            <payment>
                <price currency="CZK">100.00</price>
                <variableSymbol>132456521</variableSymbol>

                <method used="MPAY">
                    <param name="operator">VFCZ</param>
                    <param name="phone">+420123456789</param>
                </method>
            </payment>
        </PushTransactionStatus>
    </env:Body>
</env:Envelope>
```

Example of PushTransactionStatus HTTP response

```
HTTP/1.1 200 OK
Content-Type: application/soap+xml; charset=utf-8

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://www.w3.org/2003/05/soap-envelope">
    <env:Body>
        <PushTransactionStatusResponse xmlns="http://www.agmo.eu/protocols/Payments/v2.3">
            <result>
                <code>0</code>
                <description>OK</description>
            </result>
        </PushTransactionStatusResponse>
    </env:Body>
</env:Envelope>
```