BillPay

About BillPay

General information about BillPay

With BillPay the merchant sends the invoice with the logo and bank details of BillPay. BillPay pays the invoice amount and takes over the complete downstream debtor management.

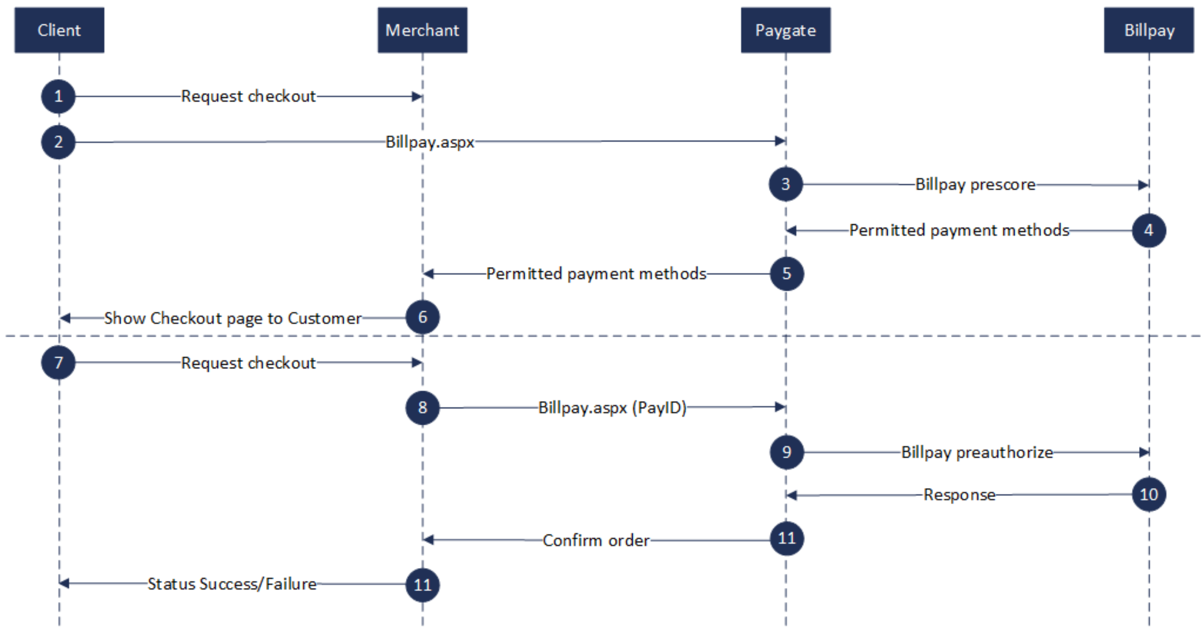
Notice: Billpay will be discontinued at end of March 2022.

Logo	
Info	BillPay enables merchants to offer purchase on account in Germany, Austria, Switzerland and the Netherlands or purchase by direct debit in Germany and Austria. Instalment payments can also be offered in Germany and Austria with PayLater. A graphic snippet provided by BillPay simplifies the calculation of instalments and reduces programming work. A 100% disbursement takes place already after the first month.
Type	Mixed payment methods

Further information can be found at the webpage of BillPay (https://www.billpay.de).

Notice: For a simpler integration into the merchant's shop, BillPay has a Javascript widget which displays BillPay's payment methods in the checkout process, which must be implemented. The documentation of the widget is available on the website https://techdocs.billpay.de/de/An_Entwickler/JavaScript-Widget.html.

Process flow chart



BillPay process flow including payment method control PreScore (above the middle line)

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.

Calling the interface for Billpay invoice purchase

This chapter describes how to initiate a BillPay payment. After successful initialisation you can post BillPay payments on delivery. Additionally you can partly activate BillPay reservations and in this way set the date of payment for the customer. A subsequent change of the shopping cart is possible via the same interface and is described here. The cancellation of a BillPay payment is explained later in this document.

In order to execute a BillPay payment via server-to-server communication, please use the following URL:

https://www.computop-paygate.com/Billpay.aspx

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

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
refnr	ns..30	O	Merchant's unique reference number
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk, if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • HMAC Authentication (Request) • HMAC Authentication (Notify)
Language	a2	M	Language code according to ISO 639-1 (e.g. de for German)
NewCustomer	ans..5	M	Defines whether or not the purchaser is a new customer. Values: <YES>, <NO>, <GUEST>
BillPayAction	n1	M	Defines the method of payment used. Values: <1> for invoice purchase <2> for direct debit <4> for PayLater <7> for PayLater with assumption of debt <8> for invoice purchase with assumption of debt <9> for direct debit with assumption of debt
GtcValue	a..3	M	Defines whether or not the customer has confirmed BillPay's terms and conditions. Values: <YES> or <NO>
DateOfBirth	an10	MC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)
IpAddr	ans15	M	Customer´s IP address in IPv4 or IPv6 format
ActivationDelay	n..3	OC	Mandatory for BillPayAction = 7, 8 or 9 (assumption of debt) Number of days until fulfilment of service (e.g. start of journey)
CompanyOrPerson	a1	OC	Distinction of the purchaser as private person or company. Values: <F> for companies, <P> for persons, default value <P>. Obligatory for BillPay B2B
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)

			Invoice data
bdSalutation	a..15	M	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
bdTitle	ans..20	O	Title of the customer or contact person within the company on the invoice, e.g. Dr. or Prof.
bdFirstName	ans..50	M	First name of customer or contact person in company
bdLastName	ans..50	M	Last name of customer or contact person in company
bdStreet	a..50	M	Street name in the invoicing address
bdStreetNr	ans..5	M	Street number of the invoicing address
bdStreet2	a..50	O	Address addition in the billing address
bdZip	n5	M	Postcode in the invoicing address
bdCity	ans..50	M	Town/city of the invoicing address
bdCountryCode	a3	M	Country code in the billing address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.
EMail	ans..50	M	E-mail address of the customer or contact person on the invoicing address
Phone	ans..15	OC	Telephone number of the customer or contact person on the invoicing address. Obligatory for hire purchase (BillPayAction=3)
MobileNo	ans..50	O	Mobile telephone number of the customer on the invoicing address
			Delivery data
UseBillingData	a3	M	Is the invoicing address to be used as the delivery address? Permissible: <Yes> or <No>. If <No>, parameters for the delivery address become obligatory. If <Yes>, no parameters are transferred for the delivery address.
sdSalutation	a..15	C	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle Obligatory, if UseBillingData=No
sdTitle	ans..20	O	Title of the customer on the invoice, e.g. Dr. or Prof.
sdFirstName	ans..50	C	Obligatory, if UseBillingData=No: First name of customer or contact person in company
sdLastName	ans..50	C	Obligatory, if UseBillingData=No: Last name of customer or contact person in company
sdStreet	a..50	C	Obligatory, if UseBillingData=No: Street in the delivery address
sdStreetNr	ans..5	C	Obligatory, if UseBillingData=No: Street number of the delivery address
sdStreet2	a..50	O	Address addition in the delivery address
sdZip	n5	C	Obligatory, if UseBillingData=No: Postcode in the delivery address
sdCity	ans..50	C	Obligatory, if UseBillingData=No: Town/city of the delivery address
sdCountryCode	a3	C	Obligatory, if UseBillingData=No: Country code in the delivery address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.
sdPhone	ans..15	O	Telephone number of the customer in the delivery address
sdMobileNo	ans..50	O	Mobile telephone number of the customer in the delivery address
			Company data

CompanyName	ans..200	C	Company name. Obligatory if CompanyOrPerson=F
LegalForm	a..12	C	Legal form of the company. Obligatory, if CompanyOrPerson=F Values: <ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.
RegisterNumber	ans..20	C	Register of Companies number/commercial register Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies
HolderName	ans..100	C	Optional: Name of the firm owner Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies
TaxNumber	ans..20	C	VAT Reg. No. Notice: The specification of the VAT Reg. No. increases the probability of a hit
			Article and order data
ArticleList	ans..768	M	Customer's shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. - Artikcle type, optional, Obligatory for BillPayAction 7/8/9; n1: • 0: Other (default value) • 1: Flight • 2: Luggage with flight • 3: Combination of articles with flight • 4: Combination of articles without flight • 5: Hotel • 6: Travel insurance • 7: Car rental - Departure destination, optional, mandatory with article type 1-3; a..3 - Departure date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Arrival destination, optional, mandatory with article type 1-3; a..3 - Arrival date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Booking class, optional, mandatory with article type 1-3; a..2 (bc: Business class, fc: First class, co: Bus, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Round trip, ow: One-way, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Change of booking not possible, rf: Change of booking, chargeable, possible, fl: No change of booking fees, na: not available) Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype; departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype +…

Order Desc	ans..768	M	Customer’s complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546
Order History	ans..768	O	Customer’s order history/order information from the last 20 orders with the following information: - Historical order number., ans..20 - Date of order, format YYYYMMDD hh:mm:ss - Total price in the smallest currency unit, n..7 - Currency according to ISO 4217 - Payment method of the order with the following values: <0> Direct Debit, <1> Credit Card, <2> Advance Payment, <3> Cash on Delivery, <4> Paypal, <5> Online Transfer, <6> Invoice, <7> BillPay invoice, <100> Other. - Status of the order with the following values: <0> paid, <1> open, <2> reminder, <3> debt collection, <4> overpaid, <5> underpaid, <6> cancelled. Note on the structure of the OrderHistory: <;> separates the fields of an article data set <+> separates the article data sets A max. of 20 data records may be transferred Example: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate;hamount;hcurrency; hpaymenttype;hstatus+…
CustomerClassification	n1	O	Customer specification 0 – Customer has not yet ordered or has successfully completed payment for fewer than 2 orders 1 – Customer has already made successful payment for 2 or more orders
Limit	n..12	OC	Mandatory if CustomerClassification is transmitted: Numeric value Limit, based on the positive payment history x in Euro. If CustomerClassification=0 - and no successful payment: Limit=0 - and one successful payment: Limit=2500 If CustomerClassification=1 Rule Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Example: Payment history EUR 180 over 2 purchases: Limit = 180*200 = 36000
			Bank data
AccOwner	ans..50	M	First name and surname of the account holder (purchaser) Notice: Obligatory parameters if BillPayAction=2 (electronic direct debit) or 3 (instalment payment)
IBAN	ans..34	M	Customer's IBAN Notice: Obligatory parameters if BillPayAction=2 (electronic direct debit) or 3 (instalment payment)

BIC	an..11	OC	Customer's BIC Notice: Obligatory parameters if BillPayAction=2 (electronic direct debit) or 3 (instalment payment)
			in case of BillPay hire purchase
BpBaseAmount	n..7	C	Obligatory in case of hire purchase (BillPayAction=3): gross amount to be financed excluding fees. Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
BpRateCount	n..2	C	Obligatory in case of hire purchase (BillPayAction=3): Number of monthly instalments selected by purchaser, e.g. 6/9/12/18/24 Notice: BpRateCount is to be used together with PayID and BillPayAction for a subsequent call
			Travel data
TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer's travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency
TravelerList	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation;firstname;lastname;birthday;membership;program;membershipid+…

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

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

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

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. 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
Language	a2	M	Language code according to ISO 639-1 (e.g. de for German)	Sprachkennzeichen nach ISO 639-1 (z.B. de für Deutsch)
NewCustomer	ans..5	M	Defines whether or not the purchaser is a new customer. Values: <YES>, <NO>, <GUEST>	Definiert, ob der Käufer ein Neukunde ist. Werte: <YES>, <NO>, <GUEST>
BillPayAction	n1	M	Defines the method of payment used. Values: <1> for invoice purchase <2> for direct debit <4> for PayLater <7> for PayLater with assumption of debt <8> for invoice purchase with assumption of debt <9> for direct debit with assumption of debt	Definiert, welche Zahlungsart verwendet wird. Werte: <1> für Rechnungskauf <2> für Lastschrift <4> für PayLater <7> für PayLater mit Schuldbeitritt <8> für Rechnung mit Schuldbeitritt <9> für Lastschrift mit Schuldbeitritt
GtcValue	a..3	M	Defines whether or not the customer has confirmed BillPay's terms and conditions. Values: <YES> or <NO>	Definiert, ob der Kunde die AGB von BillPay bestätigt hat. Werte: <YES> oder <NO>
DateOfBirth	an10	MC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)	Geburtsdatum des Kunden im Format JJJJ-MM-TT (darf bei BillPay B2B nicht übergeben werden)
IpAddr	ans15	M	Customer´s IP address in IPv4 or IPv6 format	IP-Adresse des Kunden im Format IPv4 oder IPv6
ActivationDelay	n..3	OC	Mandatory for BillPayAction = 7, 8 or 9 (assumption of debt) Number of days until fulfilment of service (e.g. start of journey)	Pflicht bei BillPayAction = 7, 8 oder 9 (Schuldbeitritt) Anzahl der Tage bis zur Wahrnehmung der Dienstleistung (z.B. Reiseantritt)
CompanyOrPerson	a1	OC	Distinction of the purchaser as private person or company. Values: <F> for companies, <P> for persons, default value <P>. Obligatory for BillPay B2B	Unterscheidung des Käufers nach Privatperson oder Firma. Werte: <F> für Firmen, <P> für Personen, Standardwert <P>. Pflicht bei BillPay B2B
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)	SessionID zur Betrugsidentifizierung (muss gleich sein mit der SessionID aus dem JavaScript-Widget)
			Invoice data	**Rechnungsdaten**
bdSalutation	a..15	M	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle	Anrede des Kunden auf der Rechnung. Zulässige Werte: Männlich: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Weiblich: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
bdTitle	ans..20	O	Title of the customer or contact person within the company on the invoice, e.g. Dr. or Prof.	Titel des Kunden oder der Kontaktperson in der Firma auf der Rechnung, z.B. Dr. oder Prof.
bdFirstName	ans..50	M	First name of customer or contact person in company	Vorname des Kunden oder der Kontaktperson in der Firma
bdLastName	ans..50	M	Last name of customer or contact person in company	Nachname des Kunden oder der Kontaktperson in der Firma
bdStreet	a..50	M	Street name in the invoicing address	Straßenname der Rechnungsadresse
bdStreetNr	ans..5	M	Street number of the invoicing address	Hausnummer der Rechnungsadresse
bdStreet2	a..50	O	Address addition in the billing address	Adresszusatz der Rechnungsadresse
bdZip	n5	M	Postcode in the invoicing address	Postleitzahl der Rechnungsadresse
bdCity	ans..50	M	Town/city of the invoicing address	Ort der Rechnungsadresse
bdCountryCode	a3	M	Country code in the billing address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.	Ländercode der Rechnungsadresse dreistellig. Erlaubt sind derzeit Deutschland (DEU), Schweiz (CHE) und Österreich (AUT).
EMail	ans..50	M	E-mail address of the customer or contact person on the invoicing address	E-Mail-Adresse des Kunden oder der Kontaktperson in der Firma in der Rechnungsanschrift
Phone	ans..15	OC	Telephone number of the customer or contact person on the invoicing address. Obligatory for hire purchase (BillPayAction=3)	Telefonnummer des Kunden oder der Kontaktperson in der Firma in der Rechnungsanschrift. Bei Ratenkauf (BillPayAction=3) ist der Parameter Pflicht.
MobileNo	ans..50	O	Mobile telephone number of the customer on the invoicing address	Handy-Nummer des Kunden oder der Kontaktperson in der Rechnungsanschrift
			Delivery data	**Lieferdaten**
UseBillingData	a3	M	Is the invoicing address to be used as the delivery address? Permissible: <Yes> or <No>. If <No>, parameters for the delivery address become obligatory. If <Yes>, no parameters are transferred for the delivery address.	Soll die Rechnungsadresse als Lieferadresse genutzt werden? Zulässig: <Yes> oder <No>. Bei <No> werden Parameter zur Lieferadresse Pflicht. Bei <Yes> werden keine Parameter zur Lieferadresse übergeben.
sdSalutation	a..15	C	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle Obligatory, if UseBillingData=No	Anrede des Kunden auf der Rechnung. Zulässige Werte: Männlich: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Weiblich: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle Pflicht, wenn UseBillingData=No
sdTitle	ans..20	O	Title of the customer on the invoice, e.g. Dr. or Prof.	Titel des Kunden auf der Rechnung, z.B. Dr. oder Prof.
sdFirstName	ans..50	C	Obligatory, if UseBillingData=No: First name of customer or contact person in company	Pflicht, wenn UseBillingData=No: Vorname des Kunden oder der Kontaktperson in der Firma
sdLastName	ans..50	C	Obligatory, if UseBillingData=No: Last name of customer or contact person in company	Pflicht, wenn UseBillingData=No: Nachname des Kunden oder der Kontaktperson in der Firma
sdStreet	a..50	C	Obligatory, if UseBillingData=No: Street in the delivery address	Pflicht, wenn UseBillingData=No: Straßenname der Lieferadresse
sdStreetNr	ans..5	C	Obligatory, if UseBillingData=No: Street number of the delivery address	Pflicht, wenn UseBillingData=No: Hausnummer der Lieferadresse
sdStreet2	a..50	O	Address addition in the delivery address	Adresszusatz der Lieferadresse
sdZip	n5	C	Obligatory, if UseBillingData=No: Postcode in the delivery address	Pflicht, wenn UseBillingData=No: Postleitzahl der Lieferadresse
sdCity	ans..50	C	Obligatory, if UseBillingData=No: Town/city of the delivery address	Pflicht, wenn UseBillingData=No: Ort der Lieferadresse
sdCountryCode	a3	C	Obligatory, if UseBillingData=No: Country code in the delivery address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.	Pflicht, wenn UseBillingData=No: Ländercode der Lieferanschrift dreistellig. Erlaubt sind derzeit Deutschland (DEU), Schweiz (CHE) und Österreich (AUT).
sdPhone	ans..15	O	Telephone number of the customer in the delivery address	Telefonnummer des Kunden in der Lieferanschrift

sdMobileNo	ans..50	O	Mobile telephone number of the customer in the delivery address	Handy-Nummer des Kunden in der Lieferanschrift
			Company data	**Firmendaten**
CompanyName	ans..200	C	Company name. Obligatory if CompanyOrPerson=F	Firmenname. Pflicht, falls CompanyOrPerson=F
LegalForm	a..12	C	Legal form of the company. Obligatory, if CompanyOrPerson=F Values: <ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.	Rechtsform des Unternehmens. Pflicht, wenn CompanyOrPerson=F Werte:<ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.
RegisterNumber	ans..20	C	Register of Companies number/commercial register Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies	Handelsregisternummer/Firmenbuch Pflicht, wenn CompanyOrPerson=F und bestimmte Kombination von LegalForm und bdCountryCode zutrifft
HolderName	ans..100	C	Optional: Name of the firm owner Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies	Optional: Name des Firmeninhabers Pflicht, wenn CompanyOrPerson=F und bestimmte Kombination von LegalForm und bdCountryCode zutrifft
TaxNumber	ans..20	C	VAT Reg. No. Notice: The specification of the VAT Reg. No. increases the probability of a hit	Umsatzsteueridentifikationsnummer Hinweis: Die Angabe der USt-ID erhöht die Trefferwahrscheinlichkeit
			Article and order data	**Artikel- und Bestelldaten**
ArticleList	ans..768	M	Customer's shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. - Artikcle type, optional, Obligatory for BillPayAction 7/8/9; n1: • 0: Other (default value) • 1: Flight • 2: Luggage with flight • 3: Combination of articles with flight • 4: Combination of articles without flight • 5: Hotel • 6: Travel insurance • 7: Car rental - Departure destination, optional, mandatory with article type 1-3; a..3 - Departure date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Arrival destination, optional, mandatory with article type 1-3; a..3 - Arrival date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Booking class, optional, mandatory with article type 1-3; a..2 (bc: Business class, fc: First class, co: Bus, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Round trip, ow: One-way, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Change of booking not possible, rf: Change of booking, chargeable, possible, fl: No change of booking fees, na: not available) Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross; category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2; articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype; tickettype +…	Warenkorb des Kunden mit folgenden Artikeldaten: - Artikelnr., ans..20 - Anzahl, n..7 - Artikelname, ans..50 - Artikelbeschreibung, ans..50 - Artikelpreis netto in kleinster Währungseinheit, n..7 - Artikelpreis brutto in kleinster Währungseinheit, n..7 - Kategorie, ans.. - Subkategorie1, ans.. - Subkategorie2, ans.. - Artikeltyp, optional, Pflicht bei BillPayAction 7/8/9; n1: • 0: Anderes (Defaultwert) • 1: Flug • 2: Gepäck mit Flug • 3: Kombination aus Artikeln mit Flug • 4: Kombination aus Artikeln ohne Flug • 5: Hotel • 6: Reiseversicherung • 7: Autovermietung - Abreiseort, optional, Pflicht bei Artikeltyp 1-3; a..3 - Abreisedatum, optional, Pflicht bei Artikeltyp 1-3; n8 im Format YYYYMMDD - Ankunftsort, optional, Pflicht bei Artikeltyp 1-3; a..3 - Ankunftsdatum, optional, Pflicht bei Artikeltyp 1-3; n8 im Format YYYYMMDD - Buchungsklasse, optional, Pflicht bei Artikeltyp 1-3; a..2 (bc: Business-Klasse, fc: Erste Klasse, co: Bus, na: nicht verfügbar) - Routentyp, optional, Pflicht bei Artikeltyp 1-3; a..2 (rt: Rundreise, ow: Einweg, na: nicht verfügbar) - Tickettyp, optional, Pflicht bei Artikeltyp 1-3; a..2 (nr: Umbuchung nicht möglich, rf: Umbuchung gegen Gebühr möglich, fl: keine Umbuchungsgebühren, na: nicht verfügbar) Hinweis zum Aufbau der Artikelliste: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze Jeder Artikel wird als kompletter Artikeldatensatz übergeben: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross; category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2; articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype; tickettype +…

OrderDesc	ans..768	M	Customer's complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546	Gesamter Warenkorb des Kunden einschließlich Bestellung, Gebühren und Rabatten mit folgenden Daten: - Versandname (Name der Versandmethode), ans..50 - Versandkosten netto in kleinster Währungseinheit, n..7 - Versandkosten brutto in kleinster Währungseinheit, n..7 - Rabatt netto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Rabatt brutto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Gesamtpreis netto in kleinster Währungseinheit, n..7 - Gesamtpreis brutto in kleinster Währungseinheit, n..7 Hinweis zum Aufbau der Bestellinformation: <;> trennt die Felder der Bestellinformation Jede Bestellung wird als kompletter Datensatz übergeben. Alle übergebenen Daten werden validiert, wobei die Summe der Einzelpositionen den Gesamtpreis ergeben muss. Dabei muss gelten: Gesamtpreis brutto=Summe(Artikelanzahl x Artikelbruttopreis) + Versandkosten brutto – Rabatt brutto Gesamtpreis=Summe(Artikelanzahl x Artikelnettopreis) + Versandkosten – Rabatt Beispiel: Versandname;Versandkosten;Versandkosten brutto;Rabatt;Rabatt brutto;Gesamtpreis; Gesamtpreis brutto DHL Standard;336;400;1390;1654;22307;26546
OrderHistory	ans..768	O	Customer's order history/order information from the last 20 orders with the following information: - Historical order number., ans..20 - Date of order, format YYYYMMDD hh:mm:ss - Total price in the smallest currency unit, n..7 - Currency according to ISO 4217 - Payment method of the order with the following values: <0> Direct Debit, <1> Credit Card, <2> Advance Payment, <3> Cash on Delivery, <4> Paypal, <5> Online Transfer, <6> Invoice, <7> BillPay invoice, <100> Other. - Status of the order with the following values: <0> paid, <1> open, <2> reminder, <3> debt collection, <4> overpaid, <5> underpaid, <6> cancelled. Note on the structure of the OrderHistory: <;> separates the fields of an article data set <+> separates the article data sets A max. of 20 data records may be transferred Example: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate; hamount;hcurrency; hpaymenttype;hstatus+…	Bestellhistorie/Bestellinformation des Kunden der letzten 20 Bestellungen mit folgenden Informationen: - Historische Bestellnr., ans..20 - Bestelldatum, Format YYYYMMDD hh:mm:ss - Gesamtpreis in kleinster Währungseinheit, n..7 - Währung nach ISO 4217 - Zahlungsart der Bestellung mit folgenden Werten: <0> Lastschrift, <1> Kreditkarte, <2> Vorkasse, <3> Nachnahme, <4> PayPal, <5> Sofort/giropay, <6> Rechnung, <7> BillPay-Rechnung, <100> Sonstige. - Status der Bestellung mit folgenden Werten: <0> bezahlt, <1> offen, <2> Mahnwesen, <3> Inkasso, <4> überbezahlt, <5> unterbezahlt, <6> geplatzt. Hinweis zum Aufbau der OrderHistory: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze max. 20 Datensätze dürfen übergeben werden Beispiel: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate; hamount;hcurrency; hpaymenttype;hstatus+…
CustomerClassification	n1	O	Customer specification 0 – Customer has not yet ordered or has successfully completed payment for fewer than 2 orders 1 – Customer has already made successful payment for 2 or more orders	Kundenspezifikation 0 – Kunde hat noch nie bestellt oder weniger als 2 Bestellungen erfolgreich bezahlt 1 – Kunde hat bereits 2 oder mehr Bestellungen erfolgreich bezahlt
Limit	n..12	OC	Mandatory if CustomerClassification is transmitted: Numeric value Limit, based on the positive payment history x in Euro. If CustomerClassification=0 - and no successful payment: Limit=0 - and one successful payment: Limit=2500 If CustomerClassification=1 Rule Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Example: Payment history EUR 180 over 2 purchases: Limit = 180*200 = 36000	Pflicht, wenn CustomerClassification übermittelt wird: Numerischer Wert Limit, basierend auf der positiven Bezahlerfahrung x in Euro. Wenn CustomerClassification=0 - und keine erfolgreiche Zahlung: Limit=0 - und eine erfolgreiche Zahlung: Limit=2500 Wenn CustomerClassification=1 Regel Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Beispiel: Zahlungserfahrung 180 Euro in 2 Käufen: Limit = 180*200 = 36000
			Bank data	**Bankdaten**
AccOwner	ans..50	M	First name and surname of the account holder (purchaser) Notice: Obligatory parameters if BillPayAction=2 (electronic direct debit) or 3 (instalment payment)	Vor- und Zuname des Kontoinhabers (Käufers) Hinweis: Pflichtparameter, wenn BillPayAction=2 (ELV) oder 3 (Ratenzahlung)
IBAN	ans..34	M	Customer's IBAN Notice: Obligatory parameters if BillPayAction=2 (electronic direct debit) or 3 (instalment payment)	IBAN des Kunden Hinweis: Pflichtparameter, wenn BillPayAction=2 (ELV) oder 3 (Ratenzahlung)
BIC	an..11	OC	Customer's BIC Notice: Obligatory parameters if BillPayAction=2 (electronic direct debit) or 3 (instalment payment)	BIC des Kunden Hinweis: Pflichtparameter, wenn BillPayAction=2 (ELV) oder 3 (Ratenzahlung)
			in case of BillPay hire purchase	**bei Billpay-Ratenkauf**

BpBase Amount	n..7	C	Obligatory in case of hire purchase (BillPayAction=3): gross amount to be financed excluding fees. Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).	Pflicht bei Ratenkauf (BillPayAction=3): zu finanzierender Bruttobetrag ohne Gebühren. Bitte wenden Sie sich an den Helpdesk, wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.
BpRate Count	n..2	C	Obligatory in case of hire purchase (BillPayAction=3): Number of monthly instalments selected by purchaser, e.g. 6/9/12/18/24 Notice: BpRateCount is to be used together with PayID and BillPayAction for a subsequent call	Pflicht bei Ratenkauf (BillPayAction=3): Anzahl der vom Käufer gewählten Monatsraten, z.B. 6/9/12/18/24 Hinweis: BpRateCount ist zusammen mit PayID und BillPayAction für einen Folgeaufruf zu verwenden
			Travel data	**Reisedaten**
TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer's travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency	Pflicht, wenn ArticleList/ArticleType 1-3: Reiseinformationen des Kunden mit folgenden Daten: - Anzahl bereits gebuchter Reisen, n..3 - Gesamtbetrag bereits gebuchter Reisen in kleinster Währungseinheit, n..7 - Währung bereits gebuchter Reisen, a3 Hinweise zum Aufbau des Parameters TripData: <;> trennt die Felder eines Datensatzes Beispiel: historicaltripcount;historicaltripamount;historicalcurrency
Traveler List	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation;firstname;lastname;birthday;membership;program;membershipid+…	Pflicht, wenn ArticleList/ArticleType 1-3: Liste der Reisenden mit folgenden Daten: - Anrede, a.. - Vorname, ans..40 - Nachname, ans..40 - Geburtstag im Format YYYYMMDD, a8 - Mitgliedschaft, n1 • 0: nicht verfügbar (Standardwert) • 1: Mitglied in einem Vielfliegerprogramm • 2: Kein Mitglied in einem Vielfliegerprogramm - MitgliedsID im Vielfliegerprogramm, ans..50 (Standard: 0) Hinweise zum Aufbau des Parameters TravelerList: <;> trennt die Felder eines Datensatzes Pro Reisendem muss ein kompletter Datensatz übergeben werden. Beispiel: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation;firstname;lastname;birthday;membership;program;membershipid+…

Parameters for BillPay payments

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

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

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

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please **do not** use the **Description but** the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
refnr	ns..30	O	Merchant's unique reference number
BpTransactionID	ans..50	C	BillPay transaction number Notice: BpTransactionID is returned only if BpStatus=APPROVED
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED> or <NOSTATUS> if errors occurred
			Corrected address data
Street	ans..50	O	corrected street of customer
StreetNr	ans..5	O	corrected street number of customer

Zip	ans..5	O	corrected postcode of customer
City	ans..50	O	corrected town/city of customer
Country	a3	O	Customer’s corrected country code according to ISO3166 alpha-3
			virtual BillPay bank details
BpAccOwner	ans..255	C	Account holder for the receivables (usually “BillPay GmbH”) Notice: is returned only if BpStatus=APPROVED
IBAN	ans..34	C	BillPay-IBAN for the receivables Notice: is returned only if BpStatus=APPROVED
BIC	an..11	C	BillPay-BIC for the receivables Notice: is returned only if BpStatus=APPROVED
BpBank	ans..255	C	Name of the bank for the receivables Notice: is returned only if BpStatus=APPROVED
BpInvoiceRef	ans..255	C	Purpose (contains RefNr) Notice: is returned only if BpStatus=APPROVED
			Response in case of hire purchase
BpConditionsList	ans..768	M	BillPay conditions for instalment payment - Number of monthly instalments “term”, n..7 - Value of shopping cart, “base” n..7 - Gross order value “cart”, n..7 - Financing interest charge “surcharge”, n..7 - Gross total value “total”, n..7 - Monthly charge % “interest”, n..2 - eff. annual interest rate % “annual”, n..4 - BillPay fee “fee”, n..7 All amounts in the smallest currency unit (e.g. EUR Cent) <;> separates fields of a hire purchase data record <+> separates different hire purchase conditions Example: „term“;„base“;„cart“;„surcharge“;„total“; „interest“;„anual“;„fee“+…
BpPaymentPlan	ans..768	M	BillPay instalment plans with the following data: - Number of monthly instalments “term”, n..2 - Gross value of first instalment, “due1”, n..7 - Gross value of 2nd to nth instalment, “due2” to “due-n”, n..7 <;> separates fields of a data record in the instalment plan <+> separates different instalment plans Example: „term“;„due1“;„due2“;„due_n“+ „term“;„due1“;„due2“;„due_n“+
BpLink1	ans..768	M	Link to BillPay terms and condition for hire purchase which is to be displayed
BpLink2	ans..768	M	Link to BillPay data protection regulations which is to be displayed
BpLink3	ans..768	M	Link to BillPay terms of payment which is to be displayed
BpInfo1	ans..	MC	Base64 encrypted data string for the generation of a PDF document which contains a summary of all relevant data for the BillPay purchase by instalment order. This document must be forwarded to the purchaser! Notice: This parameter is returned only with purchase by instalment with the subsequent request to finalise the payment.
BpInfo2	ans..	MC	Base64-encrypted data string for the generation of a PDF document which contains standard information about the conclusion of credit contracts and which must be sent to the credit recipient. Notice: This parameter is returned only with purchase by instalment with the subsequent request to finalise the payment.
			Response in case of error
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.

ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
Validation Errors	ans..1024	O	in case of one or more validation errors with following data: - error field - error code > 1 - Customer error notification - Merchant error notification <;> separates fields within a validation error <+> separates different validation errors Example: <error field>; <error code>; <error message customer>; <error message merchant>+etc.

Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

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

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
BpTransactionID	ans..50	C	BillPay transaction number Notice: BpTransactionID is returned only if BpStatus=APPROVED	BillPay-Transaktionsnummer Hinweis: BpTransactionID wird nur zurückgegeben, wenn BpStatus=APPROVED
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED> or <NOSTATUS> if errors occurred	Status der BillPay Identitäts- und Bonitätsprüfung. Werte: <APPROVED>, <DENIED> oder bei Fehlern <NOSTATUS>
			Corrected address data	**Korrigierte Adressdaten**
Street	ans..50	O	corrected street of customer	korrigierte Straße des Kunden
StreetNr	ans..5	O	corrected street number of customer	korrigierte Hausnummer des Kunden
Zip	ans..5	O	corrected postcode of customer	korrigierte PLZ des Kunden
City	ans..50	O	corrected town/city of customer	korrigierter Wohnort des Kunden
Country	a3	O	Customer’s corrected country code according to ISO3166 alpha-3	korrigierter Ländercode des Kunden nach ISO3166 alpha-3

			virtual BillPay bank details	**virtuelle BillPay-Bankverbindung**
BpAcc Owner	ans..255	C	Account holder for the receivables (usually “BillPay GmbH”) Notice: is returned only if BpStatus=APPROVED	Kontoinhaber für die Forderung (i.d.R. „BillPay GmbH“) Hinweis: wird nur zurückgegeben, wenn BpStatus=APPROVED
IBAN	ans..34	C	BillPay-IBAN for the receivables Notice: is returned only if BpStatus=APPROVED	BillPay-IBAN für die Forderung Hinweis: wird nur zurückgegeben, wenn BpStatus=APPROVED
BIC	an..11	C	BillPay-BIC for the receivables Notice: is returned only if BpStatus=APPROVED	BillPay-BIC für die Forderung Hinweis: wird nur zurückgegeben, wenn BpStatus=APPROVED
BpBank	ans..255	C	Name of the bank for the receivables Notice: is returned only if BpStatus=APPROVED	Name der Bank für die Forderung Hinweis: wird nur zurückgegeben, wenn BpStatus=APPROVED
BpInvoi ceRef	ans..255	C	Purpose (contains RefNr) Notice: is returned only if BpStatus=APPROVED	Verwendungszweck (enthält RefNr) Hinweis: wird nur zurückgegeben, wenn BpStatus=APPROVED
			Response in case of hire purchase	**Rückgabe bei Ratenkauf**
BpCon ditionsL ist	ans..768	M	BillPay conditions for instalment payment - Number of monthly instalments “term”, n..7 - Value of shopping cart, “base” n..7 - Gross order value “cart”, n..7 - Financing interest charge “surcharge”, n..7 - Gross total value “total”, n..7 - Monthly charge % “interest”, n..2 - eff. annual interest rate % “annual”, n..4 - BillPay fee “fee”, n..7 All amounts in the smallest currency unit (e.g. EUR Cent) <;> separates fields of a hire purchase data record <+> separates different hire purchase conditions Example: „term“;„base“;„cart“;„surcharge“;„total“; „interest“;„anual“;„fee “+…	BillPay-Konditionen für Ratenzahlung - Anzahl Monatsraten „term“, n..7 - Wert des Warenkorbs „base“, n..7 - Bruttobestellwert „cart“, n..7 - Finanzierungszinsaufschlag „surcharge“, n..7 - Bruttogesamtwert „total“, n..7 - Monatsaufschlag % „interest“, n..2 - eff. Jahreszins % „annual“, n..4 - BillPay-Gebühr „fee“, n..7 Alle Beträge in kleinster Währungseinheit, z.B. EUR Cent. <;> trennt Felder eines Finanzierungsdatensatzes <+> trennt verschiedene Finanzierungskonditionen Beispiel: „term“;„base“;„cart“;„surcharge“;„total“; „inte-rest“;„anual“;„fee“+…
BpPay mentPl an	ans..768	M	BillPay instalment plans with the following data: - Number of monthly instalments “term”, n..2 - Gross value of first instalment, “due1”, n..7 - Gross value of 2nd to nth instalment, “due2” to “due-n”, n..7 <;> separates fields of a data record in the instalment plan <+> separates different instalment plans Example: „term“;„due1“;„due2“;„due_n“+ „term“;„due1“;„due2“;„due_n “+	BillPay-Ratenpläne mit folgenden Daten: - Anzahl Monatsraten „term“, n..2 - Bruttowert erste Rate „due1“, n..7 - Bruttowert 2. bis n-te Rate „due2“ bis „due-n“, n..7 <;> trennt Felder eines Datensatzes im Ratenplan <+> trennt verschiedene Ratenpläne Beispiel: „term“;„due1“;„due2“;„due_n“+ „term“;„due1“;„due2“;„due_n“+
BpLink1	ans..768	M	Link to BillPay terms and condition for hire purchase which is to be displayed	zu zeigender Link zu BillPay-AGBs für Ratenkauf
BpLink2	ans..768	M	Link to BillPay data protection regulations which is to be displayed	zu zeigender Link zu Datenschutzbestimmungen von BillPay
BpLink3	ans..768	M	Link to BillPay terms of payment which is to be displayed	zu zeigender Link zu BillPay-Zahlungsbedingungen
BpInfo1	ans..	MC	Base64 encrypted data string for the generation of a PDF document which contains a summary of all relevant data for the BillPay purchase by instalment order. This document must be forwarded to the purchaser! Notice: This parameter is returned only with purchase by instalment with the subsequent request to finalise the payment.	Base64-codierter Datenstring zur Erzeugung eines PDF-Dokuments, welches eine Zusammenfassung aller für die Bestellung mit dem BillPay-Ratenkauf relevanten Daten enthält. Dieses Dokument muss an den Käufer weitergeleitet werden! Hinweis: Dieser Parameter wird nur beim Ratenkauf beim abschließenden Request zur Finalisierung der Zahlung zurückgegeben.
BpInfo2	ans..	MC	Base64-encrypted data string for the generation of a PDF document which contains standard information about the conclusion of credit contracts and which must be sent to the credit recipient. Notice: This parameter is returned only with purchase by instalment with the subsequent request to finalise the payment.	Base64-codierter Datenstring zur Erzeugung eines PDF-Dokuments, welches Standardinformationen zum Abschluss von Kreditverträgen enthält und an den Kreditnehmer versendet werden muss! Hinweis: Dieser Parameter wird nur beim Ratenkauf beim abschließenden Request zur Finalisierung der Zahlung zurückgegeben.
			Response in case of error	**Rückgabe im Fehlerfall**
ErrorTe xt1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText1 enthält die detaillierte Fehlernachricht von BillPay für den Händler. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computo p Helpdesk.
ErrorTe xt2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText2 enthält die detaillierte Fehlernachricht von BillPay für den Käufer. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computo p Helpdesk.
ErrorTe xt3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText3 enthält den detaillierten BillPay-Fehlercode. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computo p Helpdesk.

ValidationErrors	ans..1024	O	in case of one or more validation errors with following data: - error field - error code > 1 - Customer error notification - Merchant error notification <;> separates fields within a validation error <+> separates different validation errors Example: <error field>; <error code>; <error message customer>; <error message merchant>+etc.	bei einem oder mehreren Validierungsfehlern mit folgenden Daten: - Fehlerfeld - Fehlercode > 1 - Fehlernachricht für den Kunden - Fehlernachricht für den Händler <;> trennt Felder in einem Validierungsfehler <+> trennt verschiedene Validierungsfehler Beispiel: <Fehlerfeld>;<Fehlercode>;<Fehlernachricht Kunde>;<Fehlernachricht Händler>+ …

Result parameters for BillPay payments

Subsequent change of shopping cart

The contents of a shopping cart can be changed later, in the case of goods returned or additional articles. In this case the old shopping cart is completely replaced, but address, reference numbers, currency, method of payment and number of instalments are retained. If the order value is same or less this change is always accepted. In the case of an increase in the order value a new authorisation is attempted. The new shopping cart is valid only in the case of success otherwise the previous cart is retained. If an order is already activated, BillPay will notify the customer about the changed amount.

Please use the following URL to change the shopping cart associated with a payment previously initialised with BillPay:

https://www.computop-paygate.com/Billpay.aspx

The following table describes the transfer parameters to be encrypted:

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, e.g. for referencing in batch files as well as for capture or credit request.
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).
			Article and order data
Article List	ans..768	M	Customer's shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype+…

Order Desc	ans..768	M	Customer's complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546
Event Token	a2	M	Abbreviation of the action to be done: Presently only CO (Change order) possible

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
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
			Article and order data	**Artikel- und Bestelldaten**
ArticleList	ans..768	M	Customer's shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross; category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2; articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype; tickettype+…	Warenkorb des Kunden mit folgenden Artikeldaten: - Artikelnr., ans..20 - Anzahl, n..7 - Artikelname, ans..50 - Artikelbeschreibung, ans..50 - Artikelpreis netto in kleinster Währungseinheit, n..7 - Artikelpreis brutto in kleinster Währungseinheit, n..7 - Kategorie, ans.. - Subkategorie1, ans.. - Subkategorie2, ans.. Hinweis zum Aufbau der Artikelliste: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze Jeder Artikel wird als kompletter Datensatz übergeben: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross; category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2; articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype; tickettype+…

OrderDesc	ans..768	M	Customer's complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price;total price gross DHL Standard;336;400;1390;1654;22307;26546	Gesamter Warenkorb des Kunden einschließlich Bestellung, Gebühren und Rabatten mit folgenden Daten: - Versandname (Name der Versandmethode), ans..50 - Versandkosten netto in kleinster Währungseinheit, n..7 - Versandkosten brutto in kleinster Währungseinheit, n..7 - Rabatt netto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Rabatt brutto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Gesamtpreis netto in kleinster Währungseinheit, n..7 - Gesamtpreis brutto in kleinster Währungseinheit, n..7 Hinweis zum Aufbau der Bestellinformation: <;> trennt die Felder der Bestellinformation Jede Bestellung wird als kompletter Datensatz übergeben. Alle übergebenen Daten werden validiert, wobei die Summe der Einzelpositionen den Gesamtpreis ergeben muss. Dabei muss gelten: Gesamtpreis brutto=Summe(Artikelanzahl x Artikelbruttopreis) + Versandkosten brutto – Rabatt brutto Gesamtpreis=Summe(Artikelanzahl x Artikelnettopreis) + Versandkosten – Rabatt Beispiel: Versandname;Versandkosten;Versandkosten brutto;Rabatt;Rabatt brutto;Gesamtpreis;Gesamtpreis brutto DHL Standard;336;400;1390;1654;22307;26546
EventToken	a2	M	Abbreviation of the action to be done: Presently only CO (Change order) possible	Abkürzung der auszuführenden Aktion: Derzeit nur CO (Change order) möglich

Parameters for subsequent change of shopping cart with BillPay payments

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

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

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

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please **do not** use the **Description but** the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
RefNr	ns..30	O	Unique reference number for accounting. Returned only if a RefNr has already been assigned.
BpTransactionID	ans..50	C	BillPay transaction number
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED> or <NOSTATUS> if errors occurred
			Response in case of hire purchase
BpConditionsList	ans..768	M	BillPay conditions for instalment payment - term: Number of monthly instalments, n..7 - base: Value of shopping cart, n..7 - cart: Gross value including fees and rebates, n..7 - surcharge: Interest increase of financing, n..7 - total: Gross total value, n..7 - interest: monthly %-surcharge, n..2 - anual: eff. Interest per annum in %, n..4 - fee: BillPay handling fee, n..7 Notice: In this case the new conditions for the already selected number of monthly instalments are given. <;>separates fields within a data record Example: <term>;<base>;<cart>;<surcharge>;<total>;<interest>;<anual>;<fee>

BpPaymentPlan	ans..768	M	Instalment plan selected by the buyer: - RateNr: number of the instalment - RateAmount: instalment amount - DueDate: due date of the instalment Notice: In this case the instalment plan for the already selected number of monthly instalments are given. <;>separates fields within a data record <+> separates different data records Example: <Rate1>;<RateAmount>;<DueDate>+ <Rate_n>;<RateAmount_n>;<DueDate_n>+ etc. Notice: DueDate is empty if the order has not been activated.
			Response in case of error
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.

Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
RefNr	ns..30	O	Unique reference number for accounting. Returned only if a RefNr has already been assigned.	Eindeutige Referenznummer für die Buchhaltung. Wird nur zurückgegeben, wenn bereits eine RefNr zugeordnet war.
BpTransactionID	ans..50	C	BillPay transaction number	BillPay-Transaktionsnummer
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED> or <NOSTATUS> if errors occurred	Status der BillPay Identitäts- und Bonitätsprüfung. Werte: <APPROVED>, <DENIED> oder bei Fehlern <NOSTATUS>

			Response in case of hire purchase	**Rückgabe bei Ratenkauf**
BpConditionsList	ans..768	M	BillPay conditions for instalment payment - term: Number of monthly instalments, n..7 - base: Value of shopping cart, n..7 - cart: Gross value including fees and rebates, n..7 - surcharge: Interest increase of financing, n..7 - total: Gross total value, n..7 - interest: monthly %-surcharge, n..2 - anual: eff. Interest per annum in %, n..4 - fee: BillPay handling fee, n..7 Notice: In this case the new conditions for the already selected number of monthly instalments are given. <;>separates fields within a data record Example: <term>;<base>;<cart>;<surcharge>;<total>;<interest>;<anual>;<fee>	BillPay-Konditionen für die Ratenzahlung: - term: Anzahl Monatsraten, n..7 - base: Wert des Warenkorbs, n..7 - cart: Bruttowert inklusive Gebühren und Rabatten, n..7 - surcharge: Zinsaufschlag der Finanzierung, n..7 - total: Bruttogesamtwert, n..7 - interest: monatlicher %-Aufschlag, n..2 - anual: eff. Jahreszins in %, n..4 - fee: BillPay-Bearbeitungsgebühr, n..7 Hinweis: Hier werden die neuen Konditionen für die bereits gewählte Anzahl an Monatsraten ausgegeben. <;> trennt Felder innerhalb eines Datensatzes Beispiel: <term>;<base>;<cart>;<surcharge>;<total>;<interest>;<anual>;<fee>
BpPaymentPlan	ans..768	M	Instalment plan selected by the buyer: - RateNr: number of the instalment - RateAmount: instalment amount - DueDate: due date of the instalment Notice: In this case the instalment plan for the already selected number of monthly instalments are given. <;>separates fields within a data record <+> separates different data records Example: <Rate1>;<RateAmount>;<DueDate>+ <Rate_n>;<RateAmount_n>;<DueDate_n>+ etc. Notice: DueDate is empty if the order has not been activated.	Vom Käufer gewählter Ratenplan: - RateNr: Nummer der Rate - RateAmount: Betrag der Rate - DueDate: Fälligkeitsdatum der Rate Hinweis: Hier wird der Ratenplan für die bereits gewählte Anzahl an Monatsraten ausgegeben. <;> trennt Felder innerhalb eines Datensatzes <+> trennt unterschiedliche Datensätze Beispiel: <Rate1>;<RateAmount>;<DueDate> + <Rate_n>;<RateAmount_n>;<DueDate_n> +… Hinweis: Falls die Bestellung nicht aktiviert wurde, ist DueDate leer.
			Response in case of error	**Rückgabe im Fehlerfall**
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText1 enthält die detaillierte Fehlernachricht von BillPay für den Händler. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText2 enthält die detaillierte Fehlernachricht von BillPay für den Käufer. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText3 enthält den detaillierten BillPay-Fehlercode. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.

Result parameters for BillPay payments

BillPay with payment method control (PreScore)

BillPay's payment method control lets online merchants preselect BillPay payment methods in their online shop to be displayed to a specific customer. Customers only see the payment methods which apply to them, which leads to an increase in sales. For payment method control, the end customer identity and creditworthiness checks must take place before the payment method selection. The BillPay payment method control is thus an alternative to checking the end customer request after selecting a payment method. A merchant portal in the case of BillPay can work either with or without payment method control but not both at the same time.

For use of the payment method control the merchant must have a corresponding contract with BillPay and be enabled. The BillPay process is divided for this process into the prior payment method control (PreScore) and the subsequent creation of the BillPay payment which now requires fewer call-up parameters. The response to the reservation corresponds again to the declared normal proceedings declared above.

In order to execute the BillPay payment method control via server-to-server communication, please use the following URL:

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

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

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
refnr	ns..30	O	Merchant's unique reference number
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk, if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • 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.
EventToken	a2	M	Token for the call of the request: <PS> for PreScore
Language	a2	M	Language code according to ISO 639-1 (e.g. de for German)
NewCustomer	ans..5	M	Defines whether or not the purchaser is a new customer. Values: <YES>, <NO>, <GUEST>
DateOfBirth	an10	MC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)
IpAddr	ans15	M	Customer´s IP address in IPv4 or IPv6 format
CompanyOrPerson	a1	OC	Distinction of the purchaser as private person or company. Values: <F> for companies, <P> for persons, default value <P>. Obligatory for BillPay B2B
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)
			Invoice data
bdSalutation	a..15	M	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
bdTitle	ans..20	O	Title of the customer or contact person within the company on the invoice, e.g. Dr. or Prof.
bdFirstName	ans..50	M	First name of customer or contact person in company
bdLastName	ans..50	M	Last name of customer or contact person in company
bdStreet	a..50	M	Street name in the invoicing address
bdStreetNr	ans..5	M	Street number of the invoicing address
bdStreet2	a..50	O	Address addition in the billing address
bdZip	n5	M	Postcode in the invoicing address
bdCity	ans..50	M	Town/city of the invoicing address
bdCountryCode	a3	M	Country code in the billing address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.
EMail	ans..50	M	E-mail address of the customer or contact person on the invoicing address
Phone	ans..15	OC	Telephone number of the customer or contact person on the invoicing address
MobileNo	ans..50	O	Mobile telephone number of the customer on the invoicing address
			Delivery data

UseBillingData	a3	M	Is the invoicing address to be used as the delivery address? Permissible: <Yes> or <No>. If <No>, parameters for the delivery address become obligatory. If <Yes>, no parameters are transferred for the delivery address.
sdSalutation	a..15	C	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle Obligatory, if UseBillingData=No
sdTitle	ans..20	O	Title of the customer on the invoice, e.g. Dr. or Prof.
sdFirstName	ans..50	C	Obligatory, if UseBillingData=No: First name of customer or contact person in company
sdLastName	ans..50	C	Obligatory, if UseBillingData=No: Last name of customer or contact person in company
sdStreet	a..50	C	Obligatory, if UseBillingData=No: Street in the delivery address
sdStreetNr	ans..5	C	Obligatory, if UseBillingData=No: Street number of the delivery address
sdStreet2	a..50	O	Address addition in the delivery address
sdZip	n5	C	Obligatory, if UseBillingData=No: Postcode in the delivery address
sdCity	ans..50	C	Obligatory, if UseBillingData=No: Town/city of the delivery address
sdCountryCode	a3	C	Obligatory, if UseBillingData=No: Country code in the delivery address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.
sdPhone	ans..15	O	Telephone number of the customer in the delivery address
sdMobileNo	ans..50	O	Mobile telephone number of the customer in the delivery address
			Company data
CompanyName	ans..200	C	Company name. Obligatory if CompanyOrPerson=F
LegalForm	a..12	C	Legal form of the company. Obligatory, if CompanyOrPerson=F Values: <ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.
RegisterNumber	ans..20	C	Register of Companies number/commercial register Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies
HolderName	ans..100	C	Optional: Name of the firm owner Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies
TaxNumber	ans..20	C	VAT Reg. No. Notice: The specification of the VAT Reg. No. increases the probability of a hit
			Article and order data

Article List	ans..768	M	Customer’s shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. - Artikcle type, optional, Obligatory for BillPayAction 7/8/9; n1: • 0: Other (default value) • 1: Flight • 2: Luggage with flight • 3: Combination of articles with flight • 4: Combination of articles without flight • 5: Hotel • 6: Travel insurance • 7: Car rental - Departure destination, optional, mandatory with article type 1-3; a..3 - Departure date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Arrival destination, optional, mandatory with article type 1-3; a..3 - Arrival date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Booking class, optional, mandatory with article type 1-3; a..2 (bc: Business class, fc: First class, co: Bus, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Round trip, ow: One-way, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Change of booking not possible, rf: Change of booking, chargeable, possible, fl: No change of booking fees, na: not available) Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype; departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype +…
Order Desc	ans..768	M	Customer’s complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546

Order History	ans..768	O	Customer's order history/order information from the last 20 orders with the following information: - Historical order number., ans..20 - Date of order, format YYYYMMDD hh:mm:ss - Total price in the smallest currency unit, n..7 - Currency according to ISO 4217 - Payment method of the order with the following values: <0> Direct Debit, <1> Credit Card, <2> Advance Payment, <3> Cash on Delivery, <4> Paypal, <5> Online Transfer, <6> Invoice, <7> BillPay invoice, <100> Other. - Status of the order with the following values: <0> paid, <1> open, <2> reminder, <3> debt collection, <4> overpaid, <5> underpaid, <6> cancelled. Note on the structure of the OrderHistory: <;> separates the fields of an article data set <+> separates the article data sets A max. of 20 data records may be transferred Example: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate;hamount;hcurrency; hpaymenttype;hstatus+…
CustomerClassification	n1	O	Customer specification 0 – Customer has not yet ordered or has successfully completed payment for fewer than 2 orders 1 – Customer has already made successful payment for 2 or more orders
Limit	n..12	OC	Mandatory if CustomerClassification is transmitted: Numeric value Limit, based on the positive payment history x in Euro. If CustomerClassification=0 - and no successful payment: Limit=0 - and one successful payment: Limit=2500 If CustomerClassification=1 Rule Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Example: Payment history EUR 180 over 2 purchases: Limit = 180*200 = 36000
			Travel data
TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer's travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency
TravelerList	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation;firstname;lastname;birthday;membership; program;membershipid+…

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

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

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

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. 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
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
EventToken	a2	M	Token for the call of the request: <PS> for PreScore	Token für den Aufruf des Requests: <PS> für PreScore
Language	a2	M	Language code according to ISO 639-1 (e.g. de for German)	Sprachkennzeichen nach ISO 639-1 (z.B. de für Deutsch)
NewCustomer	ans..5	M	Defines whether or not the purchaser is a new customer. Values: <YES>, <NO>, <GUEST>	Definiert, ob der Käufer ein Neukunde ist. Werte: <YES>, <NO>, <GUEST>
DateOfBirth	an10	MC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)	Geburtsdatum des Kunden im Format JJJJ-MM-TT (darf bei BillPay B2B nicht übergeben werden)
IpAddr	ans15	M	Customer´s IP address in IPv4 or IPv6 format	IP-Adresse des Kunden im Format IPv4 oder IPv6
CompanyOrPerson	a1	OC	Distinction of the purchaser as private person or company. Values: <F> for companies, <P> for persons, default value <P>. Obligatory for BillPay B2B	Unterscheidung des Käufers nach Privatperson oder Firma. Werte: <F> für Firmen, <P> für Personen, Standardwert <P>. Pflicht bei BillPay B2B
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)	SessionID zur Betrugsidentifizierung (muss gleich sein mit der SessionID aus dem JavaScript-Widget)
			Invoice data	**Rechnungsdaten**
bdSalutation	a..15	M	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle	Anrede des Kunden auf der Rechnung. Zulässige Werte: Männlich: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Weiblich: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
bdTitle	ans..20	O	Title of the customer or contact person within the company on the invoice, e.g. Dr. or Prof.	Titel des Kunden oder der Kontaktperson in der Firma auf der Rechnung, z.B. Dr. oder Prof.
bdFirstName	ans..50	M	First name of customer or contact person in company	Vorname des Kunden oder der Kontaktperson in der Firma
bdLastName	ans..50	M	Last name of customer or contact person in company	Nachname des Kunden oder der Kontaktperson in der Firma
bdStreet	a..50	M	Street name in the invoicing address	Straßenname der Rechnungsadresse
bdStreetNr	ans..5	M	Street number of the invoicing address	Hausnummer der Rechnungsadresse
bdStreet2	a..50	O	Address addition in the billing address	Adresszusatz der Rechnungsadresse
bdZip	n5	M	Postcode in the invoicing address	Postleitzahl der Rechnungsadresse
bdCity	ans..50	M	Town/city of the invoicing address	Ort der Rechnungsadresse
bdCountryCode	a3	M	Country code in the billing address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.	Ländercode der Rechnungsadresse dreistellig. Erlaubt sind derzeit Deutschland (DEU), Schweiz (CHE) und Österreich (AUT).
EMail	ans..50	M	E-mail address of the customer or contact person on the invoicing address	E-Mail-Adresse des Kunden oder der Kontaktperson in der Firma in der Rechnungsanschrift
Phone	ans..15	OC	Telephone number of the customer or contact person on the invoicing address	Telefonnummer des Kunden oder der Kontaktperson in der Firma in der Rechnungsanschrift

MobileNo	ans..50	O	Mobile telephone number of the customer on the invoicing address	Handy-Nummer des Kunden oder der Kontaktperson in der Rechnungsanschrift
			Delivery data	**Lieferdaten**
UseBillingData	a3	M	Is the invoicing address to be used as the delivery address? Permissible: <Yes> or <No>. If <No>, parameters for the delivery address become obligatory. If <Yes>, no parameters are transferred for the delivery address.	Soll die Rechnungsadresse als Lieferadresse genutzt werden? Zulässig: <Yes> oder <No>. Bei <No> werden Parameter zur Lieferadresse Pflicht. Bei <Yes> werden keine Parameter zur Lieferadresse übergeben.
sdSalutation	a..15	C	Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle Obligatory, if UseBillingData=No	Anrede des Kunden auf der Rechnung. Zulässige Werte: Männlich: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Weiblich: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle Pflicht, wenn UseBillingData=No
sdTitle	ans..20	O	Title of the customer on the invoice, e.g. Dr. or Prof.	Titel des Kunden auf der Rechnung, z.B. Dr. oder Prof.
sdFirstName	ans..50	C	Obligatory, if UseBillingData=No: First name of customer or contact person in company	Pflicht, wenn UseBillingData=No: Vorname des Kunden oder der Kontaktperson in der Firma
sdLastName	ans..50	C	Obligatory, if UseBillingData=No: Last name of customer or contact person in company	Pflicht, wenn UseBillingData=No: Nachname des Kunden oder der Kontaktperson in der Firma
sdStreet	a..50	C	Obligatory, if UseBillingData=No: Street in the delivery address	Pflicht, wenn UseBillingData=No: Straßenname der Lieferadresse
sdStreetNr	ans..5	C	Obligatory, if UseBillingData=No: Street number of the delivery address	Pflicht, wenn UseBillingData=No: Hausnummer der Lieferadresse
sdStreet2	a..50	O	Address addition in the delivery address	Adresszusatz der Lieferadresse
sdZip	n5	C	Obligatory, if UseBillingData=No: Postcode in the delivery address	Pflicht, wenn UseBillingData=No: Postleitzahl der Lieferadresse
sdCity	ans..50	C	Obligatory, if UseBillingData=No: Town/city of the delivery address	Pflicht, wenn UseBillingData=No: Ort der Lieferadresse
sdCountryCode	a3	C	Obligatory, if UseBillingData=No: Country code in the delivery address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.	Pflicht, wenn UseBillingData=No: Ländercode der Lieferanschrift dreistellig. Erlaubt sind derzeit Deutschland (DEU), Schweiz (CHE) und Österreich (AUT).
sdPhone	ans..15	O	Telephone number of the customer in the delivery address	Telefonnummer des Kunden in der Lieferanschrift
sdMobileNo	ans..50	O	Mobile telephone number of the customer in the delivery address	Handy-Nummer des Kunden in der Lieferanschrift
			Company data	**Firmendaten**
CompanyName	ans..200	C	Company name. Obligatory if CompanyOrPerson=F	Firmenname. Pflicht, falls CompanyOrPerson=F
LegalForm	a..12	C	Legal form of the company. Obligatory, if CompanyOrPerson=F Values: <ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.	Rechtsform des Unternehmens. Pflicht, wenn CompanyOrPerson=F Werte:<ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.
RegisterNumber	ans..20	C	Register of Companies number/commercial register Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies	Handelsregisternummer/Firmenbuch Pflicht, wenn CompanyOrPerson=F und bestimmte Kombination von LegalForm und bdCountryCode zutrifft
HolderName	ans..100	C	Optional: Name of the firm owner Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies	Optional: Name des Firmeninhabers Pflicht, wenn CompanyOrPerson=F und bestimmte Kombination von LegalForm und bdCountryCode zutrifft
TaxNumber	ans..20	C	VAT Reg. No. Notice: The specification of the VAT Reg. No. increases the probability of a hit	Umsatzsteueridentifikationsnummer Hinweis: Die Angabe der USt-ID erhöht die Trefferwahrscheinlichkeit
			Article and order data	**Artikel- und Bestelldaten**

ArticleList	ans..768	M	Customer's shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. - Artikcle type, optional, Obligatory for BillPayAction 7/8/9; n1: • 0: Other (default value) • 1: Flight • 2: Luggage with flight • 3: Combination of articles with flight • 4: Combination of articles without flight • 5: Hotel • 6: Travel insurance • 7: Car rental - Departure destination, optional, mandatory with article type 1-3; a..3 - Departure date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Arrival destination, optional, mandatory with article type 1-3; a..3 - Arrival date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Booking class, optional, mandatory with article type 1-3; a..2 (bc: Business class, fc: First class, co: Bus, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Round trip, ow: One-way, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Change of booking not possible, rf: Change of booking, chargeable, possible, fl: No change of booking fees, na: not available) Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross; category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2; articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype; tickettype +…	Warenkorb des Kunden mit folgenden Artikeldaten: - Artikelnr., ans..20 - Anzahl, n..7 - Artikelname, ans..50 - Artikelbeschreibung, ans..50 - Artikelpreis netto in kleinster Währungseinheit, n..7 - Artikelpreis brutto in kleinster Währungseinheit, n..7 - Kategorie, ans.. - Subkategorie1, ans.. - Subkategorie2, ans.. - Artikeltyp, optional, Pflicht bei BillPayAction 7/8/9; n1: • 0: Anderes (Defaultwert) • 1: Flug • 2: Gepäck mit Flug • 3: Kombination aus Artikeln mit Flug • 4: Kombination aus Artikeln ohne Flug • 5: Hotel • 6: Reiseversicherung • 7: Autovermietung - Abreiseort, optional, Pflicht bei Artikeltyp 1-3; a..3 - Abreisedatum, optional, Pflicht bei Artikeltyp 1-3; n8 im Format YYYYMMDD - Ankunftsort, optional, Pflicht bei Artikeltyp 1-3; a..3 - Ankunftsdatum, optional, Pflicht bei Artikeltyp 1-3; n8 im Format YYYYMMDD - Buchungsklasse, optional, Pflicht bei Artikeltyp 1-3; a..2 (bc: Business-Klasse, fc: Erste Klasse, co: Bus, na: nicht verfügbar) - Routentyp, optional, Pflicht bei Artikeltyp 1-3; a..2 (rt: Rundreise, ow: Einweg, na: nicht verfügbar) - Tickettyp, optional, Pflicht bei Artikeltyp 1-3; a..2 (nr: Umbuchung nicht möglich, rf: Umbuchung gegen Gebühr möglich, fl: keine Umbuchungsgebühren, na: nicht verfügbar) Hinweis zum Aufbau der Artikelliste: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze Jeder Artikel wird als kompletter Artikeldatensatz übergeben: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross; category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2; articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype; tickettype +…
OrderDesc	ans..768	M	Customer's complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546	Gesamter Warenkorb des Kunden einschließlich Bestellung, Gebühren und Rabatten mit folgenden Daten: - Versandname (Name der Versandmethode), ans..50 - Versandkosten netto in kleinster Währungseinheit, n..7 - Versandkosten brutto in kleinster Währungseinheit, n..7 - Rabatt netto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Rabatt brutto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Gesamtpreis netto in kleinster Währungseinheit, n..7 - Gesamtpreis brutto in kleinster Währungseinheit, n..7 Hinweis zum Aufbau der Bestellinformation: <;> trennt die Felder der Bestellinformation Jede Bestellung wird als kompletter Datensatz übergeben. Alle übergebenen Daten werden validiert, wobei die Summe der Einzelpositionen den Gesamtpreis ergeben muss. Dabei muss gelten: Gesamtpreis brutto=Summe(Artikelanzahl x Artikelbruttopreis) + Versandkosten brutto – Rabatt brutto Gesamtpreis=Summe(Artikelanzahl x Artikelnettopreis) + Versandkosten – Rabatt Beispiel: Versandname;Versandkosten;Versandkosten brutto;Rabatt;Rabatt brutto;Gesamtpreis; Gesamtpreis brutto DHL Standard;336;400;1390;1654;22307;26546

OrderHistory	ans..768	O	Customer's order history/order information from the last 20 orders with the following information: - Historical order number., ans..20 - Date of order, format YYYYMMDD hh:mm:ss - Total price in the smallest currency unit, n..7 - Currency according to ISO 4217 - Payment method of the order with the following values: <0> Direct Debit, <1> Credit Card, <2> Advance Payment, <3> Cash on Delivery, <4> Paypal, <5> Online Transfer, <6> Invoice, <7> BillPay invoice, <100> Other. - Status of the order with the following values: <0> paid, <1> open, <2> reminder, <3> debt collection, <4> overpaid, <5> underpaid, <6> cancelled. Note on the structure of the OrderHistory: <;> separates the fields of an article data set <+> separates the article data sets A max. of 20 data records may be transferred Example: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate; hamount;hcurrency; hpaymenttype;hstatus+…	Bestellhistorie/Bestellinformation des Kunden der letzten 20 Bestellungen mit folgenden Informationen: - Historische Bestellnr., ans..20 - Bestelldatum, Format YYYYMMDD hh:mm:ss - Gesamtpreis in kleinster Währungseinheit, n..7 - Währung nach ISO 4217 - Zahlungsart der Bestellung mit folgenden Werten: <0> Lastschrift, <1> Kreditkarte, <2> Vorkasse, <3> Nachnahme, <4> PayPal, <5> Sofort/giropay, <6> Rechnung, <7> BillPay-Rechnung, <100> Sonstige. - Status der Bestellung mit folgenden Werten: <0> bezahlt, <1> offen, <2> Mahnwesen, <3> Inkasso, <4> überbezahlt, <5> unterbezahlt, <6> geplatzt. Hinweis zum Aufbau der OrderHistory: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze max. 20 Datensätze dürfen übergeben werden Beispiel: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate; hamount;hcurrency; hpaymenttype;hstatus+…
CustomerClassification	n1	O	Customer specification 0 – Customer has not yet ordered or has successfully completed payment for fewer than 2 orders 1 – Customer has already made successful payment for 2 or more orders	Kundenspezifikation 0 – Kunde hat noch nie bestellt oder weniger als 2 Bestellungen erfolgreich bezahlt 1 – Kunde hat bereits 2 oder mehr Bestellungen erfolgreich bezahlt
Limit	n..12	OC	Mandatory if CustomerClassification is transmitted: Numeric value Limit, based on the positive payment history x in Euro. If CustomerClassification=0 - and no successful payment: Limit=0 - and one successful payment: Limit=2500 If CustomerClassification=1 Rule Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Example: Payment history EUR 180 over 2 purchases: Limit = 180*200 = 36000	Pflicht, wenn CustomerClassification übermittelt wird: Numerischer Wert Limit, basierend auf der positiven Bezahlerfahrung x in Euro. Wenn CustomerClassification=0 - und keine erfolgreiche Zahlung: Limit=0 - und eine erfolgreiche Zahlung: Limit=2500 Wenn CustomerClassification=1 Regel Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Beispiel: Zahlungserfahrung 180 Euro in 2 Käufen: Limit = 180*200 = 36000
			Travel data	**Reisedaten**
TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer's travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency	Pflicht, wenn ArticleList/ArticleType 1-3: Reiseinformationen des Kunden mit folgenden Daten: - Anzahl bereits gebuchter Reisen, n..3 - Gesamtbetrag bereits gebuchter Reisen in kleinster Währungseinheit, n..7 - Währung bereits gebuchter Reisen, a3 Hinweise zum Aufbau des Parameters TripData: <;> trennt die Felder eines Datensatzes Beispiel: historicaltripcount;historicaltripamount;historicalcurrency
TravelerList	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation; firstname;lastname;birthday;membership;program;membershipid+…	Pflicht, wenn ArticleList/ArticleType 1-3: Liste der Reisenden mit folgenden Daten: - Anrede, a.. - Vorname, ans..40 - Nachname, ans..40 - Geburtstag im Format YYYYMMDD, a8 - Mitgliedschaft, n1 • 0: nicht verfügbar (Standardwert) • 1: Mitglied in einem Vielfliegerprogramm • 2: Kein Mitglied in einem Vielfliegerprogramm - MitgliedsID im Vielfliegerprogramm, ans..50 (Standard: 0) Hinweise zum Aufbau des Parameters TravelerList: <;> trennt die Felder eines Datensatzes Pro Reisendem muss ein kompletter Datensatz übergeben werden. Beispiel: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation; firstname;lastname;birthday;membership;program;membershipid+…

Parameters for BillPay payment method control (PreScore)

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

pls. be prepared to receive additional parameters at any time and do not check the order of parameters the key (e.g. MerchantId, RefNr) should not be checked case-sentive

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	AUTHORIZE_REQUEST or FAILED
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)
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
RefNr	ns..30	O	Merchant's reference number. In case of updating the RefNr the new RefNr is returned to the merchant.
			BillPay answer
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED> or <NOSTATUS> if errors occurred
BpTransactionID	ans..50	O	BillPay transaction number Notice: BpTransactionID is returned only if BpStatus=APPROVED
Street	ans..50	O	corrected street of customer
StreetNr	ans..5	O	corrected street number of customer
Zip	ans..5	O	corrected postcode of customer
City	ans..50	O	corrected town/city of customer
Country	a3	O	Customer's corrected country code according to ISO3166 alpha-3
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)
AllowedPayMethods	ans..768	OC	List of allowed payment methods (is returned only if BpStatus=APPROVED) 1 for INVOICE 2 for DIRECT_DEBIT 4 for PAYLATER (instalment payment) 8 for INVOICE_COLLATERAL_PROMISE 9 for DIRECT_DEBIT_COLLATERAL_PROMISE 7 for PAYLATER_COLLATERAL_PROMIS Customer group: PRIVATE for B2C; BUSINESS for B2B Todo <;>separates fields within a data record <+> separates data records Example: <ID>;< Name>,<Customer group>+<ID>;< Name>;<Customer group>+…
ValidationErrors	ans..1024	O	Is returned in the case of one or more validation errors. Contains following data: - error field - error code. Value is always > 1 - Customer error notification - Detailed merchant error notification <;> separates the fields of a data set <+> separates data records Example: <error field>; <error code>; <error message customer>; <error message merchant>+etc.
			BillPay response in case of error
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.

ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement 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	AUTHORIZE_REQUEST or FAILED	AUTHORIZE_REQUEST oder FAILED

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
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
RefNr	ns..30	O	Merchant's reference number. In case of updating the RefNr the new RefNr is returned to the merchant.	Referenznummer des Händlers. Im Falle einer Aktualisierung der RefNr bekommt Händler die neue RefNr zurück.
			BillPay answer	**BillPay-Antwort**
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED> or <NOSTATUS> if errors occurred	Status der BillPay Identitäts- und Bonitätsprüfung. Werte: <APPROVED>, <DENIED> oder bei Fehlern <NOSTATUS>
BpTransactionID	ans..50	O	BillPay transaction number Notice: BpTransactionID is returned only if BpStatus=APPROVED	BillPay-Transaktionsnummer Hinweis: BpTransactionID wird nur zurückgegeben, wenn BpStatus=APPROVED
Street	ans..50	O	corrected street of customer	korrigierte Straße des Kunden
StreetNr	ans..5	O	corrected street number of customer	korrigierte Hausnummer des Kunden
Zip	ans..5	O	corrected postcode of customer	korrigierte PLZ des Kunden
City	ans..50	O	corrected town/city of customer	korrigierter Wohnort des Kunden
Country	a3	O	Customer's corrected country code according to ISO3166 alpha-3	korrigierter Ländercode des Kunden nach ISO3166 alpha-3
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)	SessionID zur Betrugsidentifizierung (muss gleich sein mit der SessionID aus dem JavaScript-Widget)

Allowed PayMethods	ans..768	OC	List of allowed payment methods (is returned only if BpStatus=APPROVED) 1 for INVOICE 2 for DIRECT_DEBIT 4 for PAYLATER (instalment payment) 8 for INVOICE_COLLATERAL_PROMISE 9 for DIRECT_DEBIT_COLLATERAL_PROMISE 7 for PAYLATER_COLLATERAL_PROMIS Customer group: PRIVATE for B2C; BUSINESS for B2B Todo <;>separates fields within a data record <+> separates data records Example: <ID>;< Name>,<Customer group>+<ID>;< Name>;<Customer group>+…	Liste erlaubter Zahlarten (wird nur zurückgegeben, wenn BpStatus=APPROVED) 1 für INVOICE (Rechnungskauf) 2 für DIRECT_DEBIT (Lastschrift) 4 für PAYLATER (Ratenkauf) 8 für INVOICE_COLLATERAL_PROMISE (Rechnungskauf mit Schuldbeitritt) 9 für DIRECT_DEBIT_COLLATERAL_PROMISE (Lastschrift mit Schuldbeitritt) 7 für PAYLATER_COLLATERAL_PROMIS (Ratenkauf mit Schuldbeitritt) Kundengruppe: PRIVATE für B2C; BUSINESS für B2B Todo <;> trennt die Werte eines Datensatzes <+> trennt die Datensätze Beispiel: <ID>;< Bezeichnung>,<Kundengruppe>+<ID>;< Bezeichnung>;<Kundengruppe>+…
ValidationErrors	ans..1024	O	Is returned in the case of one or more validation errors. Contains following data: - error field - error code. Value is always > 1 - Customer error notification - Detailed merchant error notification <;> separates the fields of a data set <+> separates data records Example: <error field>; <error code>; <error message customer>; <error message merchant>+etc.	Wird im Falle eines oder mehrerer Validierungsfehler zurückgeliefert. Enthält folgende Daten: - Fehlerfeld - Fehlercode. Wert ist immer > 1 - Fehlernachricht für den Kunden - Detaillierte Fehlernachricht für den Händler <;> trennt die Felder eines Datensatzes <+> trennt die Datensätze Beispiel: <Fehlerfeld>;<Fehlercode>;<Fehlernachricht Kunde>;<Fehlernachricht Händler>+ …
			BillPay response in case of error	**BillPay-Antwort bei Fehlern**
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText1 enthält die detaillierte Fehlernachricht von BillPay für den Händler. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText2 enthält die detaillierte Fehlernachricht von BillPay für den Käufer. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText3 enthält den detaillierten BillPay-Fehlercode. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.

Result parameters for BillPay payments methods control

To create and reserve the payment the second access requires just a few additional parameters depending on the payment method.

Notice: As soon as the customer changes its personal data or shopping basket, the payment method control must be resent. The previously implemented payment method control is no longer valid.

To generate a BillPay payment via a Server-to-Server connection, please use the following URL:

https://www.computop-paygate.com/billpay.aspx

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

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment

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.
BillPayAction	n1	M	Defines the method of payment used. <1> for invoice purchase, <2> for direct debit, <4> for PayLater, <7> for PayLater with assumption of debt, <8> for invoice purchase with assumption of debt, <9> for direct debit with assumption of debt. Notice: Only permitted payment methods may be used. See return parameter AllowedPayMethods in the response to the payment method control.
Activation Delay	n..3	OC	Mandatory for BillPayAction = 7, 8 or 9 (assumption of debt) Number of days until fulfilment of service (e.g. start of journey)
GtcValue	a..3	M	Defines whether or not the customer has confirmed BillPay's terms and conditions. Values: <YES> or <NO>
DateOfBirth	an10	MC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)
AccOwner	ans..50	OC	Obligatory if BillPayAction=2 (electronic direct debit) or 4 (PayLater) First name and last name of the account holder (purchaser)
IBAN	ans..34	OC	Obligatory if BillPayAction=2 (electronic direct debit) or 4 (PayLater) Customer's IBAN
BIC	ans..11	OC	Obligatory if BillPayAction=2 (electronic direct debit) or 4 (PayLater) Customer's BIC
BpBaseAmount	n..7	OC	Obligatory if BillPayAction=4 (PayLater): gross amount to be financed (total price + interest charge + transaction charge) The values come from the BillPay JavaScript-Snippet.
BpRateCount	n..2	OC	Mandatory if BillPayAction=4 (PayLater): Number of monthly instalments selected by purchaser The values come from the BillPay JavaScript-Snippet.
URLBack	ans..256	OC	Mandatory if BillPayAction=4 (PayLater): URL to which the customer is routed back after the down payment. Please use a reference within this URL in order to allocate the payment later. The parameter "URLBack" can be sent • either as plain parameter (unencrypted) (compatibility mode) • or be part of encrypted payment request parameters (preferred mode)
URLNotify	ans..256	OC	Mandatory if BillPayAction=4 (PayLater) and no URLNotify for PayLater ist stored at Computop: Complete URL, which calls up Paygate in order to notify the shop. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead. This URL is callad only if the customer was forwarded to the gateway for down payment, because in this case the response from gateway is delayed.
			Travel data
TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer's travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency

TravelerList	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation;firstname;lastname;birthday;membership;program;membershipid+…

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
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
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
BillPayAction	n1	M	Defines the method of payment used. <1> for invoice purchase, <2> for direct debit, <4> for PayLater, <7> for PayLater with assumption of debt, <8> for invoice purchase with assumption of debt, <9> for direct debit with assumption of debt. Notice: Only permitted payment methods may be used. See return parameter AllowedPayMethods in the response to the payment method control.	Definiert, welche Zahlungsart verwendet wird. <1> für Rechnungskauf, <2> für Lastschrift, <4> für PayLater, <7> für PayLater mit Schuldbeitritt, <8> für Rechnungskauf mit Schuldbeitritt, <9> für Lastschrift mit Schuldbeitritt. Hinweis: Es dürfen nur erlaubte Zahlungsarten verwendet werden. Siehe Rückgabeparameter AllowedPayMethods in der Response der Zahlartensteuerung.
ActivationDelay	n..3	OC	Mandatory for BillPayAction = 7, 8 or 9 (assumption of debt) Number of days until fulfilment of service (e.g. start of journey)	Pflicht bei BillPayAction = 7, 8 oder 9 (Schuldbeitritt) Anzahl der Tage bis zur Wahrnehmung der Dienstleistung (z.B. Reiseantritt)
GtcValue	a..3	M	Defines whether or not the customer has confirmed BillPay's terms and conditions. Values: <YES> or <NO>	Definiert, ob der Kunde die AGB von BillPay bestätigt hat. Werte: <YES> oder <NO>
DateOfBirth	an10	MC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)	Geburtsdatum des Kunden im Format JJJJ-MM-TT (darf bei BillPay B2B nicht übergeben werden)
AccOwner	ans..50	OC	Obligatory if BillPayAction=2 (electronic direct debit) or 4 (PayLater) First name and last name of the account holder (purchaser)	Pflicht, wenn BillPayAction=2 (Lastschrift) oder 4 (PayLater): Vor- und Zuname des Kontoinhabers (Käufer)
IBAN	ans..34	OC	Obligatory if BillPayAction=2 (electronic direct debit) or 4 (PayLater) Customer's IBAN	Pflicht, wenn BillPayAction=2 (Lastschrift) oder 4 (PayLater): IBAN des Kunden
BIC	ans..11	OC	Obligatory if BillPayAction=2 (electronic direct debit) or 4 (PayLater) Customer's BIC	Pflicht, wenn BillPayAction=2 (Lastschrift) oder 4 (PayLater): BIC des Kunden

BpBase Amount	n..7	OC	Obligatory if BillPayAction=4 (PayLater): gross amount to be financed (total price + interest charge + transaction charge) The values come from the BillPay JavaScript-Snippet.	Pflicht, wenn BillPayAction=4 (PayLater): zu finanzierender Bruttobetrag (Gesamtpreis + Zinsaufschlag + Transaktionsgebühr) Die Werte kommen aus dem BillPay JavaScript-Snippet.
BpRate Count	n..2	OC	Mandatory if BillPayAction=4 (PayLater): Number of monthly instalments selected by purchaser The values come from the BillPay JavaScript-Snippet.	Pflicht, wenn BillPayAction=4 (PayLater): Anzahl der vom Käufer gewählten Monatsraten Die Werte kommen aus dem BillPay JavaScript-Snippet.
URLBa ck	ans..256	OC	Mandatory if BillPayAction=4 (PayLater): URL to which the customer is routed back after the down payment. Please use a reference within this URL in order to allocate the payment later. The parameter "URLBack" can be sent • either as plain parameter (unencrypted) (compatibility mode) • or be part of encrypted payment request parameters (preferred mode)	Pflicht, wenn BillPayAction=4 (PayLater): URL, auf die der Kunde nach der Anzahlung zurückgeleitet wird. Verwenden Sie in der URL am besten eine Referenz, um die Zahlung entsprechend zuordnen zu können. Der Parameter "URLBack" kann • sowohl unverschlüsselt übermittelt werden (Kompabilitätsmodus) • als auch in den verschlüsselten Übergabeparametern (bevorzugte Variante)
URLNo tify	ans..256	OC	Mandatory if BillPayAction=4 (PayLater) and no URLNotify for PayLater ist stored at Computop: Complete URL, which calls up Paygate in order to notify the shop. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead. This URL is callad only if the customer was forwarded to the gateway for down payment, because in this case the response from gateway is delayed.	Pflicht, wenn BillPayAction=4 (PayLater) und keine URLNotify für PayLater bei Computop hinterlegt ist: 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. Die URL wird nur aufgerufen, wenn der Kunde zum Anzahlungsgateway weitergeleitet wurde, da in diesem Fall die Antwort vom Gateway zeitverzögert gesendet wird.
			Travel data	**Reisedaten**
TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer's travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency	Pflicht, wenn ArticleList/ArticleType 1-3: Reiseinformationen des Kunden mit folgenden Daten: - Anzahl bereits gebuchter Reisen, n..3 - Gesamtbetrag bereits gebuchter Reisen in kleinster Währungseinheit, n..7 - Währung bereits gebuchter Reisen, a3 Hinweise zum Aufbau des Parameters TripData: <;> trennt die Felder eines Datensatzes Beispiel: historicaltripcount;historicaltripamount;historicalcurrency
Travele rList	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program; membershipid+ salutation;firstname;lastname;birthday;membership; program;membershipid+…	Pflicht, wenn ArticleList/ArticleType 1-3: Liste der Reisenden mit folgenden Daten: - Anrede, a.. - Vorname, ans..40 - Nachname, ans..40 - Geburtstag im Format YYYYMMDD, a8 - Mitgliedschaft, n1 • 0: nicht verfügbar (Standardwert) • 1: Mitglied in einem Vielfliegerprogramm • 2: Kein Mitglied in einem Vielfliegerprogramm - MitgliedsID im Vielfliegerprogramm, ans..50 (Standard: 0) Hinweise zum Aufbau des Parameters TravelerList: <;> trennt die Felder eines Datensatzes Pro Reisendem muss ein kompletter Datensatz übergeben werden. Beispiel: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation;firstname;lastname;birthday;membership;program; membershipid+…

Parameters for BillPay payment after payment methods control

The response parameters correspond to the parameters of general process which are explained above.

PayLater via BillPay

This chapter describes how to process a PayLater payment via BillPay. PayLater is an extension of the Billpay-connection. Further functions and general parameters are described in the general documentation of Billpay.

To make a payment with PayLater via BillPay, please use the following URL:

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

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

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
refnr	ns..30	O	Merchant's unique reference number
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk, if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • HMAC Authentication (Request) • HMAC Authentication (Notify)
Language	a2	M	Language code according to ISO 639-1 (e.g. de for German)
NewCustomer	ans..5	M	Defines whether or not the purchaser is a new customer. Values: <YES>, <NO>, <GUEST>
BillPayAction	n1	M	Defines the method of payment used. Values: <1> for invoice purchase <2> for direct debit <4> for PayLater <7> for PayLater with assumption of debt <8> for invoice purchase with assumption of debt <9> for direct debit with assumption of debt
GtcValue	a..3	M	Defines whether or not the customer has confirmed BillPay's terms and conditions. Values: <YES> or <NO>
DateOfBirth	an10	OC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)
IpAddr	ans15	M	Customer´s IP address in IPv4 or IPv6 format
ActivationDelay	n..3	OC	Mandatory for BillPayAction = 7, 8 or 9 (assumption of debt) Number of days until fulfilment of service (e.g. start of journey)
CompanyOrPerson	a1	OC	Distinction of the purchaser as private person or company. Values: <F> for companies, <P> for persons, default value <P>. Obligatory for BillPay B2B
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)
			Invoice data
bdSalutation	a..15	OC	Obligatory if CompanyOrPerson=P: Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
bdTitle	ans..20	O	Title of the customer or contact person within the company on the invoice, e.g. Dr. or Prof.
bdFirstName	ans..50	M	First name of customer or contact person in company
bdLastName	ans..50	M	Last name of customer or contact person in company
bdStreet	a..50	M	Street name in the invoicing address
bdStreetNr	ans..5	M	Street number of the invoicing address

bdStreet2	a..50	O	Address addition in the billing address
bdZip	n5	M	Postcode in the invoicing address
bdCity	ans..50	M	Town/city of the invoicing address
bdCountryCode	a3	M	Country code in the billing address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.
EMail	ans..50	M	E-mail address of the customer or contact person on the invoicing address
Phone	ans..15	M	Telephone number of the customer or contact person on the invoicing address
MobileNo	ans..50	O	Mobile telephone number of the customer on the invoicing address
			Delivery data
UseBillingData	a3	M	Is the invoicing address to be used as the delivery address? Permissible: <Yes> or <No>. If <No>, parameters for the delivery address become obligatory. If <Yes>, no parameters are transferred for the delivery address.
sdSalutation	a..15	OC	Obligatory, if UseBillingData=No: Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
sdTitle	ans..20	O	Title of the customer on the invoice, e.g. Dr. or Prof.
sdFirstName	ans..50	C	Obligatory, if UseBillingData=No: First name of customer or contact person in company
sdLastName	ans..50	C	Obligatory, if UseBillingData=No: Last name of customer or contact person in company
sdStreet	a..50	C	Obligatory, if UseBillingData=No: Street in the delivery address
sdStreetNr	ans..5	C	Obligatory, if UseBillingData=No: Street number of the delivery address
sdStreet2	a..50	O	Address addition in the delivery address
sdZip	n5	C	Obligatory, if UseBillingData=No: Postcode in the delivery address
sdCity	ans..50	C	Obligatory, if UseBillingData=No: Town/city of the delivery address
sdCountryCode	a3	C	Obligatory, if UseBillingData=No: Country code in the delivery address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.
sdPhone	ans..15	O	Telephone number of the customer in the delivery address
sdMobileNo	ans..50	O	Mobile telephone number of the customer in the delivery address
			Company data
CompanyName	ans..200	C	Company name. Obligatory if CompanyOrPerson=F
LegalForm	a..12	C	Legal form of the company. Obligatory, if CompanyOrPerson=F Values: <ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.
RegisterNumber	ans..20	C	Register of Companies number/commercial register Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies
HolderName	ans..100	C	Optional: Name of the firm owner Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies
TaxNumber	ans..20	C	VAT Reg. No. Notice: The specification of the VAT Reg. No. increases the probability of a hit
			Article and order data

Article List	ans..768	M	Customer’s shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. - Artikcle type, optional, Obligatory for BillPayAction 7/8/9; n1: • 0: Other (default value) • 1: Flight • 2: Luggage with flight • 3: Combination of articles with flight • 4: Combination of articles without flight • 5: Hotel • 6: Travel insurance • 7: Car rental - Departure destination, optional, mandatory with article type 1-3; a..3 - Departure date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Arrival destination, optional, mandatory with article type 1-3; a..3 - Arrival date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Booking class, optional, mandatory with article type 1-3; a..2 (bc: Business class, fc: First class, co: Bus, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Round trip, ow: One-way, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Change of booking not possible, rf: Change of booking, chargeable, possible, fl: No change of booking fees, na: not available) Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype; departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat; arrivingon;bookingclass;routtype;tickettype +…
Order Desc	ans..768	M	Customer’s complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546

Order History	ans..768	O	Customer's order history/order information from the last 20 orders with the following information: - Historical order number., ans..20 - Date of order, format YYYYMMDD hh:mm:ss - Total price in the smallest currency unit, n..7 - Currency according to ISO 4217 - Payment method of the order with the following values: <0> Direct Debit, <1> Credit Card, <2> Advance Payment, <3> Cash on Delivery, <4> Paypal, <5> Online Transfer, <6> Invoice, <7> BillPay invoice, <100> Other. - Status of the order with the following values: <0> paid, <1> open, <2> reminder, <3> debt collection, <4> overpaid, <5> underpaid, <6> cancelled. Note on the structure of the OrderHistory: <;> separates the fields of an article data set <+> separates the article data sets A max. of 20 data records may be transferred Example: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate;hamount;hcurrency; hpaymenttype;hstatus+…
CustomerClassification	n1	O	Customer specification 0 – Customer has not yet ordered or has successfully completed payment for fewer than 2 orders 1 – Customer has already made successful payment for 2 or more orders
Limit	n..12	OC	Mandatory if CustomerClassification is transmitted: Numeric value Limit, based on the positive payment history x in Euro. If CustomerClassification=0 - and no successful payment: Limit=0 - and one successful payment: Limit=2500 If CustomerClassification=1 Rule Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Example: Payment history EUR 180 over 2 purchases: Limit = 180*200 = 36000
			Bank data
AccOwner	ans..50	M	First name and surname of the account holder (purchaser)
IBAN	ans..34	M	Customer's IBAN
BIC	an..11	M	Customer's BIC
			in case of BillPay hire purchase
BpBaseAmount	n..7	M	Re financing gross amount (total price + interest + transaction fee)
BpRateCount	n..2	M	Number of monthly instalments selected by purchaser Notice: BpRateCount is to be used together with PayID and BillPayAction for a subsequent call.
URLBack	ans..256	M	URL to which the customer is routed back after the down payment. Please use a reference within this URL in order to allocate the payment later. The parameter "URLBack" can be sent • either as plain parameter (unencrypted) (compatibility mode) • or be part of encrypted payment request parameters (preferred mode)
URLNotify	ans..256	MC	Mandatory if no URLNotify for PayLater ist stored at Computop: Complete URL, which calls up Paygate in order to notify the shop. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead. This URL is callad only if the customer was forwarded to the gateway for down payment, because in this case the response from gateway is delayed.
			Travel data

TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer’s travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency
TravelerList	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation;firstname;lastname;birthday;membership;program;membershipid+…

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

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

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

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. 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
Language	a2	M	Language code according to ISO 639-1 (e.g. de for German)	Sprachkennzeichen nach ISO 639-1 (z.B. de für Deutsch)
NewCustomer	ans..5	M	Defines whether or not the purchaser is a new customer. Values: <YES>, <NO>, <GUEST>	Definiert, ob der Käufer ein Neukunde ist. Werte: <YES>, <NO>, <GUEST>
BillPayAction	n1	M	Defines the method of payment used. Values: <1> for invoice purchase <2> for direct debit <4> for PayLater <7> for PayLater with assumption of debt <8> for invoice purchase with assumption of debt <9> for direct debit with assumption of debt	Definiert, welche Zahlungsart verwendet wird. Werte: <1> für Rechnungskauf <2> für Lastschrift <4> für PayLater <7> für PayLater mit Schuldbeitritt <8> für Rechnung mit Schuldbeitritt <9> für Lastschrift mit Schuldbeitritt
GtcValue	a..3	M	Defines whether or not the customer has confirmed BillPay’s terms and conditions. Values: <YES> or <NO>	Definiert, ob der Kunde die AGB von BillPay bestätigt hat. Werte: <YES> oder <NO>

DateOfBirth	an10	OC	Birth date of the customer in the format YYYY-MM-DD (may not be transmitted in the case of BillPay B2B)	Geburtsdatum des Kunden im Format JJJJ-MM-TT (darf bei BillPay B2B nicht übergeben werden)
IpAddr	ans15	M	Customer´s IP address in IPv4 or IPv6 format	IP-Adresse des Kunden im Format IPv4 oder IPv6
ActivationDelay	n..3	OC	Mandatory for BillPayAction = 7, 8 or 9 (assumption of debt) Number of days until fulfilment of service (e.g. start of journey)	Pflicht bei BillPayAction = 7, 8 oder 9 (Schuldbeitritt) Anzahl der Tage bis zur Wahrnehmung der Dienstleistung (z.B. Reiseantritt)
CompanyOrPerson	a1	OC	Distinction of the purchaser as private person or company. Values: <F> for companies, <P> for persons, default value <P>. Obligatory for BillPay B2B	Unterscheidung des Käufers nach Privatperson oder Firma. Werte: <F> für Firmen, <P> für Personen, Standardwert <P>. Pflicht bei BillPay B2B
BrowserSessionID	ans..100	O	SessionID for fraud detection (must be the same with the SessionID from the JavaScript-Widget)	SessionID zur Betrugsidentifizierung (muss gleich sein mit der SessionID aus dem JavaScript-Widget)
			Invoice data	**Rechnungsdaten**
bdSalutation	a..15	OC	Obligatory if CompanyOrPerson=P: Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle	Pflicht, wenn CompanyOrPerson=P: Anrede des Kunden auf der Rechnung. Zulässige Werte: Männlich: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Weiblich: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
bdTitle	ans..20	O	Title of the customer or contact person within the company on the invoice, e.g. Dr. or Prof.	Titel des Kunden oder der Kontaktperson in der Firma auf der Rechnung, z.B. Dr. oder Prof.
bdFirstName	ans..50	M	First name of customer or contact person in company	Vorname des Kunden oder der Kontaktperson in der Firma
bdLastName	ans..50	M	Last name of customer or contact person in company	Nachname des Kunden oder der Kontaktperson in der Firma
bdStreet	a..50	M	Street name in the invoicing address	Straßenname der Rechnungsadresse
bdStreetNr	ans..5	M	Street number of the invoicing address	Hausnummer der Rechnungsadresse
bdStreet2	a..50	O	Address addition in the billing address	Adresszusatz der Rechnungsadresse
bdZip	n5	M	Postcode in the invoicing address	Postleitzahl der Rechnungsadresse
bdCity	ans..50	M	Town/city of the invoicing address	Ort der Rechnungsadresse
bdCountryCode	a3	M	Country code in the billing address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.	Ländercode der Rechnungsadresse dreistellig. Erlaubt sind derzeit Deutschland (DEU), Schweiz (CHE) und Österreich (AUT).
EMail	ans..50	M	E-mail address of the customer or contact person on the invoicing address	E-Mail-Adresse des Kunden oder der Kontaktperson in der Firma in der Rechnungsanschrift
Phone	ans..15	M	Telephone number of the customer or contact person on the invoicing address	Telefonnummer des Kunden oder der Kontaktperson in der Firma in der Rechnungsanschrift
MobileNo	ans..50	O	Mobile telephone number of the customer on the invoicing address	Handy-Nummer des Kunden oder der Kontaktperson in der Rechnungsanschrift
			Delivery data	**Lieferdaten**
UseBillingData	a3	M	Is the invoicing address to be used as the delivery address? Permissible: <Yes> or <No>. If <No>, parameters for the delivery address become obligatory. If <Yes>, no parameters are transferred for the delivery address.	Soll die Rechnungsadresse als Lieferadresse genutzt werden? Zulässig: <Yes> oder <No>. Bei <No> werden Parameter zur Lieferadresse Pflicht. Bei <Yes> werden keine Parameter zur Lieferadresse übergeben.
sdSalutation	a..15	OC	Obligatory, if UseBillingData=No: Salutation of the customer on the invoice. Permissible values: Male: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Female: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle	Pflicht, wenn UseBillingData=No: Anrede des Kunden auf der Rechnung. Zulässige Werte: Männlich: Herr, Hr, Hr., Mister, Mr, Mr., Sir, Signor, Sig, Sig., Gentleman, Gentiluomo, Padrone, Monsieur, M, M. Weiblich: Frau, Fräulein, Fr, Fr., Miss, Ms, Ms., Mrs, Mrs., Signora, Sig.ra, Donna, La Signora, Madame, Mme, Mademoiselle, Mlle, Mle
sdTitle	ans..20	O	Title of the customer on the invoice, e.g. Dr. or Prof.	Titel des Kunden auf der Rechnung, z.B. Dr. oder Prof.
sdFirstName	ans..50	C	Obligatory, if UseBillingData=No: First name of customer or contact person in company	Pflicht, wenn UseBillingData=No: Vorname des Kunden oder der Kontaktperson in der Firma
sdLastName	ans..50	C	Obligatory, if UseBillingData=No: Last name of customer or contact person in company	Pflicht, wenn UseBillingData=No: Nachname des Kunden oder der Kontaktperson in der Firma
sdStreet	a..50	C	Obligatory, if UseBillingData=No: Street in the delivery address	Pflicht, wenn UseBillingData=No: Straßenname der Lieferadresse
sdStreetNr	ans..5	C	Obligatory, if UseBillingData=No: Street number of the delivery address	Pflicht, wenn UseBillingData=No: Hausnummer der Lieferadresse
sdStreet2	a..50	O	Address addition in the delivery address	Adresszusatz der Lieferadresse
sdZip	n5	C	Obligatory, if UseBillingData=No: Postcode in the delivery address	Pflicht, wenn UseBillingData=No: Postleitzahl der Lieferadresse
sdCity	ans..50	C	Obligatory, if UseBillingData=No: Town/city of the delivery address	Pflicht, wenn UseBillingData=No: Ort der Lieferadresse
sdCountryCode	a3	C	Obligatory, if UseBillingData=No: Country code in the delivery address, 3 characters. Germany (DEU), Suisse (CHE) and Austria (AUT) are currently permitted.	Pflicht, wenn UseBillingData=No: Ländercode der Lieferanschrift dreistellig. Erlaubt sind derzeit Deutschland (DEU), Schweiz (CHE) und Österreich (AUT).
sdPhone	ans..15	O	Telephone number of the customer in the delivery address	Telefonnummer des Kunden in der Lieferanschrift
sdMobileNo	ans..50	O	Mobile telephone number of the customer in the delivery address	Handy-Nummer des Kunden in der Lieferanschrift
			Company data	**Firmendaten**
CompanyName	ans..200	C	Company name. Obligatory if CompanyOrPerson=F	Firmenname. Pflicht, falls CompanyOrPerson=F
LegalForm	a..12	C	Legal form of the company. Obligatory, if CompanyOrPerson=F Values: <ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.	Rechtsform des Unternehmens. Pflicht, wenn CompanyOrPerson=F Werte:<ag>, <eg>, <einzel>, <ek>, <e_ges>, <ev>, <foundation>, <freelancer>, <gbr>, <gmbh>, <gmbh_ig>, <gmbh_co_kg>, <inv_kk>, <kg>, <kgaa>, <k_ges>, <ltd>, <ltd_co_kg>, <ohg>, <public_inst>, <misc_capital>, <misc>, <ug>.
RegisterNumber	ans..20	C	Register of Companies number/commercial register Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies	Handelsregisternummer/Firmenbuch Pflicht, wenn CompanyOrPerson=F und bestimmte Kombination von LegalForm und bdCountryCode zutrifft

HolderName	ans..100	C	Optional: Name of the firm owner Obligatory if CompanyOrPerson=F and a certain combination of LegalForm and bdCountryCode applies	Optional: Name des Firmeninhabers Pflicht, wenn CompanyOrPerson=F und bestimmte Kombination von LegalForm und bdCountryCode zutrifft
TaxNumber	ans..20	C	VAT Reg. No. Notice: The specification of the VAT Reg. No. increases the probability of a hit	Umsatzsteueridentifikationsnummer Hinweis: Die Angabe der USt-ID erhöht die Trefferwahrscheinlichkeit
			Article and order data	**Artikel- und Bestelldaten**
ArticleList	ans..768	M	Customer's shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 - Category, ans.. - Sub category1, ans.. - Sub category2, ans.. - Artikcle type, optional, Obligatory for BillPayAction 7/8/9; n1: • 0: Other (default value) • 1: Flight • 2: Luggage with flight • 3: Combination of articles with flight • 4: Combination of articles without flight • 5: Hotel • 6: Travel insurance • 7: Car rental - Departure destination, optional, mandatory with article type 1-3; a..3 - Departure date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Arrival destination, optional, mandatory with article type 1-3; a..3 - Arrival date, optional, mandatory with article type 1-3; n8 in format YYYYMMDD - Booking class, optional, mandatory with article type 1-3; a..2 (bc: Business class, fc: First class, co: Bus, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Round trip, ow: One-way, na: not available) - Route type, optional, mandatory with article type 1-3; a..2 (rt: Change of booking not possible, rf: Change of booking, chargeable, possible, fl: No change of booking fees, na: not available) Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype +…	Warenkorb des Kunden mit folgenden Artikeldaten: - Artikelnr., ans..20 - Anzahl, n..7 - Artikelname, ans..50 - Artikelbeschreibung, ans..50 - Artikelpreis netto in kleinster Währungseinheit, n..7 - Artikelpreis brutto in kleinster Währungseinheit, n..7 - Kategorie, ans.. - Subkategorie1, ans.. - Subkategorie2, ans.. - Artikeltyp, optional, Pflicht bei BillPayAction 7/8/9; n1: • 0: Anderes (Defaultwert) • 1: Flug • 2: Gepäck mit Flug • 3: Kombination aus Artikeln mit Flug • 4: Kombination aus Artikeln ohne Flug • 5: Hotel • 6: Reiseversicherung • 7: Autovermietung - Abreiseort, optional, Pflicht bei Artikeltyp 1-3; a..3 - Abreisedatum, optional, Pflicht bei Artikeltyp 1-3; n8 im Format YYYYMMDD - Ankunftsort, optional, Pflicht bei Artikeltyp 1-3; a..3 - Ankunftsdatum, optional, Pflicht bei Artikeltyp 1-3; n8 im Format YYYYMMDD - Buchungsklasse, optional, Pflicht bei Artikeltyp 1-3; a..2 (bc: Business-Klasse, fc: Erste Klasse, co: Bus, na: nicht verfügbar) - Routentyp, optional, Pflicht bei Artikeltyp 1-3; a..2 (rt: Rundreise, ow: Einweg, na: nicht verfügbar) - Tickettyp, optional, Pflicht bei Artikeltyp 1-3; a..2 (nr: Umbuchung nicht möglich, rf: Umbuchung gegen Gebühr möglich, fl: keine Umbuchungsgebühren, na: nicht verfügbar) Hinweis zum Aufbau der Artikelliste: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze Jeder Artikel wird als kompletter Artikeldatensatz übergeben: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype+ articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross;category;subcategory1; subcategory2;articletype;departingfrom;departingon;arrivingat;arrivingon;bookingclass;routtype;tickettype +…
OrderDesc	ans..768	M	Customer's complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546	Gesamter Warenkorb des Kunden einschließlich Bestellung, Gebühren und Rabatten mit folgenden Daten: - Versandname (Name der Versandmethode), ans..50 - Versandkosten netto in kleinster Währungseinheit, n..7 - Versandkosten brutto in kleinster Währungseinheit, n..7 - Rabatt netto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Rabatt brutto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Gesamtpreis netto in kleinster Währungseinheit, n..7 - Gesamtpreis brutto in kleinster Währungseinheit, n..7 Hinweis zum Aufbau der Bestellinformation: <;> trennt die Felder der Bestellinformation Jede Bestellung wird als kompletter Datensatz übergeben. Alle übergebenen Daten werden validiert, wobei die Summe der Einzelpositionen den Gesamtpreis ergeben muss. Dabei muss gelten: Gesamtpreis brutto=Summe(Artikelanzahl x Artikelbruttopreis) + Versandkosten brutto – Rabatt brutto Gesamtpreis=Summe(Artikelanzahl x Artikelnettopreis) + Versandkosten – Rabatt Beispiel: Versandname;Versandkosten;Versandkosten brutto;Rabatt;Rabatt brutto;Gesamtpreis; Gesamtpreis brutto DHL Standard;336;400;1390;1654;22307;26546

OrderHistory	ans..768	O	Customer's order history/order information from the last 20 orders with the following information: - Historical order number., ans..20 - Date of order, format YYYYMMDD hh:mm:ss - Total price in the smallest currency unit, n..7 - Currency according to ISO 4217 - Payment method of the order with the following values: <0> Direct Debit, <1> Credit Card, <2> Advance Payment, <3> Cash on Delivery, <4> Paypal, <5> Online Transfer, <6> Invoice, <7> BillPay invoice, <100> Other. - Status of the order with the following values: <0> paid, <1> open, <2> reminder, <3> debt collection, <4> overpaid, <5> underpaid, <6> cancelled. Note on the structure of the OrderHistory: <;> separates the fields of an article data set <+> separates the article data sets A max. of 20 data records may be transferred Example: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate; hamount;hcurrency; hpaymenttype;hstatus+…	Bestellhistorie/Bestellinformation des Kunden der letzten 20 Bestellungen mit folgenden Informationen: - Historische Bestellnr., ans..20 - Bestelldatum, Format YYYYMMDD hh:mm:ss - Gesamtpreis in kleinster Währungseinheit, n..7 - Währung nach ISO 4217 - Zahlungsart der Bestellung mit folgenden Werten: <0> Lastschrift, <1> Kreditkarte, <2> Vorkasse, <3> Nachnahme, <4> PayPal, <5> Sofort/giropay, <6> Rechnung, <7> BillPay-Rechnung, <100> Sonstige. - Status der Bestellung mit folgenden Werten: <0> bezahlt, <1> offen, <2> Mahnwesen, <3> Inkasso, <4> überbezahlt, <5> unterbezahlt, <6> geplatzt. Hinweis zum Aufbau der OrderHistory: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze max. 20 Datensätze dürfen übergeben werden Beispiel: hordrid;hdate;hamount;hcurrency;hpaymenttype; hstatus+hordrid;hdate; hamount;hcurrency; hpaymenttype;hstatus+…
CustomerClassification	n1	O	Customer specification 0 – Customer has not yet ordered or has successfully completed payment for fewer than 2 orders 1 – Customer has already made successful payment for 2 or more orders	Kundenspezifikation 0 – Kunde hat noch nie bestellt oder weniger als 2 Bestellungen erfolgreich bezahlt 1 – Kunde hat bereits 2 oder mehr Bestellungen erfolgreich bezahlt
Limit	n..12	OC	Mandatory if CustomerClassification is transmitted: Numeric value Limit, based on the positive payment history x in Euro. If CustomerClassification=0 - and no successful payment: Limit=0 - and one successful payment: Limit=2500 If CustomerClassification=1 Rule Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Example: Payment history EUR 180 over 2 purchases: Limit = 180*200 = 36000	Pflicht, wenn CustomerClassification übermittelt wird: Numerischer Wert Limit, basierend auf der positiven Bezahlerfahrung x in Euro. Wenn CustomerClassification=0 - und keine erfolgreiche Zahlung: Limit=0 - und eine erfolgreiche Zahlung: Limit=2500 Wenn CustomerClassification=1 Regel Limit 1 € < x < 40 € 8000 40 € =< x < 75 € 15000 75 € =< x < 300 € x * 200 300 € =< x < 2000 € (600 + (x-300) / 2) * 100 2000 € =< x 250000 Beispiel: Zahlungserfahrung 180 Euro in 2 Käufen: Limit = 180*200 = 36000
			Bank data	**Bankdaten**
AccOwner	ans..50	M	First name and surname of the account holder (purchaser)	Vor- und Zuname des Kontoinhabers (Käufers)
IBAN	ans..34	M	Customer's IBAN	IBAN des Kunden
BIC	an..11	M	Customer's BIC	BIC des Kunden
			in case of BillPay hire purchase	**bei Billpay-Ratenkauf**
BpBaseAmount	n..7	M	Re financing gross amount (total price + interest + transaction fee)	Zu finanzierender Bruttobetrag (Gesamtpreis + Zinsaufschlag + Transaktionsgebühr)
BpRateCount	n..2	M	Number of monthly instalments selected by purchaser Notice: BpRateCount is to be used together with PayID and BillPayAction for a subsequent call.	Anzahl der vom Käufer gewählten Monatsraten Hinweis: BpRateCount ist zusammen mit PayID und BillPayAction für einen Folgeaufruf zu verwenden.
URLBack	ans..256	M	URL to which the customer is routed back after the down payment. Please use a reference within this URL in order to allocate the payment later. The parameter "URLBack" can be sent • either as plain parameter (unencrypted) (compatibility mode) • or be part of encrypted payment request parameters (preferred mode)	URL, auf die der Kunde nach der Anzahlung zurückgeleitet wird. Verwenden Sie in der URL am besten eine Referenz, um die Zahlung entsprechend zuordnen zu können. Der Parameter "URLBack" kann • sowohl unverschlüsselt übermittelt werden (Kompabilitätsmodus) • als auch in den verschlüsselten Übergabeparametern (bevorzugte Variante)
URLNotify	ans..256	MC	Mandatory if no URLNotify for PayLater ist stored at Computop: Complete URL, which calls up Paygate in order to notify the shop. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead. This URL is callad only if the customer was forwarded to the gateway for down payment, because in this case the response from gateway is delayed.	Pflicht, wenn keine URLNotify für PayLater bei Computop hinterlegt ist: 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. Die URL wird nur aufgerufen, wenn der Kunde zum Anzahlungsgateway weitergeleitet wurde, da in diesem Fall die Antwort vom Gateway zeitverzögert gesendet wird.
			Travel data	**Reisedaten**
TripData	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: Customer's travel information with the following data: - Number of trips already posted, n..3 - Total amount of trips already posted in the smallest currency unit , n..7 - Currency of trips already posted, a3 Hints on structure of parameter TripData: <;> separates the fields of a data set Example: historicaltripcount;historicaltripamount;historicalcurrency	Pflicht, wenn ArticleList/ArticleType 1-3: Reiseinformationen des Kunden mit folgenden Daten: - Anzahl bereits gebuchter Reisen, n..3 - Gesamtbetrag bereits gebuchter Reisen in kleinster Währungseinheit, n..7 - Währung bereits gebuchter Reisen, a3 Hinweise zum Aufbau des Parameters TripData: <;> trennt die Felder eines Datensatzes Beispiel: historicaltripcount;historicaltripamount;historicalcurrency

Traveler List	ans..768	OC	Mandatory if ArticleList/ArticleType 1-3: List of travellers with the following data: - Salutation, a.. - First name, ans..40 - Surname, ans..40 - Birthday in format YYYYMMDD, a8 - Membership, n1 • 0: Not available (standard value) • 1: Member of a frequent flyer programme • 2: No member of a frequent flyer programme - MemberID in the frequent flyer programme, ans..50 (standard: 0) Hints on structure of parameter TraverlList: <;> separates the fields of a data set A complete data record must be transferred per traveller. Example: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation; firstname;lastname;birthday;membership;program;membershipid+…	Pflicht, wenn ArticleList/ArticleType 1-3: Liste der Reisenden mit folgenden Daten: - Anrede, a.. - Vorname, ans..40 - Nachname, ans..40 - Geburtstag im Format YYYYMMDD, a8 - Mitgliedschaft, n1 • 0: nicht verfügbar (Standardwert) • 1: Mitglied in einem Vielfliegerprogramm • 2: Kein Mitglied in einem Vielfliegerprogramm - MitgliedsID im Vielfliegerprogramm, ans..50 (Standard: 0) Hinweise zum Aufbau des Parameters TravelerList: <;> trennt die Felder eines Datensatzes Pro Reisendem muss ein kompletter Datensatz übergeben werden. Beispiel: salutation;firstname;lastname;birthday;membership;program;membershipid+ salutation; firstname;lastname;birthday;membership;program;membershipid+…

Parameters for PayLater via BillPay

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

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

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

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK, FAILED or AUTHORIZE_REQUEST if a down payment is needed
Description	ans..1024	M	Further details in the event that payment is rejected. Please **do not** use the **Description but** the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
RefNr	ns..30	O	Merchant's reference number. In case of updating the RefNr the new RefNr is returned to the merchant.
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED>, <PRE_APPROVED> (in case of a necessary down payment) or <NOSTATUS> if errors occurred
BpTransactionID	ans..50	O	BillPay transaction number Notice: BpTransactionID is returned only if BpStatus=APPROVED
			Response from PayLater
BpConditionsList	ans..768	C	is returned only if BpStatus=APPROVED Values for calculation of the instalment plan: - num_inst: Number of monthly partial amounts to be paid by the customer - duration: Term of instalment plan - fee_percent: Percentage of PayLater fee - fee_total: Total sum of PayLater fee - pre_payment: Amount paid - total_amount: Total amount of PayLater order - eff_anual: eff. annual interest rate in percent - nominal: Annual nominal interest rate in percent <;>separates fields within a financing data record Example: <num_inst>;<duration>;<fee_percent>;<fee_total>;<pre_payment>;<total_amount>;<eff_anual>;<nominal>

BpPaymentPlan	ans..768	C	is returned only if BpStatus=APPROVED List with monthly instalments and due date and amount of instalment - Value of instalments payable in the smallest currency unit “instl” - Date of expected receipt “date” - Type of instalment “type” <;> separates the instalment and date of a data record <+> separates monthly instalments Example: „instl1“; „date1“; „type1“+ „instl2“; „date2“; „type2“ + „instl3“…
PrePayment	n..12	C	Is returned only if BpStatus=PRE_APPROVED Amount of prepayment to be payed by the customer
BpLink1	ans..768	C	Is returned only if BpStatus=PRE_APPROVED URL for forwarding to the prepayment partner. This value is URL-encoded und must be URL-decoded.
BpLink2	ans..768	C	Is returned only if BpStatus=PRE_APPROVED URL for the updated instalment plan including the amount of prepayment. This value is URL-encoded und must be URL-decoded.
Campaign	ans..768	C	Is returned only if BpStatus=PRE_APPROVED Campaign information - type of campaign. This describes the shifting of the payment date (e.g. 14 days or 7 days) “type” - Text displayed on the page before transfer to payment partner “display_text” - Path to a promotional image depending on the campaign “display_image_url” <;> separates the fields of the campaign information Example: „type“; „display_text“; „display_image_url“
			Corrected address data
Street	ans..50	O	Corrected street of customer
StreetNr	ans..5	O	Corrected street number of customer
Zip	ans..5	O	Corrected postcode of customer
City	ans..50	O	Corrected town/city of customer
Country	a3	O	Customer’s corrected country code according to ISO3166 alpha-3
			Response in case of error
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement 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, FAILED or AUTHORIZE_REQUEST if a down payment is needed	OK, FAILED oder AUTHORIZE_REQUEST bei einer nötigen Anzahlung

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

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

Key	Format	CND	Description	Beschreibung
RefNr	ns..30	O	Merchant's reference number. In case of updating the RefNr the new RefNr is returned to the merchant.	Referenznummer des Händlers. Im Falle einer Aktualisierung der RefNr bekommt Händler die neue RefNr zurück.
BpStatus	a..8	M	Status of the BillPay identity check and credit rating. Values: <APPROVED>, <DENIED>, <PRE_APPROVED> (in case of a necessary down payment) or <NOSTATUS> if errors occurred	Status der BillPay Identitäts- und Bonitätsprüfung. Werte: <APPROVED>, <DENIED>, <PRE_APPROVED> (im Falle einer nötigen Anzahlung) oder bei Fehlern <NOSTATUS>
BpTransactionID	ans..50	O	BillPay transaction number Notice: BpTransactionID is returned only if BpStatus=APPROVED	BillPay-Transaktionsnummer Hinweis: BpTransactionID wird nur zurückgegeben, wenn BpStatus=APPROVED
			Response from PayLater	**Antwort von PayLater**
BpConditionsList	ans..768	C	is returned only if BpStatus=APPROVED Values for calculation of the instalment plan: - num_inst: Number of monthly partial amounts to be paid by the customer - duration: Term of instalment plan - fee_percent: Percentage of PayLater fee - fee_total: Total sum of PayLater fee - pre_payment: Amount paid - total_amount: Total amount of PayLater order - eff_anual: eff. annual interest rate in percent - nominal: Annual nominal interest rate in percent <;>separates fields within a financing data record Example: <num_inst>;<duration>;<fee_percent>;<fee_total>;<pre_payment>;<total_amount>;<eff_anual>;<nominal>	wird nur zurückgegeben, wenn BpStatus=APPROVED: Werte für die Berechnung des Ratenplans: - num_inst: Anzahl der durch den Kunden zu zahlenden monatlichen Teilbeträge - duration: Laufzeit des Ratenplans - fee_percent: Prozentuale Angabe der PayLater-Gebühr - fee_total: Gesamtsumme der erhobenen PayLater-Gebühr - pre_payment: angezahlter Betrag - total_amount: Gesamtbetrag der PayLater-Bestellung - eff_anual: eff. Jahreszins in Prozent - nominal: Jährlicher Nominalzins in Prozent <;> trennt Felder innerhalb eines Finanzierungsdatensatzes Beispiel: <num_inst>;<duration>;<fee_percent>;<fee_total>;<pre_payment>;<total_amount>;<eff_anual>;<nominal>
BpPaymentPlan	ans..768	C	is returned only if BpStatus=APPROVED List with monthly instalments and due date and amount of instalment - Value of instalments payable in the smallest currency unit "instl" - Date of expected receipt "date" - Type of instalment "type" <;> separates the instalment and date of a data record <+> separates monthly instalments Example: „instl1"; „date1"; „type1"+ „instl2"; „date2"; „type2" + „instl3"…	wird nur zurückgegeben, wenn BpStatus=APPROVED: Liste der monatlichen Raten inkl. Einzugsdatum und Höhe der Rate - Wert fällige Rate in kleinster Währungseinheit „instl" - Datum des voraussichtlichen Einzugs „date" - Typ des Rate „type" <;> trennt Rate und Datum eines Datensatzes <+> trennt monatliche Raten Beispiel: „instl1"; „date1"; „type1"+ „instl2"; „date2"; „type2" + „instl3"…
PrePayment	n..12	C	Is returned only if BpStatus=PRE_APPROVED Amount of prepayment to be payed by the customer	Wird nur zurückgegeben, wenn BpStatus=PRE_APPROVED: Vom Kunden zu leistender Anzahlungsbetrag
BpLink1	ans..768	C	Is returned only if BpStatus=PRE_APPROVED URL for forwarding to the prepayment partner. This value is URL-encoded und must be URL-decoded.	Wird nur zurückgegeben, wenn BpStatus=PRE_APPROVED: URL für Weiterleitung zum Anzahlungspartner. Dieser Wert ist URL-Encoded und muss entsprechend URL-Decoded werden.
BpLink2	ans..768	C	Is returned only if BpStatus=PRE_APPROVED URL for the updated instalment plan including the amount of prepayment. This value is URL-encoded und must be URL-decoded.	Wird nur zurückgegeben, wenn BpStatus= PRE_APPROVED: URL zum aktualisierten Ratenplan inklusive Anzahlungsbetrag. Dieser Wert ist URL-Encoded und muss entsprechend URL-Decoded werden.

Campaign	ans..768	C	Is returned only if BpStatus=PRE_APPROVED Campaign information - type of campaign. This describes the shifting of the payment date (e. g. 14 days or 7 days) “type” - Text displayed on the page before transfer to payment partner “display_text” - Path to a promotional image depending on the campaign “display_image_url” <;> separates the fields of the campaign information Example: „type“; „display_text“; „display_image_url“	Wird nur zurückgegeben, wenn BpStatus= PRE_APPROVED: Kampagneninformationen - Art der Kampagne. Diese beschreibt die Verschiebung des Zahlungsziels (z. B. 14 Tage oder 7 Tage) „type“ - Ausformulierter Text zur Anzeige auf der Seite vor der Weiterleitung zum Anzahlungspartner „display_text“ - Pfad zu einem Promotion-Bild entsprechend der Kampagne „display_image_url“ <;> trennt die Felder der Kampagneninformationen Beispiel: „type“; „display_text“; „display_image_url“
			Corrected address data	**Korrigierte Adressdaten**
Street	ans..50	O	Corrected street of customer	Korrigierte Straße des Kunden
StreetNr	ans..5	O	Corrected street number of customer	Korrigierte Hausnummer des Kunden
Zip	ans..5	O	Corrected postcode of customer	Korrigierte PLZ des Kunden
City	ans..50	O	Corrected town/city of customer	Korrigierter Wohnort des Kunden
Country	a3	O	Customer's corrected country code according to ISO3166 alpha-3	Korrigierter Ländercode des Kunden nach ISO3166 alpha-3
			Response in case of error	**Antwort bei Fehlern**
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText1 enthält die detaillierte Fehlernachricht von BillPay für den Händler. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText2 enthält die detaillierte Fehlernachricht von BillPay für den Käufer. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText3 enthält den detaillierten BillPay-Fehlercode. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.

Result parameters for PayLater via BillPay

Capture & partial capture via socket connection

Captures are possible via a Server-to-Server connection. Additionally the merchant can full or partly activate BillPay reservations and in this way set the date of payment for the customer. If the merchant transfers a new reference number, the reference number of the reservation will be updated and then the invoice is activated. To carry out a Capture via a Server-to-Server connection, please use the following URL:

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

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

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
RefNr	ns..30	M	Unique reference number which appears on your printed card account or in the EPA-file (Electronic Payment Advice). Format must be mutually agreed beforehand with Computop! For EVO Payments International Customers: compulsory field for unique number. The RefNr will be updated, if another RefNr is submitted than for the reservation.
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)
ReqId	ans..32	O	To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action. Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly. **Notice:** Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.
InvoiceNr	ans..30	C	Only for BillPay partial activation: unique invoice number
Delay	n..3	O	Number of days to delay the due date
Article List	ans..768	M	BillPay partial activation only: Customer’s shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross+ articleid;articlequantity;articlename; articledescription;articleprice;articlepricegross+…
Order Desc	ans..768	M	BillPay partial activation only: Customer’s complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross;total price; total price gross DHL Standard;336;400;1390;1654;22307;26546

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
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	M	Unique reference number which appears on your printed card account or in the EPA-file (Electronic Payment Advice). Format must be mutually agreed beforehand with Computop! For EVO Payments International Customers: compulsory field for unique number. The RefNr will be updated, if another RefNr is submitted than for the reservation.	Eindeutige Referenznummer, die auf Ihrer gedruckten Kartenabrechnung oder in der EPA-Datei (Electronic Payment Advice) erscheint. Das Format muss zuvor mit Computop abgestimmt werden! Für Kunden von EVO Payments International: Pflichtfeld für eindeutige Nummer. Die RefNr wird aktualisiert, wenn beim Aufruf eine andere RefNr als bei der Reservierung übergeben wird.

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

Key	Format	CND	Description	Beschreibung
InvoiceNr	ans..30	C	Only for BillPay partial activation: unique invoice number	Nur bei BillPay-Teilaktivierung: eindeutige Rechnungsnummer
Delay	n..3	O	Number of days to delay the due date	Anzahl der Tage, um die das Zahlungsziel verschoben wird
ArticleList	ans..768	M	BillPay partial activation only: Customer's shopping cart with the following article data: - Article no., ans..20 - Quantity, n..7 - Article name, ans..50 - Article description, ans..50 - Article price net in smallest currency unit, n..7 - Article price gross in smallest currency unit, n..7 Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Each article is transferred as a complete article data set: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross+ articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross+…	Nur bei BillPay-Teilaktivierung: Warenkorb des Kunden mit folgenden Artikeldaten: - Artikelnr., ans..20 - Anzahl, n..7 - Artikelname, ans..50 - Artikelbeschreibung, ans..50 - Artikelpreis netto in kleinster Währungseinheit, n..7 - Artikelpreis brutto in kleinster Währungseinheit, n..7 Hinweis zum Aufbau der Artikelliste: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze Jeder Artikel wird als kompletter Artikeldatensatz übergeben: articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross+ articleid;articlequantity;articlename;articledescription;articleprice;articlepricegross+…

OrderDesc	ans..768	M	BillPay partial activation only: Customer's complete shopping cart including order, fees and discount with the following data: - Shipping name (name of shipping method), ans..50 - Shipping costs net in the smallest currency unit, n..7 - Shipping costs gross in the smallest currency unit, n..7 - Net discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Gross discount (incl. all discounts, coupons and other items) in the smallest currency unit, n..7 - Total price net in the smallest currency unit, n..7 - Total price gross in the smallest currency unit, n..7 Note on the structure of the order information: <;> separates the fields of the order information Each order is transferred as a complete article data set. All transferred data is validated wherein the sum of individual items must give the total price. In this case the following must apply: Total price gross=sum(article number x article gross price) + shipping costs gross – discount gross Total price gross=sum(article number x article net price) + shipping costs – discount Example: Shipping name;shipping costs;shipping costs gross;discount;discount gross; total price; total price gross DHL Standard;336;400;1390;1654;22307;26546	Nur bei BillPay-Teilaktivierung: Gesamter Warenkorb des Kunden einschließlich Bestellung, Gebühren und Rabatten mit folgenden Daten: - Versandname (Name der Versandmethode), ans..50 - Versandkosten netto in kleinster Währungseinheit, n..7 - Versandkosten brutto in kleinster Währungseinheit, n..7 - Rabatt netto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Rabatt brutto (incl. aller Rabatte, Coupons und sonstigen Positionen) in kleinster Währungseinheit, n..7 - Gesamtpreis netto in kleinster Währungseinheit, n..7 - Gesamtpreis brutto in kleinster Währungseinheit, n..7 Hinweis zum Aufbau der Bestellinformation: <;> trennt die Felder der Bestellinformation Jede Bestellung wird als kompletter Datensatz übergeben. Alle übergebenen Daten werden validiert, wobei die Summe der Einzelpositionen den Gesamtpreis ergeben muss. Dabei muss gelten: Gesamtpreis brutto=Summe(Artikelanzahl x Artikelbruttopreis) + Versandkosten brutto – Rabatt brutto Gesamtpreis=Summe(Artikelanzahl x Artikelnettopreis) + Versandkosten – Rabatt Beispiel: Versandname;Versandkosten;Versandkosten brutto;Rabatt;Rabatt brutto; Gesamtpreis;Gesamtpreis brutto DHL Standard;336;400;1390;1654;22307;26546

Parameters for the capture of BillPay payments

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

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

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

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please **do not** use the **Description but** the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
RefNr	ns..30	O	Merchant's reference number. In case of updating the RefNr the new RefNr is returned to the merchant.
InvoiceStatus	a..10	M	Status of activation request: Indicates whether reservation has been activated or not. Return values: „Activated“ or „Not Active“
InvoiceNr	ans..30	C	BillPay partial activation only: Unique invoice number for partial activation
			BillPay bank account
BpAccOwner	ans..255	M	Account holder for the receivables (usually “BillPay GmbH”)
IBAN	ans..34	M	BillPay-IBAN for the receivables (can vary per order!)
BIC	an..11	M	BillPay-BIC for the receivables
BpBank	ans..255	M	Name of the bank for the receivables
BpInvoiceRef	ans..255	M	Purpose
BpInvoiceDate	n8	M	Customer's due date
			in case if BillPay hire purchase

BpPaymentPlan	ans..768	M	Instalment plan selected by the buyer with information - RateNr: number of the instalment - RateAmount: instalment amount - DueDate: due date of the instalment <;>separates fields within a data record <+> separates different data records Example: <Rate1>;<RateAmount>;<DueDate>+ <Rate_n>;<RateAmount_n>;<DueDate_n>+ etc.
			BillPay Response in case of error
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.

Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
RefNr	ns..30	O	Merchant’s reference number. In case of updating the RefNr the new RefNr is returned to the merchant.	Referenznummer des Händlers. Im Falle einer Aktualisierung der RefNr bekommt Händler die neue RefNr zurück.
InvoiceStatus	a..10	M	Status of activation request: Indicates whether reservation has been activated or not. Return values: „Activated“ or „Not Active“	Status der Aktivierungsanfrage: zeigt an, ob Reservierung aktiviert wurde oder nicht. Rückgabewerte: „Activated“ oder „Not Active“
InvoiceNr	ans..30	C	BillPay partial activation only: Unique invoice number for partial activation	Nur bei BillPay-Teilaktivierung: Eindeutige Rechnungsnummer für Teilaktivierung
			BillPay bank account	**BillPay Bankverbindung**

BpAcc Owner	ans..255	M	Account holder for the receivables (usually “BillPay GmbH”)	Kontoinhaber für die Forderung (i.d.R. „BillPay GmbH“)
IBAN	ans..34	M	BillPay-IBAN for the receivables (can vary per order!)	BillPay-IBAN für die Forderung (kann pro Bestellung variieren!)
BIC	an..11	M	BillPay-BIC for the receivables	BillPay-BIC für die Forderung
BpBank	ans..255	M	Name of the bank for the receivables	Name der Bank für die Forderung
BpInvo iceRef	ans..255	M	Purpose	Verwendungszweck
BpInvo iceDate	n8	M	Customer's due date	Zahlungsziel des Kunden
			in case if BillPay hire purchase	**bei BillPay-Ratenkauf**
BpPay mentPl an	ans..768	M	Instalment plan selected by the buyer with information - RateNr: number of the instalment - RateAmount: instalment amount - DueDate: due date of the instalment <;>separates fields within a data record <+> separates different data records Example: <Rate1>;<RateAmount>;<DueDate>+ <Rate_n>;<RateAmount_n>;<DueDate_n>+ etc.	Vom Käufer gewählter Ratenplan mit den Angaben - RateNr: Nummer der Rate - RateAmount: Betrag der Rate - DueDate: Fälligkeitsdatum der Rate <;> trennt Felder innerhalb eines Datensatzes <+> trennt unterschiedliche Datensätze Beispiel: <Rate1>;<RateAmount>;<DueDate> + <Rate_n>;<RateAmount_n>;<DueDate_n> +…
			BillPay Response in case of error	**BillPay-Antwort bei Fehlern**
ErrorT ext1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText1 enthält die detaillierte Fehlernachricht von BillPay für den Händler. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorT ext2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText2 enthält die detaillierte Fehlernachricht von BillPay für den Käufer. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorT ext3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText3 enthält den detaillierten BillPay-Fehlercode. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.

Response parameters for the capture of BillPay payments

Reversal of BillPay payments

Reversals are possible via a Server-to-Server connection. BillPay can cancel both reservations and activations wherein there must be differentiation between full and partial cancellations. In order to reverse a BillPay payment, please use the following URL:

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

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

The following table describes the encrypted payment request parameters:

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk, if you want to capture amounts <100 (smallest currency unit).

Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • HMAC Authentication (Request) • HMAC Authentication (Notify)
ReqId	ans..32	O	To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action. Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly. **Notice:** Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.
NetRebate	n..7	O	Value by which the discount is to be increased or reduced (net value). Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate/shRebateGr. Please make separate requests to the Paygate.
GrRebate	n..7	O	Value by which the discount is to be increased or reduced (gross value). Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate/shRebateGr. Please make separate requests to the Paygate.
shRebate	n..7	O	Rebate on net shipping costs. Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate/shRebateGr. Please make separate requests to the Paygate.
shRebateGr	n..7	O	Rebate on gross shipping costs. Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate/shRebateGr. Please make separate requests to the Paygate.
ArticleList	ans..768	O	Article list with data of the articles to be cancelled. The full ArticleList does not need to be transmitted; only the ArticleID (ans..20) and articlequantity (n..7) fields: Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Example: articleid;articlequantity+ articleid;articlequantity+… Notice: This parameter is only used for partial reversals.
Reason	a11	O	Indicates that cancellation refers to articles that have not yet been activated. Only necessary after partial activation. Reason=RESERVATION

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

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

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

Key	Format	CND	Description	Beschreibung

MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: • 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
ReqId	ans..32	O	To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action. Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly. **Notice:** Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.	Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück. Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einem Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet. **Hinweis:** Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.

Key	Format	CND	Description	Beschreibung
NetRebate	n..7	O	Value by which the discount is to be increased or reduced (net value). Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate /shRebateGr. Please make separate requests to the Paygate .	Wert, um den der Rabatt erhöht bzw. reduziert werden soll (Nettowert). Hinweis: Dieser Parameter wird nur im Falle einer Teilstornierung ausgewertet. NetRebate/GrRebate nicht zusammen mit shRebate /shRebateGr verarbeiten. Bitte getrennte Anfragen an das Paygate stellen.
GrRebate	n..7	O	Value by which the discount is to be increased or reduced (gross value). Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate /shRebateGr. Please make separate requests to the Paygate .	Wert, um den der Rabatt erhöht bzw. reduziert werden soll (Bruttowert). Hinweis: Dieser Parameter wird nur im Falle einer Teilstornierung ausgewertet. NetRebate/GrRebate nicht zusammen mit shRebate /shRebateGr verarbeiten. Bitte getrennte Anfragen an das Paygate stellen.
shRebate	n..7	O	Rebate on net shipping costs. Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate /shRebateGr. Please make separate requests to the Paygate .	Reduzierung der Liefergebühren (Nettowert). Hinweis: Dieser Parameter wird nur im Falle einer Teilstornierung ausgewertet. NetRebate/GrRebate nicht zusammen mit shRebate /shRebateGr verarbeiten. Bitte getrennte Anfragen an das Paygate stellen.
shRebateGr	n..7	O	Rebate on gross shipping costs. Notice: This parameter is only used for partial reversals. Do not process NetRebate/GrRebate together with shRebate /shRebateGr. Please make separate requests to the Paygate .	Reduzierung der Liefergebühren (Bruttowert). Hinweis: Dieser Parameter wird nur im Falle einer Teilstornierung ausgewertet. NetRebate/GrRebate nicht zusammen mit shRebate /shRebateGr verarbeiten. Bitte getrennte Anfragen an das Paygate stellen.
ArticleList	ans..768	O	Article list with data of the articles to be cancelled. The full ArticleList does not need to be transmitted; only the ArticleID (ans..20) and articlequantity (n..7) fields: Note on the structure of the article list: <;> separates the fields of an article data set <+> separates the article data sets Example: articleid;articlequantity+ articleid;articlequantity+… Notice: This parameter is only used for partial reversals.	Artikelliste mit Daten der zu stornierenden Artikel. Es muss nicht die komplette ArticleList übergeben werden, sondern nur die Felder ArticleID (ans..20) und articlequantity (n..7): Hinweis zum Aufbau der Artikelliste: <;> trennt die Felder eines Artikeldatensatzes <+> trennt die Artikeldatensätze Beispiel: articleid;articlequantity+ articleid;articlequantity+… Hinweis: Dieser Parameter wird nur bei einer Teilstornierung ausgewertet.
Reason	a11	O	Indicates that cancellation refers to articles that have not yet been activated. Only necessary after partial activation. Reason=RESERVATION	Gibt an, dass sich Stornierung auf noch nicht aktivierte Artikel bezieht. Nur nötig nach Teilaktivierung. Reason=RESERVATION

Parameters for the reversal of BillPay payments

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

pls. be prepared to receive additional parameters at any time and do not check the order of parameters the key (e.g. MerchantId, RefNr) should not be checked case-sentive

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please **do not** use the **Description but** the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
RefNr	ns..30	O	Unique reference number. When updating the reference number the new RefNr is returned to the merchant.
			Response in case of partial reversal for hire purchase
BpConditions List	ans..	C	New calculated data for hire purchase after partial reversal. - Number of monthly instalments “term”, n..7 - Value of shopping cart, “base” n..7 - Gross order value “cart”, n..7 - Financing interest charge “surcharge”, n..7 - Gross total value “total”, n..7 - Monthly charge % “interest”, n..2 - eff. annual interest rate % “anual”, n..4 - BillPay fee “fee”, n..7 All amounts in the smallest currency unit (e.g. EUR Cent) <;> separates fields of a hire purchase data record <+> separates different hire purchase conditions Example: <term>;<base>;<cart>; <surcharge>;<total>;<interest>;<anual>;<fee>+…
BpPaymentPl an	ans..	C	New calculated rate plans for the financing. - RateNr: number of the instalment - RateAmount: instalment amount - DueDate: due date of the instalment <;>separates fields within a data record <+> separates different data records Example: <Rate1>;<RateAmount>;<DueDate>+ <Rate_n>;<RateAmount_n>;<DueDate_n>+ etc. Notice: If partial cancellation is carried out on a purchase by instalment reservation, the new instalment plan will have NO due dates!
			Response in case of error
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.
ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.

Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
RefNr	ns..30	O	Unique reference number. When updating the reference number the new RefNr is returned to the merchant.	Eindeutige Referenznummer. Bei Aktualisierung der Referenznummer erhält der Händler die neue RefNr zurück.
			Response in case of partial reversal for hire purchase	**Antwort bei Teilstornierung bei Ratenkauf**
BpConditionsList	ans..	C	New calculated data for hire purchase after partial reversal. - Number of monthly instalments “term”, n..7 - Value of shopping cart, “base” n..7 - Gross order value “cart”, n..7 - Financing interest charge “surcharge”, n..7 - Gross total value “total”, n..7 - Monthly charge % “interest”, n..2 - eff. annual interest rate % “anual”, n..4 - BillPay fee “fee”, n..7 All amounts in the smallest currency unit (e.g. EUR Cent) <;> separates fields of a hire purchase data record <+> separates different hire purchase conditions Example: <term>;<base>;<cart>; <surcharge>;<total>;<interest>;<anual>;<fee>+…	Neu berechnete Kalkulationsdaten für Ratenkauf bei Teilstornierung. - Anzahl Monatsraten „term“, n..7 - Wert des Warenkorbs „base“, n..7 - Bruttobestellwert „cart“, n..7 - Finanzierungszinsaufschlag „surcharge“, n..7 - Bruttogesamtwert „total“, n..7 - Monatsaufschlag % „interest“, n..2 - eff. Jahreszins % „anual“, n..4 - BillPay-Gebühr „fee“, n..7 Alle Beträge in kleinster Währungseinheit, z.B. EUR Cent. <;> trennt Felder eines Finanzierungsdatensatzes <+> trennt verschiedene Finanzierungskonditionen Beispiel: <term>;<base>;<cart>; <surcharge>;<total>;<interest>;<anual>;<fee>+…
BpPaymentPlan	ans..	C	New calculated rate plans for the financing. - RateNr: number of the instalment - RateAmount: instalment amount - DueDate: due date of the instalment <;>separates fields within a data record <+> separates different data records Example: <Rate1>;<RateAmount>;<DueDate>+ <Rate_n>;<RateAmount_n>;<DueDate_n>+ etc. Notice: If partial cancellation is carried out on a purchase by instalment reservation, the new instalment plan will have NO due dates!	Neu berechnete Ratenpläne der Finanzierung. - RateNr: Nummer der Rate - RateAmount: Betrag der Rate - DueDate: Fälligkeitsdatum der Rate <;> trennt Felder innerhalb eines Datensatzes <+> trennt unterschiedliche Datensätze Beispiel: <Rate1>;<RateAmount>;<DueDate> + <Rate_n>;<RateAmount_n>;<DueDate_n> +… Hinweis: Wird die Teilstornierung auf eine Ratenkauf-Reservierung durchgeführt, so enthält der neue Ratenplan KEINE Fälligkeitsdaten!
			Response in case of error	**Antwort bei Fehlern**
ErrorText1	ans..255	O	ErrorText1 contains the detailed error message from BillPay for the merchant. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText1 enthält die detaillierte Fehlernachricht von BillPay für den Händler. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.
ErrorText2	ans..255	O	ErrorText2 contains the detailed error message from BillPay for the purchaser. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText2 enthält die detaillierte Fehlernachricht von BillPay für den Käufer. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.

ErrorText3	n..6	O	ErrorText3 contains the detailed BillPay error code. Notice: This will be additionally returned to the merchant if it is configured and an error occurs. Use is possible only in agreement with Computop Helpdesk.	ErrorText3 enthält den detaillierten BillPay-Fehlercode. Hinweis: Wird im Fehlerfall zusätzlich an den Händler zurückgegeben, wenn dies entsprechend konfiguriert wurde. Bitte kontaktieren Sie dazu den Computop Helpdesk.

Result parameters for reversals of BillPay payments

Batch processing via the interface

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

This section describes the parameters which must be transferred within the data set (**Record**) for executing a BillPay payment and which information can be found within the response file about the payment status.

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

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

Description of the possible batch versions

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

```
HEAD,<MerchantID>,<Date>,<Version>
BillPay,Capture,<Amount>,<Currency>,<TransID>,(<RefNr>,)<PayID>
BillPay,Reverse,<Amount>,<Currency>,<TransID>,(<RefNr>,)<PayID>
FOOT,<CountRecords>,<SumAmount>
```

Example for Master MID function:

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

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

Key	Format	CND	Description
Type	a..11	M	HEAD for Header, FOOT for Footer, BillPay for BillPay
Action	a..20	M	The parameter Action defines the type of transaction: Capture Reverse (cancellation)
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk, if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
RefNr	ans..30	O	Unique reference number
PayID	an32	M	ID assigned by Paygate for this transaction

Key	Format	CND	Description	Beschreibung

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

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

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

Key	Format	CND	Description	Beschreibung
RefNr	ans..30	O	Unique reference number	Eindeutige Referenznummer

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

Description of fields within the record for Batch files

The record area within the response file for Batch transactions looks the following way:

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

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

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

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

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

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

Description of result parameters within the record for Batch files