


PayU Hub

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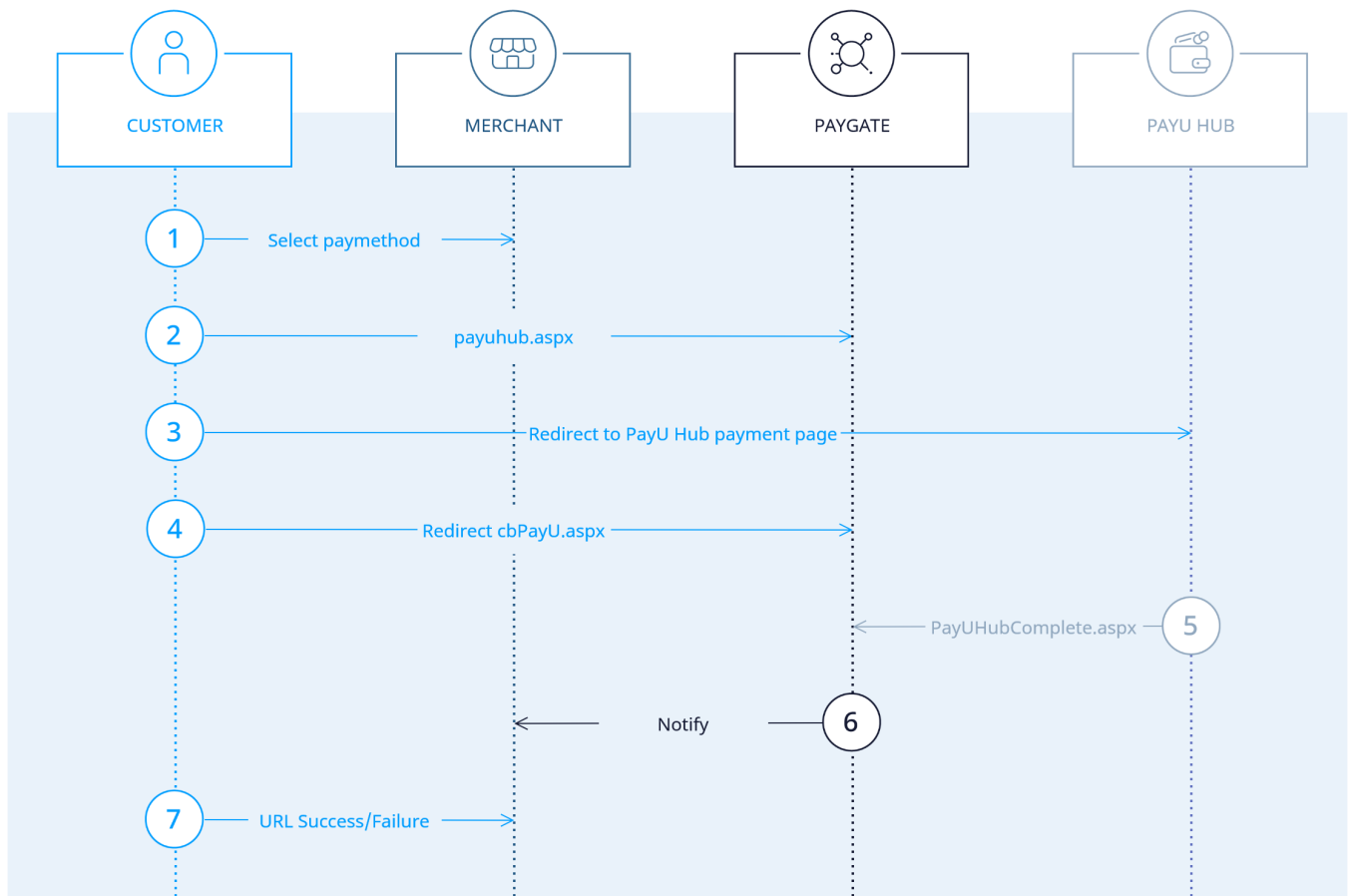
About PayU Hub

General information about payment methods via PayU Hub

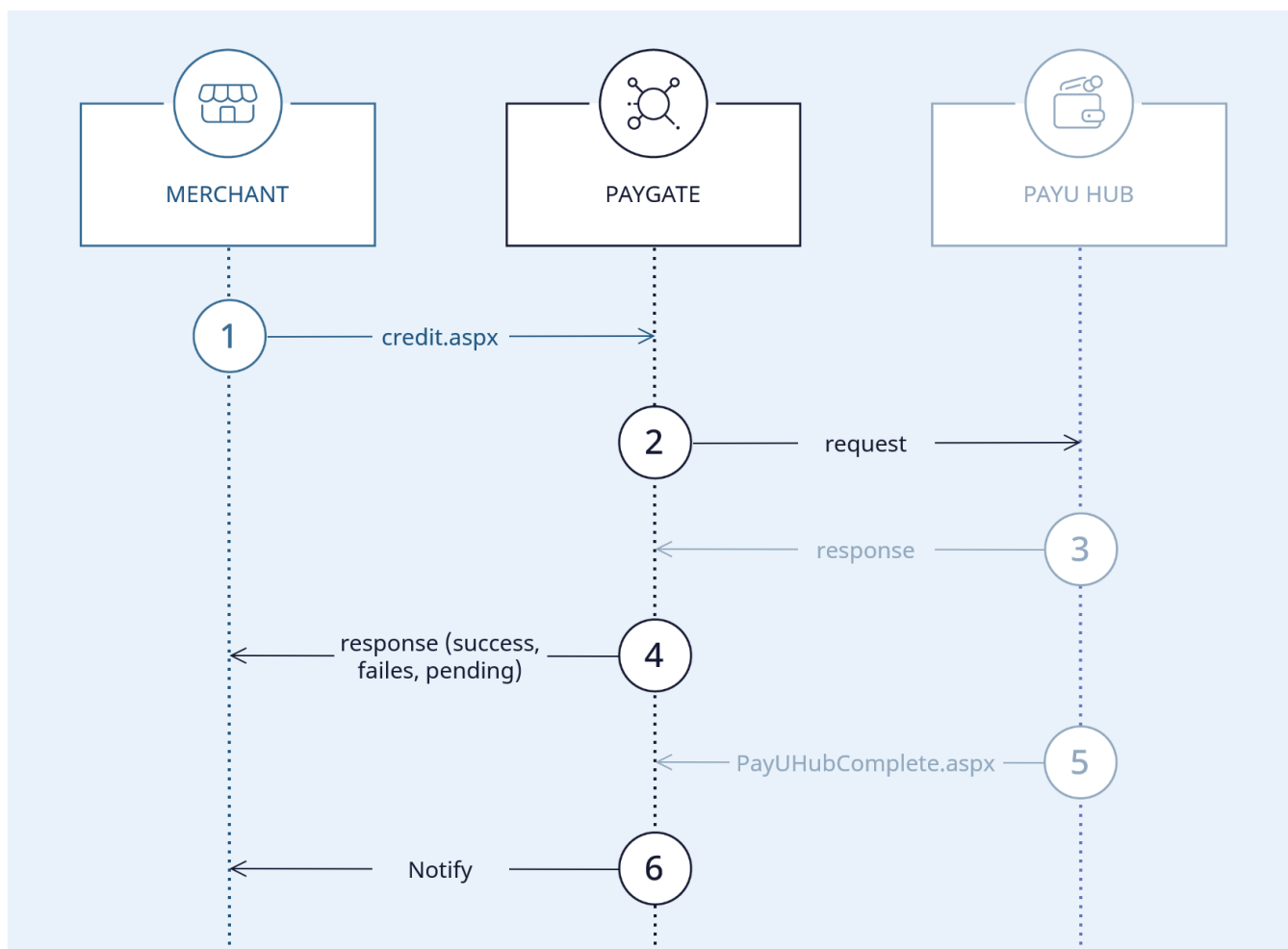
Logo	
Info	<p>PayU Hub allows to streamline and consolidate all aspects of payment stack into one, customizable payment platform. The new platform allows to integrate local and global payments together and enter new markets with minimal friction.</p> <p>PayU Hub enables a single and direct connection to popular global and local payment methods around the world. With hundreds of available payment methods, merchants can localize effectively and meet customers where they are.</p>
Type	Mixed payment methods

Card Scheme
MasterCard
VISA
AMEX
DINERS
RuPay

Process flow charts



Process flow PayU Hub WebCheckout



Process flow for PayU Hub Refund Asynchronous

Configuration

Credentials

For setting up the merchant for PayU Hub the [Computop Helpdesk](#) needs some information. These you can find in the PayU backend system (<https://control.paymentsos.com>) for your own merchant account under Account / Business Units.

The screenshot shows the PaymentsOS interface with the 'Business Units' section selected. The 'computop' business unit is configured with the following details:

- Business Unit Description:** For local tests and integration system
- Default Provider:** PayUIndia
- Configuration Name:** PayU India
- App ID:** [Redacted]
- Public API Key:** Created may 18, 2021, 10:44:47 [Redacted]
- Private API Key:** Created may 18, 2021, 10:44:47 [Redacted]

You need *App ID*, *Public API Key* and *Private API Key* from the system settings.

Transmit the values on a safe way to [Computop Helpdesk](#).

Webhook setup

On PayU backend system (<https://control.paymentsos.com>) under Account / Webhooks you should setup webhooks as follows.

The screenshot shows the PaymentsOS interface with the 'Webhooks' section selected. The 'computop' business unit is configured with the following details:

- Payment Event Alerts:**

	Create	Update	Filter
Payment			
Authorization		✓	
Capture		✓	
Charge		✓	
Refund		✓	
Void		✓	
Credit			
Authentication			
Dispute			
Risk Analysis			
Payment Method			
- Associated Business Units:** computop
- Webhook Version:** 1.3.0

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 Hub via Paygate form interface

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

<https://www.computop-paygate.com/payuhub.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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. 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 . <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	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>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	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.
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>
Order Desc	ans..100	M	Description of purchased goods, unit prices etc.
PayType	ans..25	O	Name of payment method to be executed. <p>In case the parameter is empty, the customer will be redirected to PayU Hub payment page. On PayU Hub payment page the customer can choose a payment method from list of available payment methods.</p> <p>Possible values for the parameter in case of PayU India as Provider:</p> <ul style="list-style-type: none"> Challan Dynamic_QR Netbanking UPI Airtel Money Amazon pay FreeCharge JioMoney Ola Money Paytm Pay Zapp Phonepe <p>Possible values for the parameter in case of PayU Iyzico as Provider:</p> <ul style="list-style-type: none"> Pay_with_izyico

BankCode	ans..25	C	Mandatory in case PayType=Netbanking
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
Customer data			
bdFirstName	ans..60	C	First name of the customer Mandatory in case Provider=PayU India
bdLastName	ans..20	C	Last name of the customer Mandatory in case Provider=PayU India
bdStreet	ans..100	O	Customer's street name
bdStreet2	ans..100	O	Customer's address addition
bdCity	ans..50	O	Town/city of the customer
bdZIP	ans..20	O	Postcode of the customer
bdState	ans..50	O	Customer's federal state
bdCountryCode	a..3	O	Country code of the customer according to ISO 3166; alphanumeric 2 or 3 characters
CustomerID	ans..128	O	Customer number. If customer number is not submitted instead the email address is transferred to PayU. The customer number is used to identify the customer in order to be able to select credit card data which might be stored with PayU.
bdEmail	ans..128	C	Email address of the customer Mandatory in case Provider=PayU India, Provider=PayU Mexico, Provider=PayU Single (Poland), Provider=PayU izico
bdPhone	ans..40	C	Customer's phone number Mandatory in case Provider=PayU India
Credit card payment (in case of credit card payment the following parameters are mandatory)			
CCNr	n..19	C	Credit card number at least 12-digit, numerical without spaces. You can optionally transmit also a pseudo card number (PCN).
CCVC	n..4	C	Card verification number: The last 3 digits on the signature strip of the credit card. 4 digits in the case of American Express.
CCExpiry	n6	C	Expiry date of the credit card in the format YYYYMM, e.g. 202807
CCBrand	a..22	C	Card brand: only VISA, MasterCard, AMEX, Diners, RuPay allowed. Please note the spelling!
CreditCardHolder	ans..60	C	Name of the credit card holder

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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR. Derzeit nur INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD 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 Paygate and shop, please use the parameter UserData . <p>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>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 Paygate and shop, please use the parameter UserData . <p>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>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>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>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
OrderDesc	ans..100	M	Description of purchased goods, unit prices etc.	Beschreibung der gekauften Waren, Einzelpreise usw.
PayType	ans..25	O	<p>Name of payment method to be executed.</p> <p>In case the parameter is empty, the customer will be redirected to PayU Hub payment page. On PayU Hub payment page the customer can choose a payment method from list of available payment methods.</p> <p>Possible values for the parameter in case of PayU India as Provider:</p> <ul style="list-style-type: none"> • Challan • Dynamic_QR • Netbanking • UPI • Airtel Money • Amazon pay • FreeCharge • JioMoney • Ola Money • Paytm • Pay Zapp • Phonepe <p>Possible values for the parameter in case of PayU Iyzico as Provider:</p> <ul style="list-style-type: none"> • Pay_with_izyico 	<p>Name der auszuführenden Zahlungsmethode.</p> <p>Falls der Parameter leer ist, wird der Kunde zur Zahlungsseite von PayU Hub weitergeleitet. Auf der Zahlungsseite von PayU Hub kann der Kunde eine Zahlungsmethode aus der Liste der verfügbaren Zahlungsmethoden auswählen.</p> <p>Mögliche Werte für den Parameter bei PayU India als Provider:</p> <ul style="list-style-type: none"> • Challan • Dynamic_QR • Netbanking • UPI • Airtel Money • Amazon pay • FreeCharge • JioMoney • Ola Money • Paytm • Pay Zapp • Phonepe <p>Mögliche Werte für den Parameter bei PayU Iyzico als Provider:</p> <ul style="list-style-type: none"> • Pay_with_izyico
BankCode	ans..25	C	Mandatory in case PayType=Netbanking	Pflicht bei PayType=Netbanking

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
			Customer data	Kundendaten

bdFirst Name	ans..60	C	First name of the customer Mandatory in case Provider=PayU India	Vorname des Kunden
bdLast Name	ans..20	C	Last name of the customer Mandatory in case Provider=PayU India	Nachname des Kunden
bdStreet	ans..100	O	Customer's street name	Straßenname des Kunden
bdStreet2	ans..100	O	Customer's address addition	Adresszusatz des Kunden
bdCity	ans..50	O	Town/city of the customer	Ort des Kunden
bdZIP	ans..20	O	Postcode of the customer	Postleitzahl des Kunden
bdState	ans..50	O	Customer's federal state	Bundesstaat des Kunden
bdCountryCode	a..3	O	Country code of the customer according to ISO 3166; alphanumeric 2 or 3 characters	Ländercode des Kunden gemäß ISO 3166; alphanumerisch 2 oder 3 Zeichen
CustomerID	ans..128	O	Customer number. If customer number is not submitted instead the email address is transferred to PayU. The customer number is used to identify the customer in order to be able to select credit card data which might be stored with PayU.	Kundennummer. Wird die Kundennummer nicht angegeben, wird stattdessen die E-Mail-Adresse an PayU übermittelt. Die Kundennummer dient der Identifizierung des Kunden, um ggf. bei PayU hinterlegte Kreditkartendaten auswählen zu können.
bdEmail	ans..128	C	Email address of the customer Mandatory in case Provider=PayU India, Provider=PayU Mexico, Provider=PayU Single (Poland), Provider=PayU izico	E-Mail-Adresse des Kunden Obligatorisch falls Provider=PayU India
bdPhone	ans..40	C	Customer's phone number Mandatory in case Provider=PayU India	Telefonnummer des Kunden Obligatorisch falls Provider=PayU India
			Credit card payment (in case of credit card payment the following parameters are mandatory)	Kreditkartenzahlung (bei Kreditkartenzahlung sind die folgenden Parameter obligatorisch)
CCNr	n..19	C	Credit card number at least 12-digit, numerical without spaces. You can optionally transmit also a pseudo card number (PCN).	Kreditkartennummer mindestens 12-stellig, numerisch ohne Leerzeichen. Optional können Sie auch eine Pseudokartennummer (PCN) übermitteln.
CCCVC	n..4	C	Card verification number: The last 3 digits on the signature strip of the credit card. 4 digits in the case of American Express.	Kartenprüfnummer: Die letzten 3 Ziffern auf dem Unterschriftsstreifen der Kreditkarte. 4 Ziffern bei American Express.
CCEpiry	n6	C	Expiry date of the credit card in the format YYYYMM, e.g. 202807	Ablaufdatum der Kreditkarte im Format JJJJMM, z.B. 202807
CCBrand	a..22	C	Card brand: only VISA, MasterCard, AMEX, Diners, RuPay allowed. Please note the spelling!	Kartenmarke: nur VISA, MasterCard, AMEX, Diners, RuPay erlaubt. Bitte beachten Sie die Schreibweise!
CreditCardHolder	ans..60	C	Name of the credit card holder	Name des Kreditkarteninhabers

Parameters for payments with PayU Hub WebCheckout

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..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	an8	M	Error code according to Paygate Response Codes (A4 Error codes)
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> HMAC Authentication (Request) HMAC Authentication (Notify)
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.
TransactionID	ans..64	O	Transaction ID from PayU
Channel	a..5	M	Name of payment category to be used with the following possible values: 'NB' for Net Banking, 'CC' for Credit Card, 'DC' for Debit Card, 'CASH' for Cash Card, 'EMI' for EMI, 'wallet' for PayUMoney, 'IVR' for IVR, 'COD' for Cash On Delivery
BankCode	a..5	M	Identification of the payment option used for the transaction: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
Brand	a..5	C	Specific card type: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
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

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	an8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

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
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
TransactionID	ans..64	O	Transaction ID from PayU	Transaktions-ID von PayU
Channel	a..5	M	Name of payment category to be used with the following possible values: 'NB' for Net Banking, 'CC' for Credit Card, 'DC' for Debit Card, 'CASH' for Cash Card, 'EMI' for EMI, 'wallet' for PayUMoney, 'IVR' for IVR, 'COD' for Cash On Delivery	Name der zu verwendenden Zahlungskategorie mit den folgenden möglichen Werten: 'NB' für Net Banking, 'CC' für Kreditkarte, 'DC' für Debitkarte, 'CASH' für Geldkarte, 'EMI' für EMI, 'Wallet' für PayUMoney, 'IVR' für IVR, 'COD' für Nachnahme
BankCode	a..5	M	Identification of the payment option used for the transaction: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR	Identifizierung der für die Transaktion verwendeten Zahlungsoption: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
Brand	a..5	C	Specific card type: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR	Spezifischer Kartentyp: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR

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

Return parameters for URLSuccess, URLFailure and URLNotify with PayU Hub WebCheckout

Credit card payment with PayU Hub via form interface

In order to execute a credit card payment 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	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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. 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 . i 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 . i 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. i 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	<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>
Order Desc	ans..100	M	Description of purchased goods, unit prices etc.
RTF	a1	O	„I“ for initializing recurrent payments
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>
Customer data			
bdFirstName	ans..60	C	<p>First name of the customer</p> <p>Mandatory in case Provider=PayU India</p>
bdLastName	ans..20	C	<p>Last name of the customer</p> <p>Mandatory in case Provider=PayU India</p>
bdStreet	ans..100	O	Customer's street name
bdStreet2	ans..100	O	Customer's address addition
bdCity	ans..50	O	Town/city of the customer
bdZIP	ans..20	O	Postcode of the customer
bdState	ans..50	O	Customer's federal state
bdCountryCode	a..3	O	Country code of the customer according to ISO 3166; alphanumeric 2 or 3 characters
CustomerID	ans..128	O	<p>Customer number.</p> <p>The customer number is used to identify the customer at PayU. If this is submitted the PayU stores the card number.</p> <p>If CustomerID is transmitted to PayUHub.aspx for subsequent payments the customer only needs to input the CVC within the form.</p>
bdEmail	ans..128	C	<p>Email address of the customer</p> <p>Mandatory in case Provider=PayU India, Provider=PayU iyzico, Provider=PayU Single (Poland), Provider=PayU Mexico</p>
bdPhone	ans..40	C	<p>Customer's phone number</p> <p>Mandatory in case Provider=PayU India</p>

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	<p>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).</p>	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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR. Derzeit nur INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD 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 Paygate 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 Paygate 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
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
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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>
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Key	Format	CND	Description	Beschreibung
OrderDesc	ans..100	M	Description of purchased goods, unit prices etc.	Beschreibung der gekauften Waren, Einzelpreise usw.
RTF	a1	O	„I“ for initializing recurrent payments	„I“ zum Initialisieren wiederkehrender Zahlungen

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
			Customer data	Kundendaten
bdFirst Name	ans..60	C	<p>First name of the customer</p> <p>Mandatory in case Provider=PayU India</p>	Vorname des Kunden
bdLast Name	ans..20	C	<p>Last name of the customer</p> <p>Mandatory in case Provider=PayU India</p>	Nachname des Kunden
bdStreet	ans..100	O	Customer's street name	Straßenname des Kunden
bdStreet2	ans..100	O	Customer's address addition	Adresszusatz des Kunden
bdCity	ans..50	O	Town/city of the customer	Ort des Kunden
bdZIP	ans..20	O	Postcode of the customer	Postleitzahl des Kunden
bdState	ans..50	O	Customer's federal state	Bundesstaat des Kunden
bdCountryCode	a..3	O	Country code of the customer according to ISO 3166; alphanumeric 2 or 3 characters	Ländercode des Kunden gemäß ISO 3166; alphanumerisch 2 oder 3 Zeichen
CustomerId	ans..128	O	<p>Customer number.</p> <p>The customer number is used to identify the customer at PayU. If this is submitted the PayU stores the card number.</p> <p>If CustomerID is transmitted to PayUHub.aspx for subsequent payments the customer only needs to input the CVC within the form.</p>	<p>Kundennummer.</p> <p>Die Kundennummer dient der Identifizierung des Kunden bei PayU. Wird diese übermittelt, speichert PayU die Kartennummer.</p> <p>Wird die CustomerID für Folgezahlungen an PayUHub.aspx übermittelt, muss der Kunde lediglich den CVC innerhalb des Formulars eingeben.</p>

bdEmail	ans..128	C	Email address of the customer Mandatory in case Provider=PayU India, Provider=PayU Iyzico, Provider=PayU Single (Poland), Provider=PayU Mexico	E-Mail-Adresse des Kunden Obligatorisch falls Provider=PayU India
bdPhone	ans..40	C	Customer's phone number Mandatory in case Provider=PayU India	Telefonnummer des Kunden Obligatorisch falls Provider=PayU India

Parameters for credit card payments with PayU Hub

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 ambiance 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 (enum)	M	Language code: <de> German, <al> Albanian, <at> Austrian, <cz/cs> Czech, <dk> Danish, <en> English, <fi> Finish, <fr> French, <gr> Greek, <hu> Hungarian, <it> Italian, <jp> Japanese, <nl> Dutch, <no> Norwegian, <pl> Polish, <pt> Portuguese, <ro> Romanian, <ru> Russian, <sp> Spanish, <se> Swedish, <sk> Slovakian, <sl> Slovenian, <tr> Turkey, <zh> Simplified Chinese. No details means the language is German.
CCSelect	a..10	M	Determines preselected card type in the form: VISA, MasterCard, AMEX, Diners, RuPay
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
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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
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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
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

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 (enum)	M	Language code: <de> German, <al> Albanian, <at> Austrian, <cz/cs> Czech, <dk> Danish, <en> English, <fi> Finish, <fr> French, <gr> Greek, <hu> Hungarian, <it> Italian, <jp> Japanese, <nl> Dutch, <no> Norwegian, <pl> Polish, <pt> Portuguese, <ro> Romanian, <ru> Russian, <sp> 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, <tr> türkisch, <sp> spanisch, <se> schwedisch, <sk> slowakisch, <sl> slowenisch, <tr> türkisch, <zh> Simplified Chinese Ohne Angabe ist die Sprache Deutsch.
CCSelect	a..10	M	Determines preselected card type in the form: VISA, MasterCard, AMEX, Diners, RuPay	Bestimmt die vorausgewählte Kartenmarke im Formular: VISA, MasterCard, AMEX, Diners, RuPay

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

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..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	an8	M	Error code according to Paygate Response Codes (A4 Error codes)
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)
CodeExt	ans..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.

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
CCExpiry	n6	O	In combination with PCNr: Expiry date of the credit card in the format YYYYMM
MaskedPan	an..19	OC	Masked card number 6x4
TransactionID	ans..64	C	Transaction ID from PayU
TokenExt	an..64	C	For recurring payments (RTF=I) the Token is transmitted for referencing the credit card data
Channel	a..5	M	Name of payment category to be used with the following possible values: 'NB' for Net Banking, 'CC' for Credit Card, 'DC' for Debit Card, 'CASH' for Cash Card, 'EMI' for EMI, 'wallet' for PayUMoney, 'IVR' for IVR, 'COD' for Cash On Delivery
BankCode	a..5	M	Identification of the payment option used for the transaction: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
Brand	a..5	C	Specific card type: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
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>

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	an8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

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
CodeExt	ans..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
PCNr	n16	O	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. PCNr is a response value from Computop Paygate and is sent as CCNr in Request or part of card -JSON	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. PCNr ist ein Antwortwert von Computop Paygate und kann ebenfalls als CCNr im Request oder als Teil von card -JSON verwendet werden.

Key	Format	CND	Description	Beschreibung
CCBrand	a..22	O	In combination with PCNr: Name of credit card brand like Visa, MasterCard	In Verbindung mit PCNr: Bezeichnung der Kreditkartenmarke wie VISA, MasterCard
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
MaskedPan	an..19	OC	Masked card number 6x4	Maskierte Kartennummer 6x4
TransactionID	ans..64	C	Transaction ID from PayU	Transaktions-ID von PayU
TokenExt	an..64	C	For recurring payments (RTF=I) the Token is transmitted for referencing the credit card data	Für wiederkehrende Zahlungen (RTF=I) wird das Token als Referenz auf die Kreditkartendaten übertragen
Channel	a..5	M	Name of payment category to be used with the following possible values: 'NB' for Net Banking, 'CC' for Credit Card, 'DC' for Debit Card, 'CASH' for Cash Card, 'EMI' for EMI, 'wallet' for PayUMoney, 'IVR' for IVR, 'COD' for Cash On Delivery	Name der zu verwendenden Zahlungskategorie mit den folgenden möglichen Werten: 'NB' für Net Banking, 'CC' für Kreditkarte, 'DC' für Debitkarte, 'CASH' für Geldkarte, 'EMI' für EMI, 'Wallet' für PayUMoney, 'IVR' für IVR, 'COD' für Nachnahme
BankCode	a..5	M	Identification of the payment option used for the transaction: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR	Identifizierung der für die Transaktion verwendeten Zahlungsoption: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
Brand	a..5	C	Specific card type: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR	Spezifischer Kartentyp: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR

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	<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>

Return parameters for URLSuccess, URLFailure and URLNotify with PayU Hub

Credit card payment via Server-to-Server connection

In order to execute a recurring credit card payment with PayU Hub 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	C	Merchant's unique reference number. Mandatory for the initial payment of a new abo (RTF=I).								
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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. 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)								
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>								
Capture	an..6	OM	<div>Determines the type and time of capture.</div> <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..100	M	Description of purchased goods, unit prices etc.								

RTF	a1	O	„I“ for initializing recurrent payments
CCNr	n..19	M	Pseudo card number
CCExpiry	n6	M	Credit card expiry date (YYYYMM), e.g. 202807
CCBrand	a..22	M	Card brand: only VISA, MasterCard, AMEX, Diners, RuPay. Please note the spelling!
TokenExt	an..64	M	Token for referencing the credit card data with PayU
TransactionID	ans..64	M	TransactionID from PayU which is returned with the initial payment (RTF=I)
CustomerID	ans..128	O	Customer number. If customer number is not submitted instead the email address is transferred to PayU. The customer number is used to identify the customer in order to be able to select credit card data which might be stored with PayU.
eMail	ans..128	C	Email address of the customer Mandatory in case Provider=PayU India
Phone	ans..40	C	Customer's phone number Mandatory in case Provider=PayU India

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	C	Merchant's unique reference number. Mandatory for the initial payment of a new abo (RTF=I).	Eindeutige Referenznummer des Händlers. Obligatorisch für die Erstzahlung eines neuen Abos (RTF=I).

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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR. Derzeit nur INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD 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
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
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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>
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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	Buchungsart Beschreibung	
			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..100	M	Description of purchased goods, unit prices etc.	Beschreibung der gekauften Waren, Einzelpreise usw.
RTF	a1	O	„I“ for initializing recurrent payments	„I“ zum Initialisieren wiederkehrender Zahlungen
CCNr	n..19	M	Pseudo card number	Pseudokartenummer
CCExpiry	n6	M	Credit card expiry date (YYYYMM), e.g. 202807	Ablaufdatum der Kreditkarte (JJJJMM), z.B. 202807
CCBrand	a..22	M	Card brand: only VISA, MasterCard, AMEX, Diners, RuPay. Please note the spelling!	Kartenmarke: nur VISA, MasterCard, AMEX, Diners, RuPay. Bitte beachten Sie die Schreibweise!
Token Ext	an..64	M	Token for referencing the credit card data with PayU	Token zum Referenzieren der Kreditkartendaten bei PayU
TransactionID	ans..64	M	TransactionID from PayU which is returned with the initial payment (RTF=I)	Transaktions-ID von PayU, die mit der ursprünglichen Zahlung zurückgegeben wird (RTF=I)
CustomerID	ans..128	O	<p>Customer number.</p> <p>If customer number is not submitted instead the email address is transferred to PayU.</p> <p>The customer number is used to identify the customer in order to be able to select credit card data which might be stored with PayU.</p>	<p>Kundennummer.</p> <p>Wird die Kundennummer nicht angegeben, wird stattdessen die E-Mail-Adresse an PayU übermittelt.</p> <p>Die Kundennummer dient der Identifizierung des Kunden, um ggf. bei PayU hinterlegte Kreditkartendaten auswählen zu können.</p>
eMail	ans..128	C	<p>Email address of the customer</p> <p>Mandatory in case Provider=PayU India</p>	<p>E-Mail-Adresse des Kunden</p> <p>Obligatorisch falls Provider=PayU India</p>
Phone	ans..40	C	<p>Customer's phone number</p> <p>Mandatory in case Provider=PayU India</p>	<p>Telefonnummer des Kunden</p> <p>Obligatorisch falls Provider=PayU India</p>

Parameters for credit card payments with PayU Hub 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	an8	M	Error code according to Paygate Response Codes (A4 Error codes)
CodeExt	ans..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.
Channel	a..5	M	Name of payment category to be used with the following possible values: 'NB' for Net Banking, 'CC' for Credit Card, 'DC' for Debit Card, 'CASH' for Cash Card, 'EMI' for EMI, 'wallet' for PayUMoney, 'IVR' for IVR, 'COD' for Cash On Delivery
BankCode	a..5	M	Identification of the payment option used for the transaction: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
Brand	a..5	C	Specific card type: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR

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	an8	M	Error code according to Paygate Response Codes (A4 Error codes)	Fehlercode gemäß Paygate Antwort-Codes (A4 Fehlercodes)

Key	Format	CND	Description	Beschreibung
CodeExt	ans..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
Channel	a..5	M	Name of payment category to be used with the following possible values: 'NB' for Net Banking, 'CC' for Credit Card, 'DC' for Debit Card, 'CASH' for Cash Card, 'EMI' for EMI, 'wallet' for PayUMoney, 'IVR' for IVR, 'COD' for Cash On Delivery	Name der zu verwendenden Zahlungskategorie mit den folgenden möglichen Werten: 'NB' für Net Banking, 'CC' für Kreditkarte, 'DC' für Debitkarte, 'CASH' für Geldkarte, 'EMI' für EMI, 'Wallet' für PayUMoney, 'IVR' für IVR, 'COD' für Nachnahme
BankCode	a..5	M	Identification of the payment option used for the transaction: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR	Identifizierung der für die Transaktion verwendeten Zahlungsoption: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR
Brand	a..5	C	Specific card type: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR	Spezifischer Kartentyp: VISA, MAST, SAME, MAES, RUPAY, CC, AMEX, DINR

Result parameters for socket connection with PayU Hub

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>

For **PayUIndia** as Provider, credits (refunds) are **asynchronous**. This means that PayU Hub can respond with status "Refund Request Queued" for credit (refund) request. After credit (refund) processing, PayU Hub will send additional notification with results of the processing. Paygate will forward the additional notification to the merchant.

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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. 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>
Order Desc	ans..100	O	Description of refunded goods, unit prices, merchant's comment etc.

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. Presently only INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD permitted. Please find an overview here: A1 Currency table	Währung, drei Zeichen DIN / ISO 4217, z.B. EUR. Derzeit nur INR, USD, GBP, CAD, EUR, AED, QAR, OMR, SGD, AUD, HKD zulässig. Hier eine Übersicht: A1 Währungstabelle


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 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
OrderDesc	ans..100	O	Description of refunded goods, unit prices, merchant's comment etc.	Beschreibung der gutgeschriebenen Artikel, Einzelpreise, Händlerkommentar etc.

Parameters for credit of credit card payments with PayU Hub 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
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	an8	M	Error code according to Paygate Response Codes (A4 Error codes)
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	an8	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 of credit card payments with PayU Hub via socket connection