


Paytweak

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About Paytweak

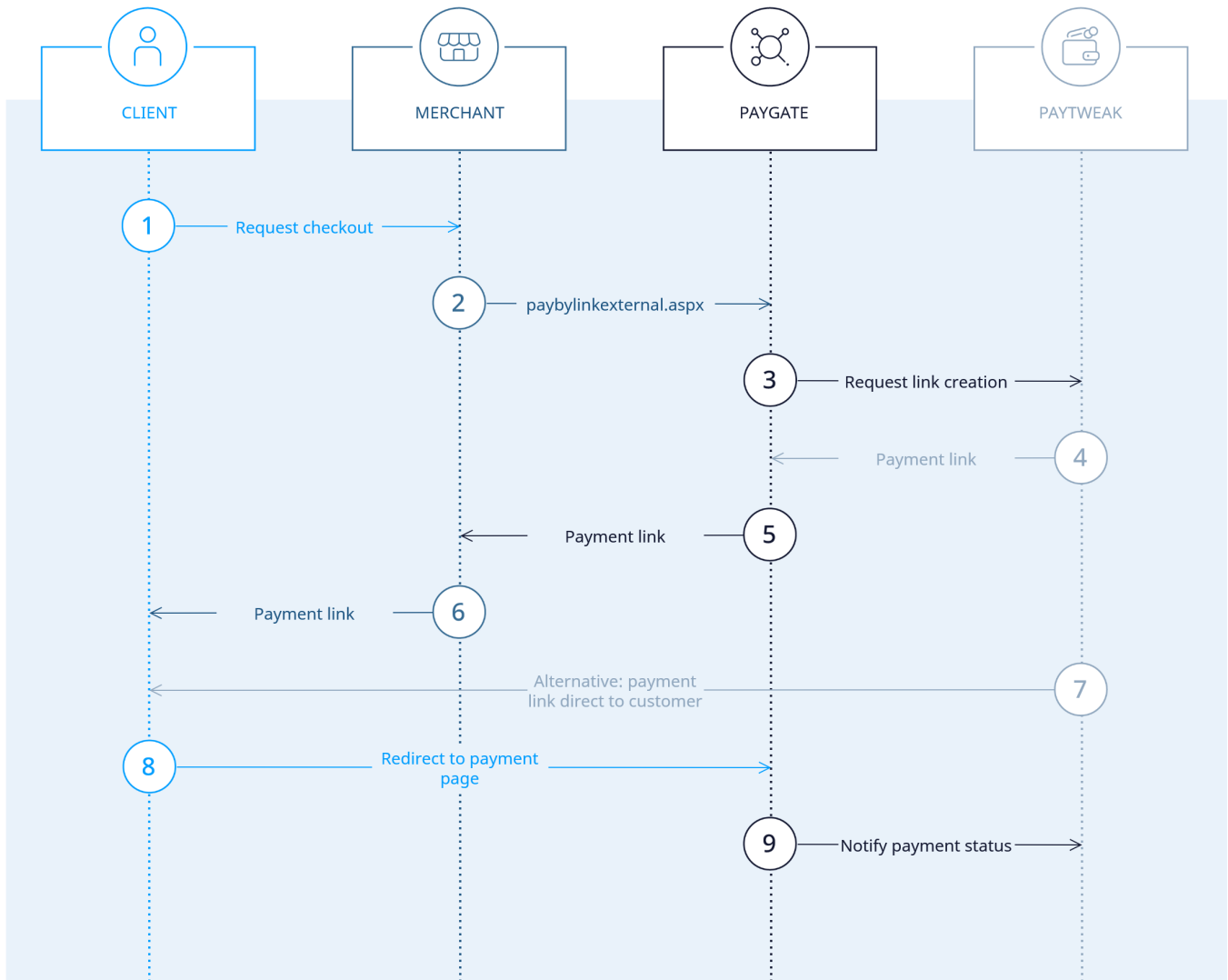
General information about Paytweak

Paytweak PayByLink solution by Email and SMS. The payment link generated by Paytweak is directly connected to 500 banks and PSP around the world. It secures, speeds up, and removes frictions for all incoming payments.

Logo	
Info	Paytweak PayByLink solution by Email and SMS. The payment link generated by Paytweak is directly connected to 500 banks and PSP around the world. It secures, speeds up, and removes frictions for all incoming payments.
Type	Mixed payment methods

Further information can be found on the webpage of Paytweak (<https://www.paytweak.com/>).

Process flow chart



Paytweak process flow

Paygate interface

Definitions

Data formats

Format	Description
a	alphabetical
as	alphabetical with special characters
n	numeric
an	alphanumeric
ans	alphanumeric with special characters
ns	numeric with special characters
bool	boolean expression (true or false)
3	fixed length with 3 digits/characters

..3	variable length with maximum 3 digits/characters
enum	enumeration of allowed values
dtm	ISODateTime (YYYY-MM-DDThh:mm:ss)

Abbreviations

Abbreviation	Description	Comment
CND	condition	
M	mandatory	If a parameter is mandatory, then it must be present
O	optional	If a parameter is optional, then it can be present, but it is not required
C	conditional	If a parameter is conditional, then there is a conditional rule which specifies whether it is mandatory or optional

Notice: Please note that the names of parameters can be returned in upper or lower case.

Call of interface for Paytweak

To make a payment with Paytweak, please use the following URL:

<https://www.computop-paygate.com/paybylinkexternal.aspx>

Notice: For security reasons, Computop Paygate rejects all payment requests with formatting errors. Therefore, please use the correct data type for each parameter.

The following table describes the [encrypted payment request parameters](#):

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk , if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three letters DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify)
bdEmail	ans..32	M	Email address of the customer. In case Pay By Link is sent via email, it will be sent to this address.
bdPhone	n..16	M	Customer phone number. In case Pay By Link is sent via SMS it will be sent to this number.
bdFirstName	ans..32	O	First name of the customer
bdLastName	ans..32	O	Last name of the customer
Gender	a1	O	Gender
bdStreet	ans..100	O	Street name
bdStreetNr	ans..30	O	House number

bdStreet2	ans..100	O	Additional address information
bdZIP	n..9	M	Postal code
bdCity	ans..20	O	City
bdCountryCode	a2	M	Country code for the account holder's address, 2 characters according to ISO 3166
OrderId	ans..30	O	Contract ID (BNP specific)
InvoiceId	ans..30	O	Invoice ID (BNP specific)
partialPayment	bool	O	Indicates if payment is partial or not. It is used during duplication check.
URLSuccess	ans..256	M	<p>Complete URL which calls up Paygate if payment has been successful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter UserData.</p> <p>i Common notes:</p> <ul style="list-style-type: none"> We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.
URLFailure	ans..256	M	<p>Complete URL which calls up Paygate if payment has been unsuccessful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter UserData.</p> <p>i Common notes:</p> <ul style="list-style-type: none"> We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess/URLNotify. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.
Response	a7	O	Status response sent by Paygate to URLSuccess and URLFailure , should be encrypted. For this purpose, transmit Response=encrypt parameter.
URLNotify	ans..256	M	<p>Complete URL which Paygate calls up in order to notify the shop about the payment result. The URL may be called up only via port 443. It may not contain parameters: Use the UserData parameter instead.</p> <p>i Common notes:</p> <ul style="list-style-type: none"> Before follow-up actions (capture / credit / reversal) are carried out on an existing transaction, the first Notify must have been answered by the shop. Fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess/URLNotify. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.
Service	a..16	M	<p>This value is used to identify the method of sending Pay By Link to the customer.</p> <p>Possible values:</p> <ul style="list-style-type: none"> link email SMS
language	a2	O	Language of the payment page, (if activated, also language of confirmation email and confirmation page). Additionally language of the email/SMS containing the pay by link.
externalTemplate	ans..32	C	<p>Name of the template to be used for email or SMS.</p> <p>Mandatory for service SMS/Email</p>
Expiration	n..3	O	Pay by link expiration (in days)
Plain	ans..50	O	<p>A single value to be set by the merchant to return some information unencrypted in response/notify, e.g. the MID.</p> <p>"Plain"-parameter is part of encrypted "Data" in Computop Paygate and therefore protected against manipulation.</p>
Custom	ans..1024	O	<p>"Custom"-parameter is added to the request data before encryption and is part of encrypted "Data" in Computop Paygate request. By this they are protected against manipulation by a consumer.</p> <p>The Custom-value is added to the Computop Paygate response in plain text and the " " is replaced by a "&". By this you can put a single value into Custom-parameter and get multiple key-value-pairs back in response for your own purpose.</p>

Parameters for payments with Paytweak

The following table gives the result parameters which Computop Paygate transmits to **URLSuccess** or **URLFailure** and **URLNotify**. If you have specified the **Response=encrypt** parameter, the following parameters are sent **Blowfish encrypted** to your system:

i pls. be prepared to receive additional parameters at any time and do not check the order of parameters

i the key (e.g. mid, RefNr) should not be checked case-sensitive

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	an8	M	Error code according to Paygate Response Codes (A4 Error codes)
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify)
redirecturl	ans..256	M	Contains Computop payment page URL. This is only for reference. Do not share with the customer.
externalresponse	ans..256	M	Contains pay by link URL and order ID for reference. QR code is a placeholder and will be used in future.
externallink	ans..128	M	Contains pay by link URL. This URL will be used by customer for payment.
linkchannel	a..16	M	It provides an information how link is sent to the customer, via email, sms or manually by merchant
linkexpiry	ans..32	M	Date/time stamp when the link will expire and can not be used anymore
linkcreated	ans..32	M	Date/time stamp when the link was created

Key	Format	CND	Description
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.

Key	Format	CND	Description
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TransID	ans..64	M	TransactionID provided by you which should be unique for each payment

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redirecturl	ans..256	M	Contains Computop payment page URL. This is only for reference. Do not share with the customer.
externalresponse	ans..256	M	Contains pay by link URL and order ID for reference. QR code is a placeholder and will be used in future.
externallink	ans..128	M	Contains pay by link URL. This URL will be used by customer for payment.
linkchannel	a..16	M	It provides an information how link is sent to the customer, via email, sms or manually by merchant
linkexpiry	ans..32	M	Date/time stamp when the link will expire and can not be used anymore
linkcreated	ans..32	M	Date/time stamp when the link was created

Results parameters for URLNotify, URLSuccess and URLFailure with Paytweak