


PayU CEE Single

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About PayU CEE Single

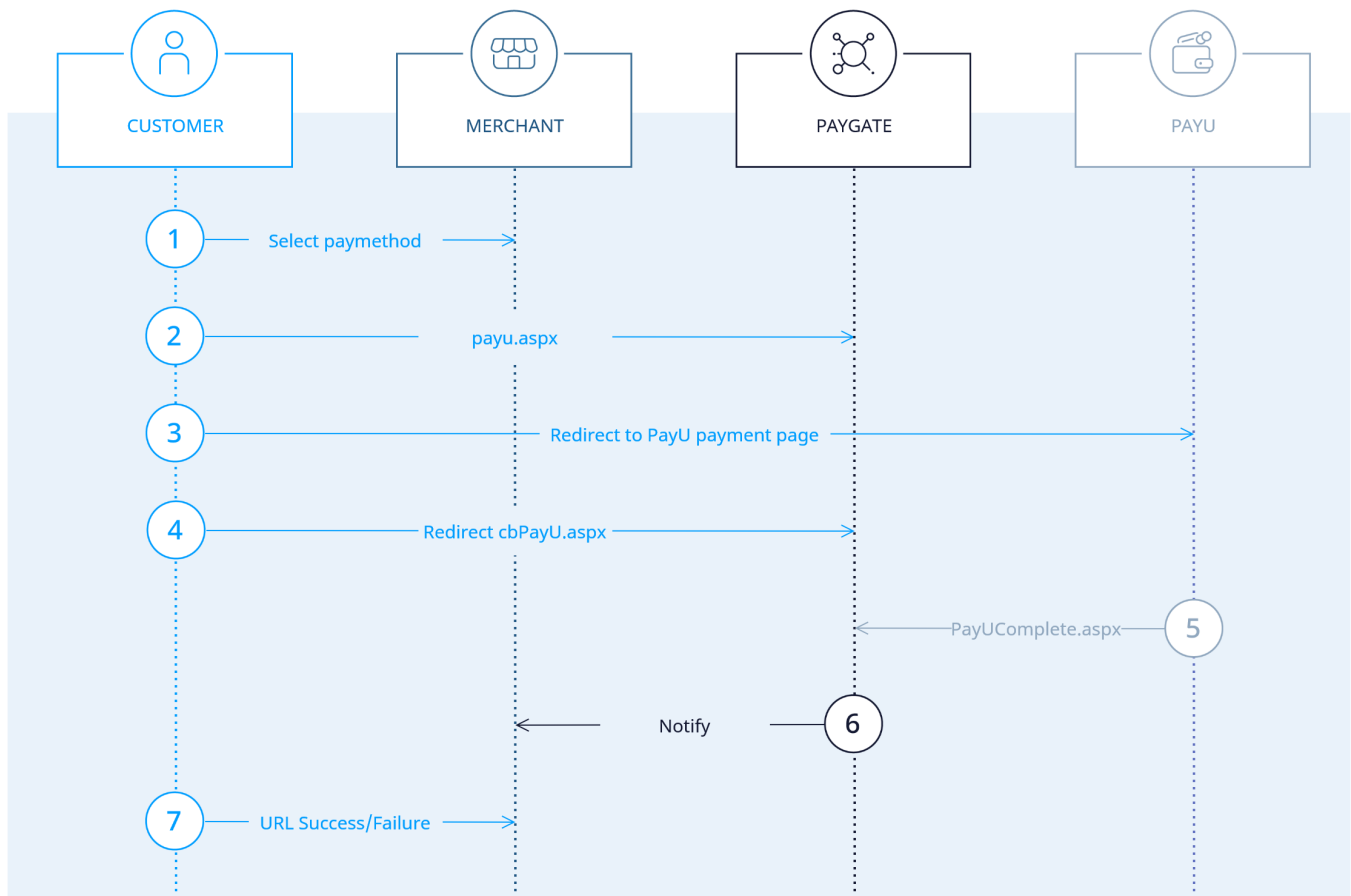
General information about payment methods via PayU CEE Single

For the PayU Connection there are two different variants of the interface depending on the countries as well as two manuals. This connection PayU CEE Single is valid only for Poland, Czech and Slovakia. For Hungary, Romania, Russia and Turkey the connection PayU CEE GECAD has to be used. For that a separate manual exist: [PayU CEE GECAD](#).

Logo	
Info	PayU is the leading wallet system in Poland. Merchants can offer the comprehensive payment services via the Paygate in Eastern Europe and further countries as well and thus reach over 500 million potential customers.
Type	Mixed payment methods

Card Scheme
VISA
MasterCard

Process flow chart



PayU CEE Single 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.

Payment with PayU CEE Single via form interface

In order to process a payment with PayU CEE Single via a Paygate form, please use the following URL:

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

BLIK OneClick

There are 3 possible scenarios to process a payment using BLIK OneClick.

Scenario 1: Payment using AuthCode

This scenario is possible for **all** merchants.

To use this option, parameter **PayType** has to be set to "blik" and parameter **AuthCode** contains valid authorization code. Please note, regards this functionality the customer/client/browser will not be forwarded to the Computop Paygate and your shop system will receive only the status by URLNotify response.

Scenario 2: Payment using AuthCode with token registration

This scenario is possible **only** for merchants, registered as "trusted merchants" on PayU side.

To use this option, parameter **PayType** has to be set to "blik" and parameter **AuthCode** has to contain a valid authorization code.

As the merchant is registered as "trusted merchants" on PayU side, after successful payment a token will be created and registered on PayU side. Registered token is sent in response in scope of JSON object **AllowedPayMethods** (field "value" contains the token, for details refer to description of JSON object AllowedPayMethods below). Additionally the token can be received by call **PayUPayMethods.aspx**.

Scenario 3: Payment using token

This scenario is possible **only** for merchants, registered as "trusted merchants" on PayU side.

A token, created using Scenario 2, can be used for further payments.

In this scenario payment request should be sent with parameter **PayType** equals to "blik", parameter **TokenExt** and parameter **AppKey** with values returned in parameter **AllowedPayMethods**. **AllowedPayMethods** contains token in field "value" and key is returned in field "key".

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
refnr	ns..30	O	Merchant's unique reference number

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 digits DIN / ISO 4217, e.g. EUR, USD, GBP. Only EUR, PLN and CZK permissible. 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)								
URLSuccess	ans..256	M	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 . Common notes: <ul style="list-style-type: none">We recommend to use parameter "response=encrypt" to get an encrypted response by PaygateHowever, 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	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 . Common notes: <ul style="list-style-type: none">We recommend to use parameter "response=encrypt" to get an encrypted response by PaygateHowever, 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	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. Common notes: <ul style="list-style-type: none">We recommend to use parameter "response=encrypt" to get an encrypted response by PaygateHowever, 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.								
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.								
ReqID	ans..32	O	To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action. Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly. Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.								
Capture	an..6	OM	Determines the type and time of capture. <table><tr><th>Capture Mode</th><th>Description</th></tr><tr><td>AUTO</td><td>Capturing immediately after authorisation (default value).</td></tr><tr><td>MANUAL</td><td>Capturing made by the merchant. Capture is normally initiated at time of delivery.</td></tr><tr><td><Number></td><td>Delay in hours until the capture (whole number; 1 to 696).</td></tr></table>	Capture Mode	Description	AUTO	Capturing immediately after authorisation (default value).	MANUAL	Capturing made by the merchant. Capture is normally initiated at time of delivery.	<Number>	Delay in hours until the capture (whole number; 1 to 696).
Capture Mode	Description										
AUTO	Capturing immediately after authorisation (default value).										
MANUAL	Capturing made by the merchant. Capture is normally initiated at time of delivery.										
<Number>	Delay in hours until the capture (whole number; 1 to 696).										
Order Desc	ans..35	M	Description of purchased goods, unit prices etc. The first 27 characters appear on the customer account statement.								
Order Desc2	ans..384	O	Quantity and description of the goods purchased, unit prices. Comma-delimited list, no special characters permitted.								
Article List	ans..1024	M	Article list. These parameters must have the following structure: Product name,unit price,number Several articles can be separated with a +, e.g.: iPhone,700,1+Samsung Galaxy,700,2 The sum of prices from ArticleList and ShippingData must be equal to the parameter Amount . If you need to disable this check (e.g. for processing of gift cards) please contact the Computop Helpdesk and also PayU support.								

PayType	ans..4	O	Payment method to be used. Possible values can be found in the list https://developers.payu.com/en/overview.html#paymethods at Value. E.g., "dpcz" for Twisto CZK.
AuthCode	n6	O	For payment method BLIK parameter AuthCode can be transmitted. If it is not transmitted the customer will be redirected to an appropriate page.
TokenExt	ans..64	O	For payment method BLIK parameter TokenExt can be transmitted.
AppKey	ans..32	O	For payment method BLIK parameter Appkey can be transmitted together with parameter TokenExt. In case a customer has accounts in several banks and uses BLIK in each of the banks, parameter AppKey contains application key for which the TokenExt has to be used.
Timeout	n..3	O	Time span in seconds within the payment must be executed
Language	a2	O	ISO code for language; currently only en, pl, cs permitted
Plain	ans..50	O	A single value to be set by the merchant to return some information unencrypted in response/notify, e.g. the MID. "Plain"-parameter is part of encrypted "Data" in Computop Paygate and therefore protected against manipulation.
Custom	ans..1024	O	"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. 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. Please find a samples here: Custom
Purchaser data			
FirstName	ans..100	M	First name of the customer
LastName	ans..100	M	Last name of the customer
Email	ans..100	M	Email address of the customer
CustomerId	ans..64	C	Mandatory in case of Blik Scenario 2 (Payment using AuthCode with token registration).
Phone	ans..100	O	Customer's phone number
SocialSecurityNumber	ans..100	O	Social security number
Delivery data			
sdName	ans..100	C	Name. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.
sdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.
sdAddressAddition	ans..100	O	Address c/o
sdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.
sdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.

sdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.
sdState	ans..100	O	Federal state
sdEmail	ans..100	O	E-mail address
sdPhone	ans..100	O	Telephone number
sdPOBox	ans..100	O	PO box
ShippingData	ans..256	C	Selection of shipping provider. This parameter must have the following structure: Country,Price (in smallest currency unit),Name Several selection possibilities can be separated with a +. e.g. PL,700,UPS+PL,600,DHL In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result. The sum of prices from ArticleList and ShippingData must be equal to the parameter Amount . If you need to disable this check (e.g. for processing of gift cards) please contact the Computop Helpdesk and also PayU support.
Invoice data			
bdName	ans..100	O	Name
bdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too
bdAddressAddition	ans..100	O	Address c/o
bdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too
bdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too
bdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too
bdState	ans..100	O	Federal state
bdEmail	ans..100	O	E-mail address
bdPhone	ans..100	O	Telephone number
bdPOBox	ans..100	O	PO box
TaxNumber	n..30	O	National Identification Number (tax number)
InvoiceFlag	n1	O	Defines if tick for invoice dispatch is displayed on the PayU page. 1 = tick is displayed 0 = tick is not displayed



Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss



Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.



Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Only EUR, PLN and CZK permissible. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Nur EUR, PLN und CZK zulässig. Hier eine Übersicht: A1 Währungstabelle

Key	Format	CND	Description	Beschreibung
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) 	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
URLSuccess	ans..256	M	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 Pay gate and shop, please use the parameter UserData . <div>  Common notes: <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. </div>	Vollständige URL, die das Paygate aufruft, wenn die Zahlung erfolgreich war. Die URL darf nur über Port 443 aufgerufen werden. Diese URL darf keine Parameter enthalten: Um Parameter durchzureichen nutzen Sie stattdessen den Parameter UserData . <div>  Allgemeine Hinweise: <ul style="list-style-type: none"> Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden. </div>

Key	Format	CND	Description	Beschreibung
URLFailure	ans..256	M	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 Pay gate and shop, please use the parameter UserData . <div>  Common notes: <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. </div>	Vollständige URL, die das Paygate aufruft, wenn die Zahlung gescheitert ist. Die URL darf nur über Port 443 aufgerufen werden. Diese URL darf keine Parameter enthalten: Um Parameter durchzureichen nutzen Sie stattdessen den Parameter UserData . <div>  Allgemeine Hinweise: <ul style="list-style-type: none"> Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess/URLNotify senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden. </div>

Key	Format	CND	Description	Beschreibung
Response	a7	O	Status response sent by Paygate to URLSuccess and URLFailure , should be encrypted. For this purpose, transmit Response=encrypt parameter.	Die Status-Rückmeldung, die das Paygate an URLSuccess und URLFailure sendet, sollte verschlüsselt werden. Dazu übergeben Sie den Parameter Response=encrypt .

Key	Format	CND	Description	Beschreibung
URLNotify	ans..256	M	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. <div>  Common notes: <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. </div>	Vollständige URL, die das Paygate aufruft, um den Shop zu benachrichtigen. Die URL darf nur über Port 443 aufgerufen werden. Sie darf keine Parameter enthalten: Nutzen Sie stattdessen den Parameter UserData . <div>  Allgemeine Hinweise: <ul style="list-style-type: none"> Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess/URLNotify senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden. </div>

Key	Format	CND	Description	Beschreibung
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UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.	Wenn beim Aufruf angegeben, übergibt das Paygate die Parameter mit dem Zahlungsergebnis an den Shop.
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Key	Format	CND	Description	Beschreibung
ReqId	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqId, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqId functionality on Paygate does not take effect. Submissions with identical ReqId for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqId is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqId erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einem Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqId-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqId auf einen offenen Status werden regulär verarbeitet.</p> <p>Hinweis: Bitte beachten Sie, dass eine ReqId nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>

Key	Format	CND	Description		Beschreibung	
Capture	an..6	OM	Determines the type and time of capture.		Bestimmt Art und Zeitpunkt der Buchung (engl. Capture).	
			Capture Mode	Description		
			AUTO	Capturing immediately after authorisation (default value).	AUTO	Buchung sofort nach Autorisierung (Standardwert).
			MANUAL	Capturing made by the merchant. Capture is normally initiated at time of delivery.	MANUAL	Buchung erfolgt durch den Händler - in der Regel die Buchung zum Zeitpunkt der Warenauslieferung bzw. Leistungserbringung.
			<Number>	Delay in hours until the capture (whole number; 1 to 696).	<Zahl>	Verzögerung in Stunden bis zur Buchung (ganze Zahl; 1 bis 696).

Key	Format	CND	Description	Beschreibung
Order Desc	ans..35	M	<p>Description of purchased goods, unit prices etc.</p> <p>The first 27 characters appear on the customer account statement.</p>	<p>Beschreibung der gekauften Waren, Einzelpreise usw.</p> <p>Die ersten 27 Zeichen erscheinen auf dem Kontoauszug des Kunden.</p>
Order Desc2	ans..384	O	<p>Quantity and description of the goods purchased, unit prices. Comma-delimited list, no special characters permitted.</p>	<p>Anzahl und Beschreibung gekaufter Waren, Einzelpreise. Kommaseparierte Liste, keine Sonderzeichen zulässig.</p>
Article List	ans..1024	M	<p>Article list. These parameters must have the following structure:</p> <p>Product name,unit price,number</p> <p>Several articles can be separated with a +, e.g.: iPhone, 700,1+Samsung Galaxy,700,2</p> <p>The sum of prices from ArticleList and ShippingData must be equal to the parameter Amount. If you need to disable this check (e.g. for processing of gift cards) please contact the Computop Helpdesk and also PayU support.</p>	<p>Artikelliste. Dieser Parameter muss folgenden Aufbau haben:</p> <p>Produktname,Einzelpreis,Anzahl</p> <p>Mehrere Artikel können durch ein + getrennt werden, z.B.: iPhone,700,1 +Samsung Galaxy,700,2</p> <p>Die Summe der Preise aus ArticleList und ShippingData muss mit dem Parameter Amount übereinstimmen. Wenn diese Prüfung deaktiviert werden soll (z.B. für die Verarbeitung von Geschenk-Gutscheinen), so wenden Sie sich bitte an den Computop Helpdesk und an den PayU Support.</p>
PayType	ans..4	O	<p>Payment method to be used. Possible values can be found in the list https://developers.payu.com/en/overview.html#paymethods at Value. E.g., "dpcz" for Twisto CZK.</p>	<p>Zu verwendende Zahlungsart. Mögliche Werte stehen in der Liste https://developers.payu.com/en/overview.html#paymethods unter Value. z.B. "dpcz" für Twisto CZK.</p>
AuthCode	n6	O	<p>For payment method BLIK parameter AuthCode can be transmitted. If it is not transmitted the customer will be redirected to an appropriate page.</p>	<p>Für die Zahlungsart BLIK kann der Parameter AuthCode übergeben werden. Wird dieser nicht übergeben, wird der Kunde auf eine entsprechende Seite weitergeleitet.</p>
Token Ext	ans..64	O	<p>For payment method BLIK parameter TokenExt can be transmitted.</p>	<p>Für die Zahlungsart BLIK kann der Parameter TokenExt übergeben werden.</p>
AppKey	ans..32	O	<p>For payment method BLIK parameter Appkey can be transmitted together with parameter TokenExt.</p> <p>In case a customer has accounts in several banks and uses BLIK in each of the banks, parameter AppKey contains application key for which the TokenExt has to be used.</p>	<p>Für die Zahlungsart BLIK kann der Parameter Appkey zusammen mit dem Parameter TokenExt übergeben werden.</p> <p>Falls ein Kunde Konten bei mehreren Banken hat und BLIK bei jeder dieser Banken verwendet, enthält der Parameter AppKey den Application-Key, für den das TokenExt verwendet werden soll.</p>

Time out	n..3	O	Time span in seconds within the payment must be executed	Dauer in Sekunden, in der die Zahlung durchgeführt werden muss
Language	a2	O	ISO code for language; currently only en, pl, cs permitted	ISO-Code für Sprache; derzeit nur en, pl, cs zulässig

Key	Format	CND	Description	Beschreibung
Plain	ans..50	O	A single value to be set by the merchant to return some information unencrypted in response/notify, e.g. the MID. "Plain"-parameter is part of encrypted "Data" in Computop Paygate and therefore protected against manipulation.	Ein einzelner Wert, der von Ihnen gesetzt werden kann, um Informationen wieder unverschlüsselt in der Antwort bzw. im Notify zurückzugeben, z.B. die MID. Da der "Plain"-Parameter Teil des verschlüsselten "Data" im Computop Paygate ist, ist dieser vor Manipulationen geschützt.


Key	Format	CND	Description	Beschreibung
Custom	ans..1024	O	"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. The Custom-value is added to the Computop Paygate response in plain text and the "I" 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. Please find a samples here: Custom	Der "Custom"-Parameter wird vor der Verschlüsselung an den Aufruf angehängt und ist Teil des verschlüsselten "Data" im Computop Paygate Aufruf. Dadurch ist der Wert gegen Manipulation geschützt. Der Custom-Wert wird dann in Klartext an die Computop Paygate-Antwort angehängt und dabei wird "I" durch "&" ersetzt. Dadurch können Sie einen Custom-Wert übergeben und bekommen mehrere Key-Value-Paare zu Ihrer eigenen Verwendung in der Antwort zurück. Hier finden Sie ein Beispiel: Custom


Key	Format	CND	Description	Beschreibung
			Purchaser data	Bestellerdaten
FirstName	ans..100	M	First name of the customer	Vorname des Kunden
LastName	ans..100	M	Last name of the customer	Nachname des Kunden
Email	ans..100	M	Email address of the customer	E-Mail-Adresse des Kunden
CustomerId	ans..64	C	Mandatory in case of Blik Scenario 2 (Payment using AuthCode with token registration).	Muss für Blik Szenario 2 (Zahlung mit AuthCode mit Token-Registrierung) gesendet werden.
Phone	ans..100	O	Customer's phone number	Telefonnummer des Kunden
SocialSecurityNumber	ans..100	O	Social security number	Sozialversicherungsnummer
			Delivery data	Lieferdaten
sdName	ans..100	C	Name. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.	Name. PayU empfiehlt im Fall der Zahlungsart TWISTO (PayType=dpcz) die Übergabe, welche Auswirkungen auf das Scoring-Ergebnis haben kann.
sdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.	Straße und Hausnummer Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden. PayU empfiehlt im Fall der Zahlungsart TWISTO (PayType=dpcz) die Übergabe, welche Auswirkungen auf das Scoring-Ergebnis haben kann.
sdAddressAddition	ans..100	O	Address c/o	Adresszusatz
sdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.	Postleitzahl Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden. PayU empfiehlt im Fall der Zahlungsart TWISTO (PayType=dpcz) die Übergabe, welche Auswirkungen auf das Scoring-Ergebnis haben kann.
sdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.	Stadt Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden. PayU empfiehlt im Fall der Zahlungsart TWISTO (PayType=dpcz) die Übergabe, welche Auswirkungen auf das Scoring-Ergebnis haben kann.

sdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too. In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result.	Ländercode (zwei- oder dreistellig gemäß ISO 3166-1 alpha-2, alpha3) Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden. PayU empfiehlt im Fall der Zahlungsart TWISTO (PayType=dpcz) die Übergabe, welche Auswirkungen auf das Scoring-Ergebnis haben kann.
sdState	ans..100	O	Federal state	Bundesland
sdEmail	ans..100	O	E-mail address	E-Mail-Adresse
sdPhone	ans..100	O	Telephone number	Telefonnummer
sdPOBox	ans..100	O	PO box	Postfach
ShippingData	ans..256	C	Selection of shipping provider. This parameter must have the following structure: Country,Price (in smallest currency unit),Name Several selection possibilities can be separated with a +. e.g. PL,700,UPS+PL,600,DHL In case of payment type TWISTO (PayType=dpcz) PayU recommends the submission, which can have impacts on the Scoring Result. The sum of prices from ArticleList and ShippingData must be equal to the parameter Amount . If you need to disable this check (e.g. for processing of gift cards) please contact the Computop Helpdesk and also PayU support.	Auswahl des Versanddienstleisters. Der Parameter muss folgenden Aufbau haben: Land,Preis (in der kleinsten Währungseinheit),Name Mehrere Auswahlmöglichkeiten können durch ein + getrennt werden. z.B. PL,700,UPS+PL,600,DHL PayU empfiehlt im Fall der Zahlungsart TWISTO (PayType=dpcz) die Übergabe, welche Auswirkungen auf das Scoring-Ergebnis haben kann. Die Summe der Preise aus ArticleList und ShippingData muss mit dem Parameter Amount übereinstimmen. Wenn diese Prüfung deaktiviert werden soll (z.B. für die Verarbeitung von Geschenk-Gutscheinen), so wenden Sie sich bitte an den Computop Helpdesk und an den PayU Support.
			Invoice data	Rechnungsdaten
bdName	ans..100	O	Name	Name
bdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too	Straße und Hausnummer Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdAddressAddition	ans..100	O	Address c/o	Adresszusatz
bdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too	Postleitzahl Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too	Stadt Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too	Ländercode (zwei- oder dreistellig gemäß ISO 3166-1 alpha-2, alpha3) Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdState	ans..100	O	Federal state	Bundesland
bdEmail	ans..100	O	E-mail address	E-Mail-Adresse
bdPhone	ans..100	O	Telephone number	Telefonnummer
bdPOBox	ans..100	O	PO box	Postfach
TaxNumber	n..30	O	National Identification Number (tax number)	National Identification Number (Steuernummer)
InvoiceFlag	n1	O	Defines if tick for invoice dispatch is displayed on the PayU page. 1 = tick is displayed 0 = tick is not displayed	Legt fest, ob der Haken zum Rechnungsversand auf der PayU-Seite angezeigt wird. 1 = Haken wird angezeigt 0 = Haken wird nicht angezeigt

Parameters for payments with PayU CEE Single

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:

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

 the key (e.g. MerchantId, 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
refnr	ns..30	O	Merchant's unique reference number
Status	a..30	M	<p>OK, FAILED or AUTHORIZE_REQUEST.</p> <p>If 10 seconds after the redirect to CallBack page no notify is received from PayU, the status "AUTHORIZE_REQUEST", Code "00000000" and Description "REQUEST" is submitted to the URLSuccess.</p> <p>Please note, the status "AUTHORIZE_REQUEST" will be sent only to URLSuccess and there is no call of URLNotify.</p> <p>Should Computop Paygate receive a further final PayU status for this open payment, it will be sent separately via URLNotify. If you don't want to process a separate final status via URLNotify this open payment can be cancelled via calling reverse.aspx and should PayU nevertheless receive a revenue this will automatically be refunded to the customer.</p>
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	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk
MAC	an64	M	<p>Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here:</p> <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify)
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
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> <p>Please find a samples here: Custom</p>
TransactionID	ans..32	O	ID for identification with PayU
AmountAuth	n..10	M	Authorized amount in the smallest currency unit (e.g. PLN Grosz)
AmountCap	n..10	M	Captured amount in the smallest currency unit (e.g. PLN Grosz)
AmountCred	n..10	M	Credited amount in the smallest currency unit (e.g. PLN Grosz)

Allowed PayMeths	ans..1024	C	<p>Base64-encoded JSON object.</p> <p>The object contains "blickToken" in the same format, as it was returned by PayU.</p> <p>Example of the object:</p> <pre>[{ "value": "TOKB_EaVSDM7dXXNlqXXExDdakvfviizKnIys", "type": "UID", "brandImageUrl": "https://static.payu.com/images/mobile/logos/pbl_blik.png", "bankApplicationReferences": [{ "key": "18422", "label": "ma...tt@co...om" }, { "key": "18407", "label": "ma...tt@co...om" }] }]</pre>
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Key	Format	CND	Description	Beschreibung
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.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate	Vom Paygate vergebene ID für alle einzelnen Transaktionen (Autorisierung, Buchung, Gutschrift), die für eine Zahlung durchgeführt werden

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
Status	a..30	M	<p>OK, FAILED or AUTHORIZE_REQUEST.</p> <p>If 10 seconds after the redirect to CallBack page no notify is received from PayU, the status "AUTHORIZE_REQUEST", Code "00000000" and Description "REQUEST" is submitted to the URLSuccess.</p> <p>Please note, the status "AUTHORIZE_REQUEST" will be sent only to URLSuccess and there is no call of URLNotify.</p> <p>Should Computop Paygate receive a further final PayU status for this open payment, it will be sent separately via URLNotify. If you don't want to process a separate final status via URLNotify this open payment can be cancelled via calling reverse.aspx and should PayU nevertheless receive a revenue this will automatically be refunded to the customer.</p>	<p>OK, FAILED oder AUTHORIZE_REQUEST.</p> <p>Sollte 10 Sekunden nach der Umleitung auf die CallBack-Seite kein Notify von PayU empfangen worden sein, wird als Status "AUTHORIZE_REQUEST", als Code "00000000" und als Description "REQUEST" an die URLSuccess übergeben.</p> <p>Bitte beachten Sie, der Status "AUTHORIZE_REQUEST" wird ausschließlich an die URLSuccess gemeldet, hierzu gibt es keinen URLNotify-Aufruf.</p> <p>Erhält das Computop Paygate auf dieses offene Payment einen weiteren finalen PayU Status, wird dieser separat via URLNotify gemeldet. Wenn Sie keinen separaten, finalen Status via URLNotify verarbeiten möchten, kann das offene Payment via Aufruf der reverse.aspx storniert werden und sollte PayU dennoch den Umsatz erhalten, wird dieser automatisch dem Kunden erstattet.</p>

Key	Format	CND	Description	Beschreibung
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!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Key	Format	CND	Description	Beschreibung
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk	Fehlercode von PayU, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk	Fehlertext von PayU, wenn mit Computop Helpdesk abgesprochen

Key	Format	CND	Description	Beschreibung
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) 	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.	Wenn beim Aufruf angegeben, übergibt das Paygate die Parameter mit dem Zahlungsergebnis an den Shop.

Key	Format	CND	Description	Beschreibung
Plain	ans..50	O	A single value to be set by the merchant to return some information unencrypted in response/notify, e.g. the MID. "Plain"-parameter is part of encrypted "Data" in Computop Paygate and therefore protected against manipulation.	Ein einzelner Wert, der von Ihnen gesetzt werden kann, um Informationen wieder unverschlüsselt in der Antwort bzw. im Notify zurückzugeben, z.B. die MID. Da der "Plain"-Parameter Teil des verschlüsselten "Data" im Computop Paygate ist, ist dieser vor Manipulationen geschützt.

Key	Format	CND	Description	Beschreibung
Custom	ans..1024	O	"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. 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. Please find a samples here: Custom	Der "Custom"-Parameter wird vor der Verschlüsselung an den Aufruf angehängt und ist Teil des verschlüsselten "Data" im Computop Paygate Aufruf. Dadurch ist der Wert gegen Manipulation geschützt. Der Custom-Wert wird dann in Klartext an die Computop Paygate-Antwort angehängt und dabei wird " " durch "&" ersetzt. Dadurch können Sie einen Custom-Wert übergeben und bekommen mehrere Key-Value-Paare zu Ihrer eigenen Verwendung in der Antwort zurück. Hier finden Sie ein Beispiel: Custom

Key	Format	CND	Description	Beschreibung
TransactionID	ans..32	O	ID for identification with PayU	ID zur Identifizierung bei PayU
AmountAuthorized	n..10	M	Authorized amount in the smallest currency unit (e.g. PLN Grosz)	Autorisierter Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)
AmountCaptured	n..10	M	Captured amount in the smallest currency unit (e.g. PLN Grosz)	Gebuchter Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)
AmountCredited	n..10	M	Credited amount in the smallest currency unit (e.g. PLN Grosz)	Gutgeschriebener Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)

AllowedPaymentMethods	ans..1024	C	<p>Base64-encoded JSON object.</p> <p>The object contains "blikToken" in the same format, as it was returned by PayU.</p> <p>Example of the object:</p> <pre>[{ "value": "TOKB_EaVSDM7dXXNlqXXExDdakvfviizKnIys", "type": "UID", "brandImageUrl": "https://static.payu.com/images/mobile/logos/pbl_blik.png", "bankApplicationReferences": [{ "key": "18422", "label": "ma...tt@co...om" }, { "key": "18407", "label": "ma...tt@co...om" }] }]</pre>	<p>Base64 JSON object.</p> <p>Das Objekt enthält „blikToken“ im gleichen Format, wie es von PayU zurückgegeben wurde.</p> <p>Beispiel:</p> <pre>[{ "value": "TOKB_EaVSDM7dXXNlqXXExDdakvfviizKnIys", "type": "UID", "brandImageUrl": "https://static.payu.com/images/mobile/logos/pbl_blik.png", "bankApplicationReferences": [{ "key": "18422", "label": "ma...tt@co...om" }, { "key": "18407", "label": "ma...tt@co...om" }] }]</pre>
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Return parameters for URLSuccess, URLFailure and URLNotify with PayU CEE Single

Allowed Payment Methods

The request returns Blik token associated with the customer in this specific merchant/web shop.

The request can be used to retrieve the token before using it for Blik payment with token (Scenario 3).

<https://www.computop-paygate.com/PayUPayMethods.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.
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 digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
CustomerID	ans..64	M	Identifier of the customer in merchant's system/web shop. Must be the same as in token registration request (Blik Scenario 2).
Email	ans..100	M	Email address of the customer Must be the same as in token registration request (Blik Scenario 2).
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)

ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>
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Key	Format	CND	Description	Beschreibung
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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Hier eine Übersicht: A1 Währungstabelle

Key	Format	CND	Description	Beschreibung
CustomerID	ans..64	M	Identifier of the customer in merchant's system /web shop. Must be the same as in token registration request (Blik Szenario 2).	ID des Kunden im System des Händlers Muss dasselbe sein wie in der Zahlung mit AuthCode mit Token-Registrierung reuest (Blik Szenario 2).
Email	ans..100	M	Email address of the customer Must be the same as in token registration request (Blik Szenario 2).	E-Mail-Adresse des Kunden Muss dasselbe sein wie in der Zahlung mit AuthCode mit Token-Registrierung reuest (Blik Szenario 2).

Key	Format	CND	Description	Beschreibung
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) 	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einem Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p>Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>

Parameters for Allowed Payment Methods request.

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
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	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

AllowedPayMethods	ans..1024	C	<p>Base64-encoded JSON object.</p> <p>The object contains "blikToken" in the same format, as it was returned by PayU.</p> <p>Example of the object:</p> <pre>[{ "value": "TOKB_EaVSDM7dXXNlqXXExDdakvfviizKnIys", "type": "UID", "brandImageUrl": "https://static.payu.com/images/mobile/logos/pbl_blik.png", "bankApplicationReferences": [{ "key": "18422", "label": "ma...tt@co...om" }, { "key": "18407", "label": "ma...tt@co...om" }] }]</pre>
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Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)	OK (URLSuccess) oder FAILED (URLFailure)

Key	Format	CND	Description	Beschreibung
Description	ans..1024	M	Further details in the event that payment is rejected. Please d o not use the Description but the Code parameter for the transaction status analysis!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Key	Format	CND	Description	Beschreibung
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AllowedPaymentMethods	ans..1024	C	<p>Base64-encoded JSON object.</p> <p>The object contains "blickToken" in the same format, as it was returned by PayU.</p> <p>Example of the object:</p> <pre>[{ "value": "TOKB_EaVSDM7dXXNlqXXExDdakvfviizKnIys", "type": "UID", "brandImageUrl": "https://static.payu.com/images/mobile/logos/pbl_blik.png", "bankApplicationReferences": [{ "key": "18422", "label": "ma...tt@co...om" }, { "key": "18407", "label": "ma...tt@co...om" }] }]</pre>	<p>Base64 JSON object.</p> <p>Das Objekt enthält „blickToken“ im gleichen Format, wie es von PayU zurückgegeben wurde.</p> <p>Beispiel:</p> <pre>[{ "value": "TOKB_EaVSDM7dXXNlqXXExDdakvfviizKnIys", "type": "UID", "brandImageUrl": "https://static.payu.com/images/mobile/logos/pbl_blik.png", "bankApplicationReferences": [{ "key": "18422", "label": "ma...tt@co...om" }, { "key": "18407", "label": "ma...tt@co...om" }] }]</pre>
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Parameters for Allowed Payment Methods response.

Credit card payment with PayU CEE Single via form interface

In order to process a credit card payment with PayU CEE Single via a Paygate form, please use the following URL:

<https://www.computop-paygate.com/payssl.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
refnr	ns..30	O	Unique reference number which appears on your printed card account or in the EPA-file (Electronic Payment Advice). Format must be mutually agreed beforehand with Computop!
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 digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
MAC	an64	M	<p>Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here:</p> <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify)

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"> 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.
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>
RTF	a1	O	„I“ for initializing recurrent payments
Order Desc	ans..35	M	<p>Description of purchased goods, unit prices etc.</p> <p>The first 27 characters appear on the customer account statement.</p>
Order Desc2	ans..384	O	Quantity and description of the goods purchased, unit prices. Comma-delimited list, no special characters permitted.
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 "I" 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> <p>Please find a samples here: Custom</p>
Purchaser data			
FirstName	ans..100	M	First name of the customer
LastName	ans..100	M	Last name of the customer
Email	ans..100	M	Email address of the customer
Phone	ans..100	O	Customer's phone number
Social SecurityNumber	ans..100	O	Social security number

			Delivery data
sdName	ans..100	O	Name
sdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too.
sdAddressAddition	ans..100	O	Address c/o
sdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too.
sdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too.
sdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too.
sdState	ans..100	O	Federal state
sdEmail	ans..100	O	E-mail address
sdPhone	ans..100	O	Telephone number
sdPOBox	ans..100	O	PO box
			Invoice data
bdName	ans..100	O	Name
bdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too
bdAddressAddition	ans..100	O	Address c/o
bdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too
bdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too
bdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too
bdState	ans..100	O	Federal state
bdEmail	ans..100	O	E-mail address
bdPhone	ans..100	O	Telephone number
bdPOBox	ans..100	O	PO box
TaxNumber	n..30	O	National Identification Number (tax number)

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Unique reference number which appears on your printed card account or in the EPA-file (Electronic Payment Advice). Format must be mutually agreed beforehand with Computop!	Eindeutige Referenznummer, die auf Ihrer gedruckten Kartenabrechnung oder in der EPA-Datei (Electronic Payment Advice) erscheint. Das Format muss vorher mit Computop abgestimmt werden!

Key	Format	CND	Description	Beschreibung
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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Hier eine Übersicht: A1 Währungstabelle

Key	Format	CND	Description	Beschreibung
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) 	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
URLSuccess	ans..256	M	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 Pay gate and shop, please use the parameter UserData . <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. 	Vollständige URL, die das Paygate aufruft, wenn die Zahlung erfolgreich war. Die URL darf nur über Port 443 aufgerufen werden. Diese URL darf keine Parameter enthalten: Um Parameter durchzureichen nutzen Sie stattdessen den Parameter UserData . <p>i Allgemeine Hinweise:</p> <ul style="list-style-type: none"> Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden.

Key	Format	CND	Description	Beschreibung
URLFailure	ans..256	M	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 Pay gate and shop, please use the parameter UserData . <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. 	Vollständige URL, die das Paygate aufruft, wenn die Zahlung gescheitert ist. Die URL darf nur über Port 443 aufgerufen werden. Diese URL darf keine Parameter enthalten: Um Parameter durchzureichen nutzen Sie stattdessen den Parameter UserData . <p>i Allgemeine Hinweise:</p> <ul style="list-style-type: none"> Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess/URLNotify senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden.

Key	Format	CND	Description	Beschreibung
Response	a7	O	Status response sent by Paygate to URLSuccess and URLFailure , should be encrypted. For this purpose, transmit Response=encrypt parameter.	Die Status-Rückmeldung, die das Paygate an URLSuccess und URLFailure sendet, sollte verschlüsselt werden. Dazu übergeben Sie den Parameter Response=encrypt .

Key	Format	CND	Description	Beschreibung
URLNotify	ans..256	M	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>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. 	Vollständige URL, die das Paygate aufruft, um den Shop zu benachrichtigen. Die URL darf nur über Port 443 aufgerufen werden. Sie darf keine Parameter enthalten: Nutzen Sie stattdessen den Parameter UserData . <p>i Allgemeine Hinweise:</p> <ul style="list-style-type: none"> Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess/URLNotify senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden.

Key	Format	CND	Description	Beschreibung
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UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.	Wenn beim Aufruf angegeben, übergibt das Paygate die Parameter mit dem Zahlungsergebnis an den Shop.
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Key	Format	CND	Description	Beschreibung
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p>Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>

Key	Format	CND	Description	Beschreibung
RTF	a1	O	„I“ for initializing recurrent payments	„I“ zur Initialisierung von wiederkehrenden Zahlungen
Order Desc	ans..35	M	<p>Description of purchased goods, unit prices etc.</p> <p>The first 27 characters appear on the customer account statement.</p>	<p>Beschreibung der gekauften Waren, Einzelpreise usw.</p> <p>Die ersten 27 Zeichen erscheinen auf dem Kontoauszug des Kunden.</p>
Order Desc2	ans..384	O	Quantity and description of the goods purchased, unit prices. Comma-delimited list, no special characters permitted.	Anzahl und Beschreibung gekaufter Waren, Einzelpreise. Kommaseparierte Liste, keine Sonderzeichen zulässig.

Key	Format	CND	Description	Beschreibung
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>	<p>Ein einzelner Wert, der von Ihnen gesetzt werden kann, um Informationen wieder unverschlüsselt in der Antwort bzw. im Notify zurückzugeben, z.B. die MID.</p> <p>Da der "Plain"-Parameter Teil des verschlüsselten "Data" im Computop Paygate ist, ist dieser vor Manipulationen geschützt.</p>

Key	Format	CND	Description	Beschreibung
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 "I" 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> <p>Please find a samples here: Custom</p>	<p>Der "Custom"-Parameter wird vor der Verschlüsselung an den Aufruf angehängt und ist Teil des verschlüsselten "Data" im Computop Paygate Aufruf. Dadurch ist der Wert gegen Manipulation geschützt.</p> <p>Der Custom-Wert wird dann in Klartext an die Computop Paygate-Antwort angehängt und dabei wird "I" durch "&" ersetzt. Dadurch können Sie einen Custom-Wert übergeben und bekommen mehrere Key-Value-Paare zu Ihrer eigenen Verwendung in der Antwort zurück.</p> <p>Hier finden Sie ein Beispiel: Custom</p>

Key	Format	CND	Description	Beschreibung
			Purchaser data	Bestellerdaten
FirstName	ans..100	M	First name of the customer	Vorname des Kunden
LastName	ans..100	M	Last name of the customer	Nachname des Kunden
Email	ans..100	M	Email address of the customer	E-Mail-Adresse des Kunden
Phone	ans..100	O	Customer's phone number	Telefonnummer des Kunden
SocialSecurityNumber	ans..100	O	Social security number	Sozialversicherungsnummer
			Delivery data	Lieferdaten
sdName	ans..100	O	Name	Name
sdStreet	ans..100	C	<p>Street name and street number</p> <p>If Name is transmitted this parameter must be transmitted too.</p>	<p>Straße und Hausnummer</p> <p>Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.</p>

sdAddressAddition	ans..100	O	Address c/o	Adresszusatz
sdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too.	Postleitzahl Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.
sdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too.	Stadt Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.
sdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too.	Ländercode (zwei- oder dreistellig gemäß ISO 3166-1 alpha-2, alpha3) Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.
sdState	ans..100	O	Federal state	Bundesland
sdEmail	ans..100	O	E-mail address	E-Mail-Adresse
sdPhone	ans..100	O	Telephone number	Telefonnummer
sdPOBox	ans..100	O	PO box	Postfach
			Invoice data	Rechnungsdaten
bdName	ans..100	O	Name	Name
bdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too	Straße und Hausnummer Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdAddressAddition	ans..100	O	Address c/o	Adresszusatz
bdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too	Postleitzahl Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too	Stadt Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too	Ländercode (zwei- oder dreistellig gemäß ISO 3166-1 alpha-2, alpha3) Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdState	ans..100	O	Federal state	Bundesland
bdEmail	ans..100	O	E-mail address	E-Mail-Adresse
bdPhone	ans..100	O	Telephone number	Telefonnummer
bdPOBox	ans..100	O	PO box	Postfach
TaxNumber	n..30	O	National Identification Number (tax number)	National Identification Number (Steuernummer)

Parameters for credit card payments with PayU CEE Single

To adapt the layout of the SSL-page to your shop you can use the following unencrypted parameters to configure colours, fonts and images:

Key	Format	CND	Description
Template	ans..20	O	Name of XSLT-file with your own layout for the pay form. If you want to use the redesigned and downwards compatible Computop template, please transfer the template name "ct_compatible". If you want to use the responsive Computop template for mobile devices, please transfer the template name "ct_responsive".
Background	ans..256	O	Background ambience of form: URL for a background image - HTML-colour value for background colour as HEX value or - HTML-colour name

BGColor	ans..7	O	Form background colour: - HTML-colour value for background colour as HEX value or - HTML-colour name
BGImage	ans..256	O	Form background image: URL for a background image Please note that this value supersedes "BGColor".
FColor	ans..7	O	Text colour: - HTML-colour value as HEX value or - HTML-colour name
FFace	a..10	O	HTML-name for the font
FSize	n2	O	Number for font size
Language	a2	O	Language code: <de> German, <al> Albanian, <at> Austrian, <cz/cs> Czech, <dk> Danish, <en> English, <fi> Finnish, <fr> French, <gr> Greek, <hu> Hungarian, <it> Italian, <jp> Japanese, <nl> Dutch, <no> Norwegian, <pl> Polish, <pt> Portuguese, <ro> Romanian, <ru> Russian, <es> Spanish, <se> Swedish, <sk> Slovakian, <sl> Slovenian, <tr> Turkey, <zh> Simplified Chinese. No details means the language is German.
CCSelect	a..16	M	Determines preselected card type in the form: VISA, AMEX, JCB, DINERS, MasterCard, Cartes Bancaires, Bancontact, Maestro, Dankort, Hipercard, CBN, Airplus, ComfortCard, Discover, Elo, Auro, CUP
URLBack	ans..256	O	Complete URL which Paygate calls in case that Cancel is clicked by the customer. The parameter "URLBack" can be sent <ul style="list-style-type: none"> either as plain parameter (unencrypted) (compatibility mode) or be part of encrypted payment request parameters (preferred mode) In order to exchange values between Paygate and shop you may use something like this: URLBack= https://your.shop.com/back.php?param1%3Dvalue1%26param2%3Dvalue3%26status%3Dcancelled When user cancels payment this URL is called exactly like this and you may use URL Decode to extract parameter and values.
Center	n1	O	By default the form is centered vertically and horizontally. The value <1> centres the form at the top.
tWidth	ans..4	O	Width of table for input in the form as percent- (50%) or pixel values (320).
tHeight	ans..4	O	Height of table for input of the payment data in the form as percent- (70%) or pixel values (480).

Key	Format	CND	Description	Beschreibung
Background	ans..256	O	Background ambiance of form: URL for a background image - HTML-colour value for background colour as HEX value or - HTML-colour name	Formular Hintergrundumgebung: - URL für ein Hintergrundbild - HTML-Farbwert für Hintergrundfarbe als HEX-Wert oder - HTML-Farbname

Key	Format	CND	Description	Beschreibung
BGColor	ans..7	O	Form background colour: - HTML-colour value for background colour as HEX value or - HTML-colour name	Formular Hintergrundfarbe: - HTML-Farbwert für Hintergrundfarbe als HEX-Wert oder - HTML-Farbname

Key	Format	CND	Description	Beschreibung
BGImage	ans..256	O	Form background image: URL for a background image Please note that this value supersedes "BGColor".	Formular Hintergrundbild: URL für ein Hintergrundbild Beachten Sie bitte, dass dieser Wert „BGColor“ überschreibt.

Key	Format	CND	Description	Beschreibung
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FColor	ans..7	O	Text colour: - HTML-colour value as HEX value or - HTML-colour name	Textfarbe: - HTML-Farbwert als HEX-Wert oder - HTML-Farbname
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Key	Format	CND	Description	Beschreibung
FFace	a..10	O	HTML-name for the font	HTML-Name der Schriftart

Key	Format	CND	Description	Beschreibung
FSize	n2	O	Number for font size	Zahl für die Schriftgröße

Key	Format	CND	Description	Beschreibung
Language	a2	O	Language code: <de> German, <al> Albanian, <at> Austrian, <cz/cs> Czech, <dk> Danish, <en> English, <fi> Finnish, <fr> French, <gr> Greek, <hu> Hungarian, <it> Italian, <jp> Japanese, <nl> Dutch, <no> Norwegian, <pl> Polish, <pt> Portuguese, <ro> Romanian, <ru> Russian, <es> Spanish, <se> Swedish, <sk> Slovakian, <sl> Slovenian, <tr> Turkey, <zh> Simplified Chinese. No details means the language is German.	Sprachcode: <de> deutsch, <al> albanisch, <at> österreichisch, <cz/cs> tschechisch, <dk> dänisch, <en> englisch, <fi> finnisch, <fr> französisch, <gr> griechisch, <hu> ungarisch, <it> italienisch, <jp> japanisch, <nl> holländisch, <no> norwegisch, <pl> polnisch, <pt> portugiesisch, <ro> rumänisch, <ru> russisch, <es> spanisch, <se> schwedisch, <sk> slowakisch, <sl> slowenisch, <tr> türkisch, <zh> Simplified Chinese Ohne Angabe ist die Sprache Deutsch.
CCSelect	a..16	M	Determines preselected card type in the form: VISA, AMEX, JCB, DINERS, MasterCard, Cartes Bancaires, Bancontact, Maestro, Dankort, Hipercard, CBN, Airplus, ComfortCard, Discover, Elo, Auro, CUP	Bestimmt die vorausgewählte Kartenmarke im Formular: VISA, AMEX, JCB, DINERS, MasterCard, Cartes Bancaires, Bancontact, Maestro, Dankort, Hipercard, CBN, Airplus, ComfortCard, Discover, Elo, Auro, CUP

Key	Format	CND	Description	Beschreibung
URLBack	ans..256	O	Complete URL which Paygate calls in case that Cancel is clicked by the customer. The parameter "URLBack" can be sent <ul style="list-style-type: none"> either as plain parameter (unencrypted) (compatibility mode) or be part of encrypted payment request parameters (preferred mode) In order to exchange values between Paygate and shop you may use something like this: URLBack= https://your.shop.com/back.php?param1%3Dvalue1%26param2%3Dvalue3%26status%3Dcancelled When user cancels payment this URL is called exactly like this and you may use URL Decode to extract parameter and values.	Vollständige URL, die das Paygate aufruft, wenn der Kunde auf Abbruch klickt. Der Parameter "URLBack" kann <ul style="list-style-type: none"> sowohl unverschlüsselt ans Paygate übermittelt werden (Kompatibilitätsmodus) als auch in den verschlüsselten Übergabeparametern (bevorzugte Variante) Wenn Sie Parameter/Werte in der URLBack übergeben möchten, so können Sie folgende Methode verwenden: URLBack= https://your.shop.com/back.php?param1%3Dvalue1%26param2%3Dvalue3%26status%3Dcancelled Wenn der Kunde auf Abbruch klickt, so wird die URL genauso aufgerufen, so dass Sie URL Decode verwenden können, um Parameter und Werte zu extrahieren.


Key	Format	CND	Description	Beschreibung
Center	n1	O	By default the form is centered vertically and horizontally. The value <1> centres the form at the top.	Standardmäßig ist das Formular vertikal und horizontal zentriert. Der Wert <1> justiert es oben mittig.


Key	Format	CND	Description	Beschreibung
tWidth	ans..4	O	Width of table for input in the form as percent- (50%) or pixel values (320).	Breite der Tabelle im Eingabeformular als Prozent- (50%) oder Pixelwerte (320)

Key	Format	CND	Description	Beschreibung
tHeight	ans..4	O	Height of table for input of the payment data in the form as percent- (70%) or pixel values (480).	Höhe der Tabelle für die Eingabe der Bezahltdaten im Formular als Prozent- (70%) oder Pixelwerte (480)

Layout parameters for Paygate forms for credit card payments with PayU CEE Single

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:

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

 the key (e.g. MerchantId, 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
refnr	ns..30	O	Merchant's unique reference number
Status	a..30	M	<p>OK, FAILED or AUTHORIZE_REQUEST.</p> <p>If 10 seconds after the redirect to CallBack page no notify is received from PayU, the status "AUTHORIZE_REQUEST", Code "00000000" and Description "REQUEST" is submitted to the URLSuccess.</p> <p>Please note, the status "AUTHORIZE_REQUEST" will be sent only to URLSuccess and there is no call of URLNotify.</p> <p>Should Computop Paygate receive a further final PayU status for this open payment, it will be sent separately via URLNotify. If you don't want to process a separate final status via URLNotify this open payment can be cancelled via calling reverse.aspx and should PayU nevertheless receive a revenue this will automatically be refunded to the customer.</p>
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	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk
MAC	an64	M	<p>Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here:</p> <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify)
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
PCNr	n16	O	<p>Pseudo Card Number: Random number generated by Computop Paygate which represents a genuine credit card number. The pseudo card number (PCN) starts with 0 and the last 3 digits correspond to those of the real card number. The PCN can be used like a genuine card number for authorisation, capture and credits.</p> <p>PCNr is a response value from Computop Paygate and is sent as CCNr in Request or part of card-JSON</p>
CCBrand	a..22	O	In combination with PCNr: Name of credit card brand like Visa, MasterCard etc.
CCEpiry	n6	O	In combination with PCNr: Expiry date of the credit card in the format YYYYMM
MaskedCCNr	an..19	OC	Masked card number 6X4
TokenExt	an..64	C	For recurring payments (RTF=I) the Token is transmitted for referencing the credit card data
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> <p>Please find a samples here: Custom</p>
TransactionID	ans..32	O	ID for identification with PayU
AmountAuth	n..10	M	Authorized amount in the smallest currency unit (e.g. PLN Grosz)
AmountCap	n..10	M	Captured amount in the smallest currency unit (e.g. PLN Grosz)
AmountCred	n..10	M	Credited amount in the smallest currency unit (e.g. PLN Grosz)

Key	Format	CND	Description	Beschreibung
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.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate	Vom Paygate vergebene ID für alle einzelnen Transaktionen (Autorisierung, Buchung, Gutschrift), die für eine Zahlung durchgeführt werden

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
Status	a..30	M	<p>OK, FAILED or AUTHORIZE_REQUEST.</p> <p>If 10 seconds after the redirect to Callback page no notify is received from PayU, the status "AUTHORIZE_REQUEST", Code "00000000" and Description "REQUEST" is submitted to the URLSuccess.</p> <p>Please note, the status "AUTHORIZE_REQUEST" will be sent only to URLSuccess and there is no call of URLNotify.</p> <p>Should Computop Paygate receive a further final PayU status for this open payment, it will be sent separately via URLNotify. If you don't want to process a separate final status via URLNotify this open payment can be cancelled via calling reverse.aspx and should PayU nevertheless receive a revenue this will automatically be refunded to the customer.</p>	<p>OK, FAILED oder AUTHORIZE_REQUEST.</p> <p>Sollte 10 Sekunden nach der Umleitung auf die Callback-Seite kein Notify von PayU empfangen worden sein, wird als Status "AUTHORIZE_REQUEST", als Code "00000000" und als Description "REQUEST" an die URLSuccess übergeben.</p> <p>Bitte beachten Sie, der Status "AUTHORIZE_REQUEST" wird ausschließlich an die URLSuccess gemeldet, hierzu gibt es keinen URLNotify-Aufruf.</p> <p>Erhält das Computop Paygate auf dieses offene Payment einen weiteren finalen PayU Status, wird dieser separat via URLNotify gemeldet. Wenn Sie keinen separaten, finalen Status via URLNotify verarbeiten möchten, kann das offene Payment via Aufruf der reverse.aspx storniert werden und sollte PayU dennoch den Umsatz erhalten, wird dieser automatisch dem Kunden erstattet.</p>

Key	Format	CND	Description	Beschreibung
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!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Key	Format	CND	Description	Beschreibung
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk	Fehlercode von PayU, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk	Fehlertext von PayU, wenn mit Computop Helpdesk abgesprochen

Key	Format	CND	Description	Beschreibung
MAC	an64	M	<p>Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here:</p> <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify) 	<p>Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier:</p> <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.	Wenn beim Aufruf angegeben, übergibt das Paygate die Parameter mit dem Zahlungsergebnis an den Shop.

Key	Format	CND	Description	Beschreibung
PCNr	n16	O	<p>Pseudo Card Number: Random number generated by Computop Paygate which represents a genuine credit card number. The pseudo card number (PCN) starts with 0 and the last 3 digits correspond to those of the real card number. The PCN can be used like a genuine card number for authorisation, capture and credits.</p> <p>PCNr is a response value from Computop Paygate and is sent as CCNr in Request or part of card-JSON</p>	<p>Pseudo Card Number: Vom Computop Paygate generierte Zufallszahl, die eine reale Kreditkartennummer repräsentiert. Die Pseudokartennummer (PKN) beginnt mit 0, und die letzten 3 Stellen entsprechen denen der realen Kartennummer. Die PKN kann wie eine Kreditkartennummer für Autorisierung, Buchung und Gutschriften verwendet werden.</p> <p>PCNr ist ein Antwortwert von Computop Paygate und kann ebenfalls als CCNr im Request oder als Teil von card-JSON verwendet werden.</p>

Key	Format	CND	Description	Beschreibung
CCBrand	a..22	O	In combination with PCNr: Name of credit card brand like Visa, MasterCard etc.	In Verbindung mit PCNr: Bezeichnung der Kreditkartenmarke wie VISA, MasterCard etc.
CCEpiry	n6	O	In combination with PCNr: Expiry date of the credit card in the format YYYYMM	In Verbindung mit PCNr: Ablaufdatum der Kreditkarte im Format JJJJMM
Masked CCNr	an..19	OC	Masked card number 6X4	Maskierte Kartennummer 6X4
TokenExt	an..64	C	For recurring payments (RTF=I) the Token is transmitted for referencing the credit card data	Bei wiederkehrenden Zahlungen (RTF=I) wird der Token übergeben, um die Kreditkartendaten zu referenzieren

Key	Format	CND	Description	Beschreibung
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>	<p>Ein einzelner Wert, der von Ihnen gesetzt werden kann, um Informationen wieder unverschlüsselt in der Antwort bzw. im Notify zurückzugeben, z.B. die MID.</p> <p>Da der "Plain"-Parameter Teil des verschlüsselten "Data" im Computop Paygate ist, ist dieser vor Manipulationen geschützt.</p>

Key	Format	CND	Description	Beschreibung
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> <p>Please find a samples here: Custom</p>	<p>Der "Custom"-Parameter wird vor der Verschlüsselung an den Aufruf angehängt und ist Teil des verschlüsselten "Data" im Computop Paygate Aufruf. Dadurch ist der Wert gegen Manipulation geschützt.</p> <p>Der Custom-Wert wird dann in Klartext an die Computop Paygate-Antwort angehängt und dabei wird " " durch "&" ersetzt. Dadurch können Sie einen Custom-Wert übergeben und bekommen mehrere Key-Value-Paare zu Ihrer eigenen Verwendung in der Antwort zurück.</p> <p>Hier finden Sie ein Beispiel: Custom</p>

Key	Format	CND	Description	Beschreibung
Transaction ID	ans..32	O	ID for identification with PayU	ID zur Identifizierung bei PayU
AmountAuth	n..10	M	Authorized amount in the smallest currency unit (e.g. PLN Grosz)	Autorisierter Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)
AmountCap	n..10	M	Captured amount in the smallest currency unit (e.g. PLN Grosz)	Gebuchter Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)
AmountCred	n..10	M	Credited amount in the smallest currency unit (e.g. PLN Grosz)	Gutgeschriebener Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)

Return parameters for URLSuccess, URLFailure and URLNotify with PayU CEE Single

Credit card payment with PayU CEE Single via Server-to-Server connection

In order to process a recurring credit card payment with PayU CEE Single via a Server-to-Server connection, please use the following URL:

<https://www.computop-paygate.com/direct.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								
refnr	ns..30	O	Merchant's unique reference number								
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 digits 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)								
Capture	an..6	OM	Determines the type and time of capture. <table><tr><th>Capture Mode</th><th>Description</th></tr><tr><td>AUTO</td><td>Capturing immediately after authorisation (default value).</td></tr><tr><td>MANUAL</td><td>Capturing made by the merchant. Capture is normally initiated at time of delivery.</td></tr><tr><td><Number></td><td>Delay in hours until the capture (whole number; 1 to 696).</td></tr></table>	Capture Mode	Description	AUTO	Capturing immediately after authorisation (default value).	MANUAL	Capturing made by the merchant. Capture is normally initiated at time of delivery.	<Number>	Delay in hours until the capture (whole number; 1 to 696).
Capture Mode	Description										
AUTO	Capturing immediately after authorisation (default value).										
MANUAL	Capturing made by the merchant. Capture is normally initiated at time of delivery.										
<Number>	Delay in hours until the capture (whole number; 1 to 696).										
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.								
ReqID	ans..32	O	To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action. <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>								
RTF	a1	O	„I“ for initializing recurrent payments								
Order Desc	ans..35	M	Description of purchased goods, unit prices etc. <p>The first 27 characters appear on the customer account statement.</p>								
CCNr	n..19	M	Credit card number								
CCExpiry	n6	M	Credit card expiry date (YYYYMM), e.g. 202307								
CCBrand	a..2	M	Card brand: only VISA, MasterCard. Please note the spelling!								
Token Ext	an..64	M	Token for referencing the credit card data at PayU								
			Purchaser data								
FirstName	ans..100	M	First name of the customer								
LastName	ans..100	M	Last name of the customer								
Email	ans..100	M	Email address of the customer								
Phone	ans..100	O	Customer's phone number								
Social SecurityNumber	ans..100	O	Social security number								
			Delivery data								

sdName	ans..100	O	Name
sdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too.
sdAddressAddition	ans..100	O	Address c/o
sdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too.
sdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too.
sdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too.
sdState	ans..100	O	Federal state
sdEmail	ans..100	O	E-mail address
sdPhone	ans..100	O	Telephone number
sdPOBox	ans..100	O	PO box
Invoice data			
bdName	ans..100	O	Name
bdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too
bdAddressAddition	ans..100	O	Address c/o
bdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too
bdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too
bdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too
bdState	ans..100	O	Federal state
bdEmail	ans..100	O	E-mail address
bdPhone	ans..100	O	Telephone number
bdPOBox	ans..100	O	PO box
TaxNumber	n..30	O	National Identification Number (tax number)

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
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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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.
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Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Hier eine Übersicht: A1 Währungstabelle

Key	Format	CND	Description	Beschreibung
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) 	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description		Beschreibung	
Capture	an..6	OM	Determines the type and time of capture.		Bestimmt Art und Zeitpunkt der Buchung (engl. Capture).	
			Capture Mode	Description		
			AUTO	Capturing immediately after authorisation (default value).	AUTO	Buchung sofort nach Autorisierung (Standardwert).
			MANUAL	Capturing made by the merchant. Capture is normally initiated at time of delivery.	MANUAL	Buchung erfolgt durch den Händler - in der Regel die Buchung zum Zeitpunkt der Warenauslieferung bzw. Leistungserbringung.
			<Number>	Delay in hours until the capture (whole number; 1 to 696).	<Zahl>	Verzögerung in Stunden bis zur Buchung (ganze Zahl; 1 bis 696).

Key	Format	CND	Description	Beschreibung
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.	Wenn beim Aufruf angegeben, übergibt das Paygate die Parameter mit dem Zahlungsergebnis an den Shop.


Key	Format	CND	Description	Beschreibung
ReqID	ans..32	O	To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action. Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly. Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.	Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück. Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einem Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet. Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.


Key	Format	CND	Description	Beschreibung
RTF	a1	O	„I“ for initializing recurrent payments	„I“ zur Initialisierung von wiederkehrenden Zahlungen
OrderDesc	ans..35	M	Description of purchased goods, unit prices etc. The first 27 characters appear on the customer account statement.	Beschreibung der gekauften Waren, Einzelpreise usw. Die ersten 27 Zeichen erscheinen auf dem Kontoauszug des Kunden.
CCNr	n..19	M	Credit card number	Kreditkartennummer
CCEpiry	n6	M	Credit card expiry date (YYYYMM), e.g. 202307	Ablaufdatum der Kreditkarte (YYYYMM), z.B. 202307
CCBrand	a..2	M	Card brand: only VISA, MasterCard. Please note the spelling!	Kartenmarke: nur VISA, MasterCard. Bitte beachten Sie die Schreibweise!
TokenExt	an..64	M	Token for referencing the credit card data at PayU	Der Token, um die Kreditkartendaten bei PayU zu referenzieren

			Purchaser data	Bestellerdaten
FirstName	ans..100	M	First name of the customer	Vorname des Kunden
LastName	ans..100	M	Last name of the customer	Nachname des Kunden
Email	ans..100	M	Email address of the customer	E-Mail-Adresse des Kunden
Phone	ans..100	O	Customer's phone number	Telefonnummer des Kunden
SocialSecurityNumber	ans..100	O	Social security number	Sozialversicherungsnummer
			Delivery data	Lieferdaten
sdName	ans..100	O	Name	Name
sdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too.	Straße und Hausnummer Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.
sdAddressAddition	ans..100	O	Address c/o	Adresszusatz
sdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too.	Postleitzahl Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.
sdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too.	Stadt Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.
sdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too.	Ländercode (zwei- oder dreistellig gemäß ISO 3166-1 alpha-2, alpha3) Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden.
sdState	ans..100	O	Federal state	Bundesland
sdEmail	ans..100	O	E-mail address	E-Mail-Adresse
sdPhone	ans..100	O	Telephone number	Telefonnummer
sdPOBox	ans..100	O	PO box	Postfach
			Invoice data	Rechnungsdaten
bdName	ans..100	O	Name	Name
bdStreet	ans..100	C	Street name and street number If Name is transmitted this parameter must be transmitted too	Straße und Hausnummer Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdAddressAddition	ans..100	O	Address c/o	Adresszusatz
bdZIP	ans..10	C	Postcode If Name is transmitted this parameter must be transmitted too	Postleitzahl Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdCity	ans..100	C	Town If Name is transmitted this parameter must be transmitted too	Stadt Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdCountryCode	a..3	C	Country code (2 or 3 digits according to ISO 3166-1 alpha-2, alpha-3) If Name is transmitted this parameter must be transmitted too	Ländercode (zwei- oder dreistellig gemäß ISO 3166-1 alpha-2, alpha3) Wenn Name übergeben wird, muss auch dieser Parameter übergeben werden
bdState	ans..100	O	Federal state	Bundesland
bdEmail	ans..100	O	E-mail address	E-Mail-Adresse
bdPhone	ans..100	O	Telephone number	Telefonnummer
bdPOBox	ans..100	O	PO box	Postfach
TaxNumber	n..30	O	National Identification Number (tax number)	National Identification Number (Steuernummer)

Parameters for credit card payments with PayU CEE Single via socket connection

The following table describes the result parameters with which the Computop Paygate responds to your system

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

 the key (e.g. MerchantId, 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
refnr	ns..30	O	Merchant's unique reference number
Status	a..50	M	OK or AUTHORIZED (URLSuccess) as well as 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	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
Transaction ID	ans..32	O	ID for identification with PayU
AmountAuth	n..10	M	Authorized amount in the smallest currency unit (e.g. PLN Grosz)
AmountCap	n..10	M	Captured amount in the smallest currency unit (e.g. PLN Grosz)
AmountCred	n..10	M	Credited amount in the smallest currency unit (e.g. PLN Grosz)

Key	Format	CND	Description	Beschreibung
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.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate	Vom Paygate vergebene ID für alle einzelnen Transaktionen (Autorisierung, Buchung, Gutschrift), die für eine Zahlung durchgeführt werden

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK or AUTHORIZED (URLSuccess) as well as FAILED (URLFailure)	OK oder AUTHORIZED (URLSuccess) sowie FAILED (URLFailure)

Key	Format	CND	Description	Beschreibung
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!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Key	Format	CND	Description	Beschreibung
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk	Fehlercode von PayU, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk	Fehlertext von PayU, wenn mit Computop Helpdesk abgesprochen

Key	Format	CND	Description	Beschreibung
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.	Wenn beim Aufruf angegeben, übergibt das Paygate die Parameter mit dem Zahlungsergebnis an den Shop.

Key	Format	CND	Description	Beschreibung
Transaction ID	ans..32	O	ID for identification with PayU	ID zur Identifizierung bei PayU
AmountAuth	n..10	M	Authorized amount in the smallest currency unit (e.g. PLN Grosz)	Autorisierter Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)
AmountCap	n..10	M	Captured amount in the smallest currency unit (e.g. PLN Grosz)	Gebuchter Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)
AmountCred	n..10	M	Credited amount in the smallest currency unit (e.g. PLN Grosz)	Gutgeschriebener Betrag in der kleinsten Währungseinheit (z.B. PLN Grosz)

Result parameters for socket connection for PayU CEE Single

Capture of a payment with PayU CEE Single

Captures are possible via a Server-to-Server connection. To carry out a Capture for a credit card payment with PayU CEE Single via a Server-to-Server connection please use the following URL:

<https://www.computop-paygate.com/capture.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.
PayID	an32	M	ID assigned by Paygate for the payment to be captured
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 digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
refnr	ns..30	O	Merchant's unique reference number
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)

ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>
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Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment to be captured	Vom Paygate vergebene ID für die zu buchende Zahlung

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Hier eine Übersicht: A1 Währungstabelle


Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers


Key	Format	CND	Description	Beschreibung
MAC	an64	M	<p>Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here:</p> <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify) 	<p>Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier:</p> <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumericen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p>Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>

Parameters for captures of PayU CEE Single via socket connections

The following table describes the result parameters with which the Computop Paygate responds to your system

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

 the key (e.g. MerchantId, 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	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
refnr	ns..30	O	Merchant's unique reference number
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk

Key	Format	CND	Description	Beschreibung
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.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate	Vom Paygate vergebene ID für alle einzelnen Transaktionen (Autorisierung, Buchung, Gutschrift), die für eine Zahlung durchgeführt werden

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)	OK (URLSuccess) oder FAILED (URLFailure)

Key	Format	CND	Description	Beschreibung
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!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk	Fehlercode von PayU, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk	Fehlertext von PayU, wenn mit Computop Helpdesk abgesprochen

Response parameters for captures of PayU CEE Single via socket connections

Credit with reference

Credits (refunds) are possible via a Server-to-Server connection. For a Credit with reference to a capture the amount of the Credit is limited to the amount of the previous capture. To carry out a credit with a reference transaction, please use the following URL:

<https://www.computop-paygate.com/credit.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.
PayID	an32	M	ID assigned by Paygate for the payment to be credited
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 digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
refnr	ns..30	O	Merchant's unique reference number
Order Desc	ans..768	O	Description of refunded goods, unit prices, merchant's comment etc.
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)
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>

Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment to be credited	Vom Paygate vergebene ID für die gutzuschreibende Zahlung

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Hier eine Übersicht: A1 Währungstabelle

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers


Key	Format	CND	Description	Beschreibung
OrderDesc	ans..768	O	Description of refunded goods, unit prices, merchant's comment etc.	Beschreibung der gutgeschriebenen Artikel, Einzelpreise, Händlerkommentar etc.


Key	Format	CND	Description	Beschreibung
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) 	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
ReqId	ans..32	O	To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action. Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly. Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.	Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück. Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet. Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.

Parameters for credit payments with PayU CEE Single via socket connection

The following table describes the result parameters with which the Computop Paygate responds to your system

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

 the key (e.g. MerchantId, RefNr) should not be checked case-sentive

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	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk

Key	Format	CND	Description	Beschreibung
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.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate	Vom Paygate vergebene ID für alle einzelnen Transaktionen (Autorisierung, Buchung, Gutschrift), die für eine Zahlung durchgeführt werden

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)	OK (URLSuccess) oder FAILED (URLFailure)

Key	Format	CND	Description	Beschreibung
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!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Key	Format	CND	Description	Beschreibung
CodeExt	n..10	O	Error code from PayU, if agreed with Computop Helpdesk	Fehlercode von PayU, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop Helpdesk	Fehlertext von PayU, wenn mit Computop Helpdesk abgesprochen

Response parameters for credit payments with PayU CEE Single via socket connection

Reversal

Reversals are possible via a Server-to-Server connection. To carry out a reversal, please use the following URL:

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

Notice: Reverse.aspx does not only reverse authorisations, but any LAST TRANSACTION STAGE!! If the last transaction was a capture, Reverse.aspx initiates the reverse, e.g. a credit. Therefore, the utmost caution is urged. Use is at your own risk. We recommend checking the transaction status with Inquire.aspx before using Reverse.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.
PayID	an32	M	ID assigned by Paygate for the payment to be reversed
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 digits 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)
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>

Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment to be reversed	Vom Paygate vergebene ID für die zu stornierende Zahlung

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.


Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Hier eine Übersicht: A1 Währungstabelle


Key	Format	CND	Description	Beschreibung
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) 	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> HMAC-Authentisierung (Anfrage) HMAC-Authentisierung (Notify)

Key	Format	CND	Description	Beschreibung
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p>Notice: Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p>Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>

Parameters for reversals of payments with PayU CEE Single

The following table describes the result parameters with which the Computop Paygate responds to your system

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

 the key (e.g. MerchantId, 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	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

Key	Format	CND	Description	Beschreibung
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.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate	Vom Paygate vergebene ID für alle einzelnen Transaktionen (Autorisierung, Buchung, Gutschrift), die für eine Zahlung durchgeführt werden

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)	OK (URLSuccess) oder FAILED (URLFailure)

Key	Format	CND	Description	Beschreibung
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!	Nähere Beschreibung bei Ablehnung der Zahlung. Bitte nutzen Sie nicht den Parameter Description , sondern Code für die Auswertung des Transaktionsstatus!

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Response parameters for reversals of payments with PayU CEE Single

Batch processing via the interface

Basic information about using Batch files and about their structure can be found in the Batch Manager manual. Within batch processing not all functions are available which are usually available for the online interface.

This section describes the parameters which must be transferred within the data set (**Record**) for executing payments / credits with PayU CEE Single and which information can be found within the response file about the payment status.

Following table gives an overview of all batch versions that are possible for a specific action and their specialities:

Action	Version	Description
Capture	1.0 / 2.0	Standard version without return of parameter Code

	1.x / 2.x	with RefNr (valid for all versions other than 1.0)
Credit	1.0 / 2.0	Standard version without return of parameter Code
	1.x / 2.x	with RefNr (valid for all versions other than 1.0)

Description of the possible batch versions

The structure for a PayU payment within a Batch file to be submitted is the following:

```
HEAD,<MerchantID>,<Date>,<Version>
PayU,Capture,<Amount>,<Currency>,<TransID>,( <RefNr>,<PayID>
PayU,Credit,<Amount>,<Currency>,<TransID>,( <RefNr>,<PayID>
FOOT,<CountRecords>,<SumAmount>
```

Example for Master MID function:

```
HEAD,[Master]MerchantID,Date,2.x
Type,Action,[Slave]MID,Amount,Currency,TransID,Data (depends on Action)
FOOT,CountRecords,SumAmount
```

The following table describes the individual fields and values used within the data set (record) in the batch file:

Key	Format	CND	Description
Type	a..11	M	HEAD for Header, FOOT for Footer, PayU for PayU
Action	a..20	M	The parameter Action defines the type of transaction: Capture Credit
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 digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
refnr	ns..30	O	Merchant's unique reference number
PayID	an32	M	ID assigned by Paygate for this transaction

Key	Format	CND	Description	Beschreibung
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).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR, USD, GBP. Hier eine Übersicht: A1 Währungstabelle

Key	Format	CND	Description	Beschreibung
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

Key	Format	CND	Description	Beschreibung
refnr	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
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PayID	an32	M	ID assigned by Paygate for this transaction	Vom Paygate vergebene ID für diese Transaktion
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Description of fields within the record for Batch files

The record area within the response file for Batch transactions looks as follows:

```
HEAD,<MerchantID>,<Date>,<Version>
PayU,Capture,<Amount>,<Currency>,<TransID>,( <RefNr>,<PayID>,<Status>,<Code>
PayU,Credit,<Amount>,<Currency>,<TransID>,( <RefNr>,<PayID>,<Status>,<Code>
FOOT,<CountRecords>,<SumAmount>
```

The following table describes the response parameters which the Batch Manager saves in the Record area for each transaction (standard parameters not explained here, such as <TransID> or <RefNR> and request parameters are returned unchanged and correspond to the call as specified before):

Key	Format	CND	Description
Action	a..20	M	The parameter Action defines the type of transaction: Capture Credit
PayID	an32	M	ID assigned by Paygate for this transaction
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for this transaction	Vom Paygate vergebene ID für diese Transaktion

Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)	OK (URLSuccess) oder FAILED (URLFailure)

Key	Format	CND	Description	Beschreibung
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Description of result parameters within the record for Batch files