Hosted Payment Page

About Hosted Payment Page

Cookie-/session - handling

General information about Hosted Payment Page

The Hosted Payment Page is a checkout that contains only the step of selecting the payment method. It is a HTML form with responsive design that is displayed properly on all devices.

In the case of payments via Hosted Payment Page, the shop redirects its customers to the Paygate HTML form where they selects their payment method. After confirming the selection depending on the payment method Paygate forwards the customer to a Paygate HTML form or to a form from an external service provider and notifies the shop after completion about the payment result.

Following table contains the payment methods which you can use via Hosted Payment Page (click on header to sort by alphabet).

Payment type	PayType
Credit Card	Credit Card
PayPal	PayPal
Apple Pay	ApplePay
Google Pay	GooglePay
Direct debit	EDD
EPS	EPS
giropay	giropay
iDEAL	iDEAL
iDEAL via PPRO	iDEALPP
Instant Payment	OpenBank
Klarna	KlarnaPM
Paydirekt	Paydirekt
PostFinance	POSTFINPP
Sofort	Sofort
Alipay	Alipay
Bancontact	BanconPP
Bank Transfer	BankTranPP
BitPay	BitPayPP
Bluecode	Bluecode
Boleto	BoletoPP
Chinapay	Chinapay
CUP	CUPPP
Dragonpay	DragonPP
eNETS	ENETSPP
Finland Online Bank Transfer	FinOBTPP
Indonesia ATM	IndoATMPP
Multibanco	MultibanPP
My Bank	MyBankPP
MyClear FPX	MyClearPP

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Przelewy 24	P24PP
POLi	POLiPP
paysafecard	PSCPP
RHB Bank	RHBBankPP
SafetyPay	SafetyPPP
7-Eleven	SevenElePP
Skrill	SkrillPP
TrustPay	TrustPayPP
Wechat	WechatPP

Following table lists all card brands that can be uses via the Hosted Payment Page. When submitting the value CC in parameter PayTypes all brands are displayed that are configured for a certain merchant. Selecting specific brands can be done by submitting a string of the desired brand names separated by pipe signs.

Kreditkartenmarke / Scheme Names values for CCBrand
AirPlus
AMEX
ARGENCARD
Aura
Bancontact
CABAL
Cartes Bancaires
Maestro
CBN
CENCOSUD
ComfortCard
CUP
Dankort
DINERS
Discover
Elo
Hipercard
JCB
Maestro
MasterCard
NARANJA
RuPay
SHOPPING
TOTAL
VISA

Process of payment

To make payments via the Hosted Payment Page you send a request to following URL with HTTPS GET or HTTPS POST:

```
https://www.computop-paygate.com/paymentPage.aspx
```

All details required for payment processing are forwarded as parameters. The parameters are encrypted with Blowfish to ensure that neither the customer nor a third party can manipulate the data.

When calling the form Paygate decrypts the parameters and shows the HTML page with the payment methods. The customer selects the payment method and triggers the forwarding by clicking the button "Next".

After the payment has been made Paygate redirects the customers back to a shop page via HTTPS GET (URLSuccess, URLFailure) and transmits the result of the payment as a Blowfish-encrypted parameter string to these URLs. In addition Paygate transmits the result via HTTPS POST to the shop's Notify page (URLNotify). The shop accepts the payment result and decrypts the data in order to inform the customer about the status.

Calling the Hosted Payment Page

Calling the Hosted Payment Page starts with the correct composition of the parameters which consist of a key and a value and which are separated by an equals sign (=):

```
MerchantID=Test
```

All parameters are assembled in a character string and separated by the character &:

```
Amount=100&Currency=EUR&TransID=12345
```

Notice: Since the characters "=" and "&" are used as separating characters, these characters cannot be transmitted as values. All values which you transmit without BlowFish-encryption must be URL-Encoded.

A correct parameter character string for Paygate contains three basic parameters: MerchantID, Len and Data. The parameters MerchantID and Len are unencrypted. Only the Data parameter is Blowfish-encrypted:

```
MerchantID=Test&Len=67&Data=0A67FE96a65d384350F50FF1
```

The Data parameter contains the sensitive payment details such as amount and currency. The encrypted bytes are Hex-encoded and completed to two characters from the left with a zero. Encryption is via Blowfish ECB and is available to you as source-code and components.

The Len parameter is very important for encryption because it contains the length of the unencrypted(!) character string in the Data parameter. Since the data quantity to be encrypted is increased by a multiple of 8 in the case of the Blowfish encryption, the correct length of the character string must be known for decryption. Otherwise accidental characters emerge at the end of the character string.

The parameters are transmitted via HTTPS POST or HTTPS GET. The recommended transmit method is HTTPS POST because the parameter character string in the case of GET is attached to the URL, which is limited to 2048 bytes depending on the browser.

Notice: Please note that the maximum length of a payment request is limited to 5120 characters. If you require longer strings please contact Computop Helpdesk.

The following listings show the development of a payment request. The first listing is the unencrypted parameter character string:

```
MerchantID=Test&TransID=100000001&Amount=11&Currency=EUR&URLSuccess=https://www.shop.com/ok.
html&URLFailure=https://www.shop.com/failed.html&URLNotify=https://www.shop.com/notify.cgi&OrderDesc=My order
```

Notice: Please note that a value is to be assigned to each parameter. Do not transmit empty parameters, as this can cause the payment to fail.

This character string is encrypted and transmitted as the Data parameter. The HTTPS GET request for the Hosted Payment Page looks like this:

```
<a href=https://www.computop-paygate.com/paymentPage.aspx?
MerchantID=Test&Len=162&Data=E98D40FFFD622C5FE7414F73539A1852C2CE7C8B09D34DF217E27FA2E194B9968DE9ABAE3B1F44B548
5EFE3EF2597C7395BADBAD4340CDFD000DD57129EEFAA0BE904A7E2339DCF9363DA6ACDBE5EF98E169FC3092B160252A037135421FD
0CE092C174A7D1D63517BD45099AC2B682F5E3CD2C942A6F0E741A833C0&Language=en&URLBack=https://www.shop.com/canceled">
```

Notice: Please note that parameters like Language or URLBack are transmitted unencrypted. A table with all possible unencrypted parameters can be found also witihn this document.

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
dttm	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.

Parameters of the Hosted Payment Page

These parameters are mandatory for all payment methods and has to be submitted Blowfish-encrypted within the Data parameter to the Hosted Payment Page.

Notice: Please take all further parameters specifically for a payment method from the manual of that respective payment method.

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk, if you want to capture amounts <100 (smallest currency unit).

Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • HMAC Authentication (Request) • HMAC Authentication (Notify)
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
RefNr	ns..30	O	Unique reference number ⚠ exact format depends on the available paymethods for your MerchantId. Please choose your format in that way that all paymethods are covered.
OrderDesc	ans..384	M	Description of purchased goods, unit prices etc. Please note: The first 27 characters appear on the customer-account statement. You can view the full data in Computop Analytics.
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
URLSuccess	ans..256	M	Complete URL which calls up Paygate if payment has been successful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter UserData. **Common notes:** • 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. **Common notes:** • 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. **Common notes:** • 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.
ExpirationDate	ans..19	O	Timestamp for the end time of the transaction processing, specified in local european time (CET/DST). Will be changed to UTC soon. Format: YYYY-MM-ddTHH:mm:ss

Key	Format	CND	Description	Beschreibung
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk, if you want to capture amounts <100 (smallest currency unit).	Betrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Computop Helpdesk, wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

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

Key	Format	CND	Description	Beschreibung
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • HMAC Authentication (Request) • HMAC Authentication (Notify)	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: • HMAC-Authentisierung (Anfrage) • HMAC-Authentisierung (Notify)

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

Key	Format	CND	Description	Beschreibung
RefNr	ns..30	O	Unique reference number ⚠ exact format depends on the available paymethods for your MerchantId. Please choose your format in that way that all paymethods are covered.	eindeutige Referenznummer ⚠ das genaue Format hängt von den Zahlarten Ihrer MerchantId ab. Wählen Sie das Format so, dass alle möglichen Zahlarten kompatibel sind.
Order Desc	ans..384	M	Description of purchased goods, unit prices etc. Please note: The first 27 characters appear on the customer-account statement. You can view the full data in Computop Analytics.	Beschreibung der gekauften Waren, Einzelpreise etc. Bitte beachten Sie: Die ersten 27 Zeichen erscheinen auf dem Kontoauszug des Kunden. In Computop Analytics können Sie die kompletten Daten einsehen.

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
URLSuccess	ans..256	M	Complete URL which calls up Paygate if payment has been successful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Pay gate and shop, please use the parameter UserData. **Common notes:** • 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. **Allgemeine Hinweise:** • Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten • Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden.

Key	Format	CND	Description	Beschreibung
URLFailure	ans..256	M	Complete URL which calls up Paygate if payment has been unsuccessful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Pay gate and shop, please use the parameter UserData. **Common notes:** • 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 Paygateaufruft, 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. **Allgemeine Hinweise:** • 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 URL Failure, 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. **Common notes:** • 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. **Allgemeine Hinweise:** • 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
ExpirationDate	ans..19	O	Timestamp for the end time of the transaction processing, specified in local european time (CET /DST). Will be changed to UTC soon. Format: YYYY-MM-ddTHH:mm:ss	Zeitstempel für den Endzeitpunkt des PaymentPage-Aufrufes, Angabe derzeit in europäischer Zeit (CET/DST). Zeitzonen-Auswertung wird demnächst einheitlich auf UTC geändert. Format: YYYY-MM-ddTHH:mm:ss

Parameters for Hosted Payment Page

Following parameters are optional and can be submitted **unencrypted** to the Hosted Payment Page:

Key	Format	CND	Description
Template	ans..20	O	Name of XSLT-file with your own layout for the HPP pay form.
CCTemplate	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”. The payment method "Bancontact" can also be called via payssl.aspx. Therefore "template=ct_bcmc" has to be submitted mandatory, in order to the special Bancontact template will be used. It should be noted that Bancontact must already be selectable as a payment method in the checkout process. The template cannot be modified and must be used in exactly the same way, as it is based on strict Bancontact guidelines. **This is only valid for integration with Omnipay: EMS payment solutions.**|
SDDTemplate	ans..20	O	Name of XSLT-file with your own layout for the direct debit form. This is used only if the customer selects direct debit as payment method and clicks on „Next“ button. If you don't submit a value the responsive Computop direct debit form template is displayed.
Language	a2 (enum)	O	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, <es> Spanish, <se> Swedish, <sk> Slovakian, <sl> Slovenian, <tr> Turkey, <zh> Simplified Chinese. No details means the language is German. The supported languages may vary depending on the selected template.
URLBack	ans..256	O	Complete URL which Paygate calls in case that **Cancel is clicked** by the customer. The parameter "URLBack" can be sent • 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.
PayTypes	ans..256	O	With this parameter you can override the payment methods to be displayed, i.e. you can decide within this parameter separated by pipe which of the available payment methods are displayed. Take the possible values from the column PayType within the table of payment methods given above. Example: …&PayTypes=CC|EDD|Alipay

Key	Format	CND	Description	Beschreibung
URLBack	ans..256	O	Complete URL which Paygate calls in case that **Cancel is clicked** by the customer. The parameter "URLBack" can be sent • either as plain parameter (unencrypted) (compatibility mode) • or be part of encrypted payment request parameters (preferred mode) In order to exchange values between Paygate and shop you may use something like this: `URLBack=https://your.shop.com/back.php?param1%3Dvalue1%26param2%3Dvalue3%26status%3Dcancelled` When user cancels payment this URL is called exactly like this and you may use URL Decode to extract parameter and values.	Vollständige URL, die das Paygate aufruft, wenn der **Kunde auf Abbruch** klickt. Der Parameter "URLBack" kann • sowohl unverschlüsselt ans Paygate übermittelt werden (Kompabilitätsmodus) • als auch in den verschlüsselten Übergabeparametern (bevorzugte Variante) Wenn Sie Parameter/Werte in der URLBack übergeben möchten, so können Sie folgende Methode verwenden: `URLBack=https://your.shop.com/back.php?param1%3Dvalue1%26param2%3Dvalue3%26status%3Dcancelled` Wenn der Kunde auf Abbruch klickt, so wird die URL genauso aufgerufen, so dass Sie URL Decode verwenden können, um Parameter und Werte zu extrahieren.

Key	Format	CND	Description	Beschreibung

PayTypes	ans..256	O	With this parameter you can override the payment methods to be displayed, i.e. you can decide within this parameter separated by pipe which of the available payment methods are displayed. Take the possible values from the column PayType within the table of payment methods given above. Example: …&PayTypes=CC|EDD|Alipay	Mit diesem Parameter können Sie die anzuzeigenden Zahlarten übersteuern, d.h. sie können in diesem Parameter Pipe-getrennt entscheiden, welche der zur Verfügung stehenden Zahlarten angezeigt werden. De möglichen Werte entnehmen Sie aus der Spalte PayType in der obigen Tabelle der Zahlarten. Beispiel: …&PayTypes=CC|EDD|Alipay

Optional parameters for Hosted Payment Page

General response parameters of the Hosted Payment Page

These parameters are equally for all payment methods. With the parameter pt you can see which payment method the customer used. Please take all further parameters specifically for a payment method from the manual of that respective payment method.

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-sentive

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
pt	ans..256	O	Information about the used paytype according to the table of payment types above
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 or AUTHORIZE_REQUEST (URLSuccess) as well as FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please **do not** use the **Description but** the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • HMAC Authentication (Request) • HMAC Authentication (Notify)
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
Plain	ans..50	O	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
pt	ans..256	O	Information about the used paytype according to the table of payment types above	Informationen über die verwendete Zahlungsart gemäß obiger Tabelle der Zahlungsarten

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 or AUTHORIZE_REQUEST (URLSuccess) as well as FAILED (URLFailure)	OK oder AUTHORIZE_REQUEST (URLSuccess) sowie FAILED (URLFailure)

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

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

Key	Format	CND	Description	Beschreibung
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • HMAC Authentication (Request) • HMAC Authentication (Notify)	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: • HMAC-Authentisierung (Anfrage) • HMAC-Authentisierung (Notify)

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

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

Key	Format	CND	Description	Beschreibung
Custom	ans..1024	O	"Custom"-parameter is added to the request data before encryption and is part of encrypted "Data" in Computop Paygate request. By this they are protected against manipulation by a consumer. The Custom-value is added to the Computop Paygate response in plain text and the "|" is replaced by a "&". By this you can put a single value into Custom-parameter and get multiple key-value-pairs back in response for your own purpose. Please find a samples here: Custom	Der "Custom"-Parameter wird vor der Verschlüsselung an den Aufruf angehängt und ist Teil des verschlüsselten "Data" im Computop Paygate Aufruf. Dadurch ist der Wert gegen Manipulation geschützt. Der Custom-Wert wird dann in Klartext an die Computop Paygate-Antwort angehängt und dabei wird "|" durch "&" ersetzt. Dadurch können Sie einen Custom-Wert übergeben und bekommen mehrere Key-Value-Paare zu Ihrer eigenen Verwendung in der Antwort zurück. Hier finden Sie ein Beispiel: Custom

General response parameters for URLNotify, URLSuccess and URLFailure

Corporate PaymentPage: XSLT layout for forms

You can change the parameter Template to create an individual layout for your Hosted Payment Page form which exactly matches the shop layout To this end your graphic designer can design an HTML-template in the shop-design based on XSLT (Extensible Stylesheet Language Transformation). Computop Helpdesk copies this XSLT-template to our Paygate Server. If you enter the name of your XSLT-file in the Template parameter, the Paygate form will appear in your layout.

The XSLT templates for the Hosted Payment Page form have several advantages:

1. Merchants can bypass the costly PCI-security authorisation
2. The Hosted Payment Page is responsive, i.e. it works on Smartphones, Tablets or on the Laptop

For general information about XSLT see www.w3.org.

The subsequent conventions apply for the use of the Corporate Paypage with XSLT:

File names

A XSL file designed by you defines your individual layout. The associated XML file contains the texts that are to be displayed on the form. Hence, multilingualism is easy. Always use your MerchantID in the names of the files.

Purpose	Naming
XSL template	**MerchantID_PaymentPage.xsl**
XML text file	**MerchantID_PaymentPage.xml**
Sub folder for pictures, CSS- and JS-files	**Templates/imagesMerchantID_PaymentPage**

In order not to receive safety notices, please ensure that external image sources are retrieved via SSL.

In order to call the individual layout, use the ‘Template’ parameter with your MerchantID and attach it unencrypted to the call of the form of Hosted Payment Page, for example:

https://www.computop-paygate.com/paymentPage.aspx?MerchantID=IhreMID&Len=123&Data=AGSDJ…ASDF&template=IhreMerchantID

Hidden Fields

The following hidden fields must be implemented so that the values can be passed on when sending the form:

Value of	Name of hidden field
MerchantID	"MerchantID"
Request length	"Len"
Request data	"Data"
Template	"Template"
Language	"Language"
URL for back button	"URLBack"
Payment method	"PaymentMethod"
Credit card brand	"CreditCardBrand"

Language selection

The language selection on the Hosted Payment Page form occurs automatically depending on the parameter **Language**. Other language areas are filtered out. If you wish to access the field of another language area e.g. with JavaScript, you can do so via the following path: **paygate/language /@name**.

XML structure

The ‘Language’ parameter controls which section of the XML text file is read out. German ‘de’ is always used as standard.

The XML file should have the following basic structure:

```
<?xml version="1.0" encoding="utf-16"?>
      </languages>
            <language name="de">
                  <title>Zahlung</title>
                  ...
            </language>
            <language name="en">
                  <title>Payment</title>
                  ...
            </language>
      </languages>
```

‘UTF-8’ is also possible for the encoding.

With **<xsl:variablename=“ select=“paygate/language/@name”/>** you can directly address an XML language section from the XSL file.

For an overview of which parameters are rendered by the Hosted Payment Page, please examine the following structure (XSL file is rendered against the following XML string):

```
strXML = "<?xml version='1.0' encoding='windows-1252'?>" & _
<paygate>
      <merchantID>...</merchantID>
      <len>257</len>
      <data>E98D4...F7065</data>
      <template>
      <urlBack><![CDATA[http://www.google.de]]></urlBack>
      <paymentMethods>
            <VISA type="CC" displayName="Visa"/>
            <MasterCard type="CC" displayName="MasterCard"/>
            <AMEX type="CC" displayName="American Express"/>
            <DINERS type="CC" displayName="Diners Club International"/>
            <Discover type="CC" displayName="Discover"/>
            <JCB type="CC" displayName="JCB"/>
            <EDD lowercase="edd">
            <PayPal lowercase=="paypal">
            <iDEAL lowercase=="ideal">
      </paymentMethods>
      <language name="de">
            <title>Zahlung</title>
            ...
      </language>
</paygate>
```

In your XSL file you can access each single value within this XML structure which is rendered in the backend based on the XML language file and additional values.

JavaScript

You can find individual JavaScript methods either in the HEAD section of your XSL file or within the file main.js that can be found in the images folder at **Templates/imagesMerchantID_PaymentPage/js**.

Notice: Please do not use any external links to your JavaScript!