

PayByBill

- [About Gothia PayByBill](#)
 - [General information about PayByBill](#)
 - [Process flow charts](#)
- [Paygate interface](#)
 - [Definitions](#)
 - [Data formats](#)
 - [Abbreviations](#)
 - [PayByBill purchase on invoice and hire purchase](#)
 - [Capture](#)
 - [Credit with reference and partial credit](#)
 - [Reversal and Updating](#)
- [Batch processing via the interface](#)

About Gothia PayByBill

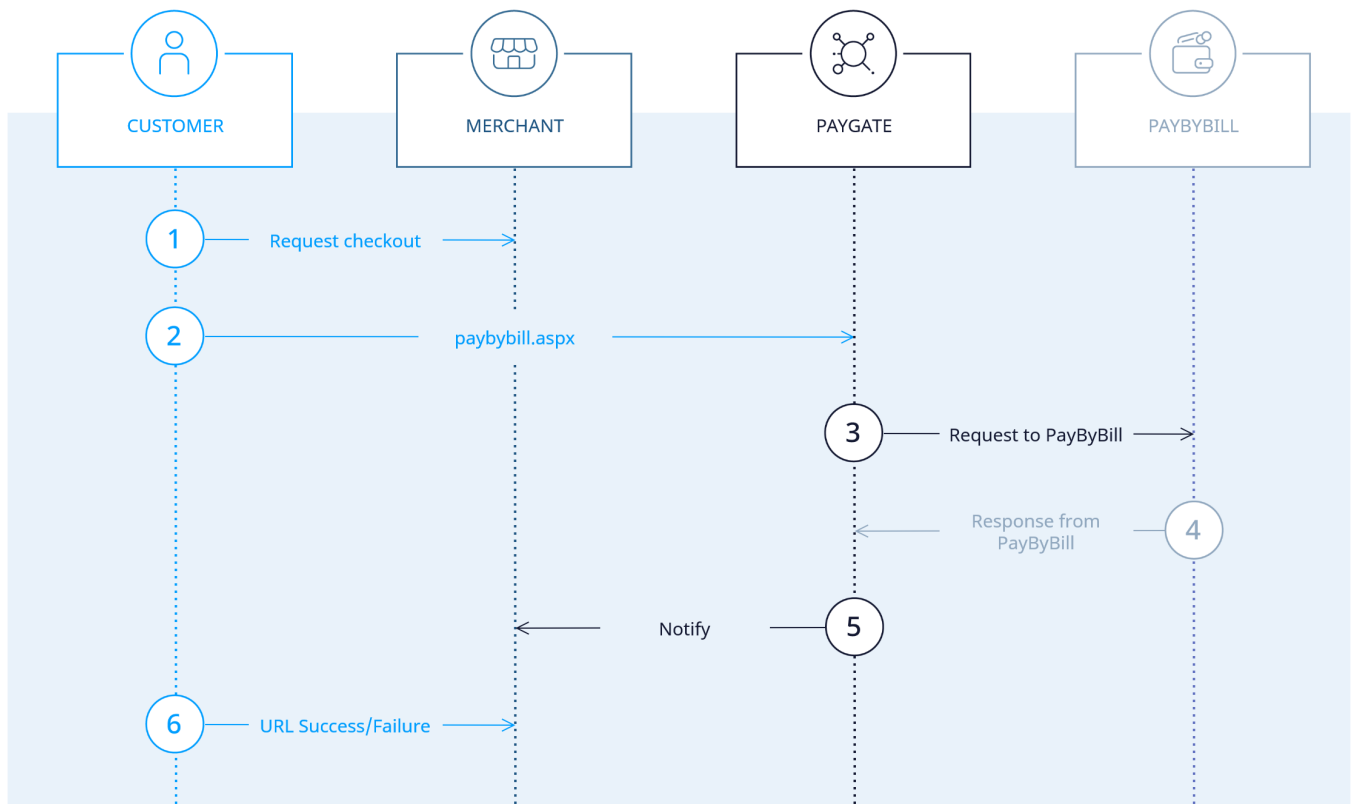
General information about PayByBill

With PayByBill from the Gothia Financial Group you can offer your customers popular methods of payment such as direct debit, purchase on invoice or flexible hire purchase. PayByBill enables merchants to send their own invoice. At the same time merchants will receive payments. PayByBill takes care of the debt collection.

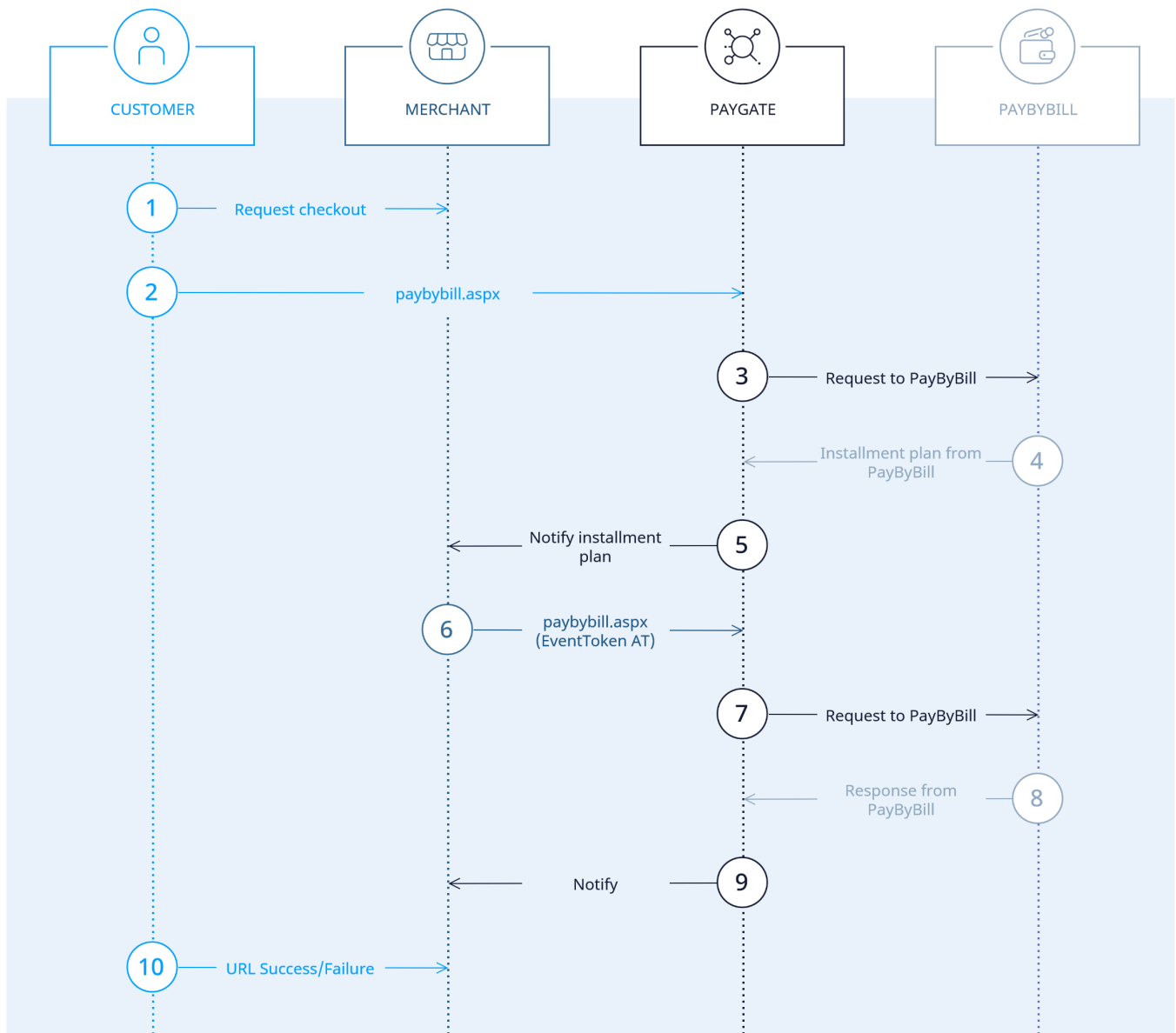
Logo	
Info	PayByBill enables merchants to offer payment methods such as invoice purchasing, financing and direct debit. The solution offers merchants a payment guarantee and is available for Denmark, Germany, Finland, the Netherlands, Norway and Sweden.
Type	Payments by Cash-In / Bill

Further information can be found on the webpage of PayByBill (www.paybybill.com/de).

Process flow charts



Process flow PayByBill



Process flow PayByBill installment payment

Paygate interface

Definitions

Data formats

Format	Description
a	alphabetical
as	alphabetical with special characters
n	numeric
an	alphanumeric
ans	alphanumeric with special characters

ns	numeric with special characters
bool	boolean expression (true or false)
3	fixed length with 3 digits/characters
..3	variable length with maximum 3 digits/characters
enum	enumeration of allowed values
dtm	ISODateTime (YYYY-MM-DDThh:mm:ss)

Abbreviations

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

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

PayByBill purchase on invoice and hire purchase

This chapter describes how to reserve a PayByBill payment. Following successful reservation you can capture PayByBill payments or if necessary credit them. Merchants can also cancel PayByBill reservations.

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

<https://www.computop-paygate.com/paybybill.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.
PayType	ans..16	M	Payment type: "Invoice" or "DirectDebet". "DirectDebet" is permitted in Germany only. In case of hire purchase via Germany only 'DirectDebet' is allowed.
FirstName	ans..30	M	First name of the customer
LastName	ans..30	M	Last name of the customer or company name
AddrStreet	ans..128	M	Customer's street

AddrHouseNr	ans..5	O	Customer's street number
AddrZipCode	ans..15	M	Postcode of the customer
AddrCity	ans..30	M	Customer's place of residence
AddrCountryCode	a2	M	Country code of the customer's residence, 2 characters according to ISO 3166
BirthDate	ans..10	OC	Obligatory if AddrCountryCode=DE: Date of birth in the format YYYY-MM-DD
SocialSecurityNumber	ans..20	OC	Obligatory if AddrCountryCode=DE: Social security number if CompanyOrPerson=P. Register of Companies number if CompanyOrPerson=C. Country-specific formats SE: DDMMYYNNNN NO: DDMMYYNNNNN DK: DDMMYY-NNNN FI: DDMMYY-NNNN NL: DDMMYYYY
Email	ans..100	M	Email address of the customer
Phone	ans..20	O	Customer's phone number
MobileNo	ans..16	O	Customer's mobile telephone number
AccIBAN	n8	OC	Obligatory if PayType=DirectDebet: Identification of the financial institution of the account holder
AccNr	n..11	OC	Obligatory if PayType=DirectDebet: account holder's account number
CustomerID	ans..50	M	Customer number at the merchant
CompanyOrPerson	a1	O	P=Person (standard), C=Company
Salutation	ans..10	O	Salutation – 'Mr', 'Mrs', 'Miss'
Title	ans..20	O	Title, e.g. Dr. or Prof.
DistributionType	ans..8	O	Method of dispatch of the invoice: 'paper' or by 'email'
DistributionBy	ans..8	O	Sender of the printed invoice. 'Company' for Gothia; 'Client' if the merchant is the sender.
			In case of hire purchase
EventToken	a2	M	1. call: "IP" for Instalment Purchase (to request the terms & conditions and AcceptID) 2. call: "AT" for AcceptAccountTermsAndConditions (to confirm the terms & conditions)
Month	n..2	M	Number of instalments
ProductNr	ans..4	O	Account profile number, as configured with Gothia, e.g. '1'
PayID	an32	OC	Obligatory on second call: Paygate ID for the identification of a payment

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
PayType	ans..16	M	Payment type: "Invoice" or "DirectDebet". "DirectDebet" is permitted in Germany only. In case of hire purchase via Germany only 'DirectDebet' is allowed.	Zahlungsart: "Invoice" für Rechnung oder "DirectDebet" für Lastschrift. „DirectDebet“ nur für Deutschland erlaubt. Bei Ratenkauf über Deutschland nur „DirectDebet“ erlaubt.
FirstName	ans..30	M	First name of the customer	Vorname des Kunden
LastName	ans..30	M	Last name of the customer or company name	Nachname des Kunden oder Firmenname
AddrStreet	ans..128	M	Customer's street	Straße des Kunden
AddrHouseNr	ans..5	O	Customer's street number	Hausnummer des Kunden
AddrZipCode	ans..15	M	Postcode of the customer	Postleitzahl des Kunden
AddrCity	ans..30	M	Customer's place of residence	Wohnort des Kunden
AddrCountryCode	a2	M	Country code of the customer's residence, 2 characters according to ISO 3166	Ländercode des Wohnortes, zweistellig gemäß ISO 3166
BirthDate	ans..10	OC	Obligatory if AddrCountryCode=DE: Date of birth in the format YYYY-MM-DD	Pflicht, falls AddrCountryCode=DE: Geburtsdatum im Format JJJJ-MM-TT
SocialSecurityNumber	ans..20	OC	Obligatory if AddrCountryCode=DE: Social security number if CompanyOrPerson=P. Register of Companies number if CompanyOrPerson=C. Country-specific formats SE: DDMMYYNNNN NO: DDMMYYNNNN DK: DDMMYY-NNNN FI: DDMMYY-NNNN NL: DDMMYYYY	Pflicht, falls AddrCountryCode ungleich DE. Sozialversicherungsnummer, falls CompanyOrPerson=P. Handelsregisternummer, falls CompanyOrPerson=C. Länderspezifische Formate SE: DDMMYYNNNN NO: DDMMYYNNNN DK: DDMMYY-NNNN FI: DDMMYY-NNNN NL: DDMMYYYY
Email	ans..100	M	Email address of the customer	E-Mail-Adresse des Kunden
Phone	ans..20	O	Customer's phone number	Telefonnummer des Kunden
MobileNo	ans..16	O	Customer's mobile telephone number	Mobiltelefonnummer des Kunden
AccIBAN	n8	OC	Obligatory if PayType=DirectDebet: Identification of the financial institution of the account holder	Pflicht, falls PayType=DirectDebet: Identifikation des Finanzinstituts des Kontoinhabers
AccNr	n..11	OC	Obligatory if PayType=DirectDebet: account holder's account number	Pflicht, falls PayType=DirectDebet; Kontonummer des Kontoinhabers
CustomerId	ans..50	M	Customer number at the merchant	Kundennummer beim Händler
CompanyOrPerson	a1	O	P=Person (standard), C=Company	P=Person (Standard), C=Company
Salutation	ans..10	O	Salutation – 'Mr', 'Mrs', 'Miss'	Anrede – "Mr", "Mrs", "Miss"
Title	ans..20	O	Title, e.g. Dr. or Prof.	Titel z.B. Dr. oder Prof.
DistributionType	ans..8	O	Method of dispatch of the invoice: 'paper' or by 'email'	Auslieferungsart der Rechnung: „Papier“ oder per „E-Mail“

DistributionBy	ans..8	O	Sender of the printed invoice. 'Company' for Gothia; 'Client' if the merchant is the sender.	Auslieferer der gedruckten Rechnung. „Company“ für Gothia; „Client“, wenn der Händler selbst der Auslieferer ist.
			In case of hire purchase	bei Ratenkauf
EventToken	a2	M	1. call: "IP" for Instalment Purchase (to request the terms & conditions and AcceptID) 2. call: "AT" for AcceptAccountTermsAndConditions (to confirm the terms & conditions)	1. Aufruf: „IP“ für Installment Purchase (zur Anforderung der AGB und AcceptID) 2 Aufruf: „AT“ für AcceptAccountTermsAndConditions (zur Bestätigung der AGB)
Month	n..2	M	Number of instalments	Anzahl der Raten
ProductNr	ans..4	O	Account profile number, as configured with Gothia, e.g. '1'	Account-Profilnummer, wie bei Gothia konfiguriert, z.B. „1“
PayID	an32	OC	Obligatory on second call: Paygate ID for the identification of a payment	bei zweitem Aufruf Pflicht: ID des Paygate zur Identifizierung einer Zahlung

Parameters for payments with PayByBill

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

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

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

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure), AUTHORIZE_REQUEST on first call with EventToken=IP
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
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
CodeExt	n..10	O	Error code from PayByBill, if agreed with Computop Helpdesk
ErrorText	ans..1024	O	Error text from PayByBill, if agreed with Computop Helpdesk
InstallmentData	ans..1024	O	Installment plan InstallmentData=<Month>;<PaymentAmount>; <CapitalBalance>;<Fees>;<Interest>+ <Month>;<PaymentAmount>; ...
TermsAndConditions	ans..1024	O	Terms & conditions for payment by instalment
FirstName	ans..128	O	First name
LastName	ans..128	O	Last name
AddrStreet	ans..255	O	Street and street number in the delivery address
AddrZip	ans..20	O	Postcode in the delivery address
AddrCity	ans..50	O	Town/city in the delivery address
InvoiceText	ans..1024	O	Access data for the instalment payment portal and the minimum instalment amount for the product plus invoice information. Example: InvoiceText=<minimum rate amount>;<Text>;<account number>;<password>;<LogonText>;<OCR number>

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), AUTHORIZE_REQUEST on first call with EventToken=IP	OK (URLSuccess) oder FAILED (URLFailure), AUTHORIZE_REQUEST beim ersten Aufruf mit EventToken=IP

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
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
CodeExt	n..10	O	Error code from PayByBill, if agreed with Computop Helpdesk	Fehlercode von PayByBill, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayByBill, if agreed with Computop Helpdesk	Fehlertext von PayByBill, wenn mit Computop Helpdesk abgesprochen
InstallmentData	ans..1024	O	Installment plan InstallmentData=<Month>;<PaymentAmount>; <CapitalBalance>;<Fees>;<Interest>+ <Month>; <PaymentAmount>; ...	Ratenplan InstallmentData=<Monat>;<Zahlungsbetrag>; <Kapitalbalance>;<Gebühren>;<Zinsen>+ <Monat>; <Zahlungsbetrag>;...
TermsAndConditions	ans..1024	O	Terms & conditions for payment by instalment	AGBs für die Ratenzahlung
FirstName	ans..128	O	First name	Vorname
LastName	ans..128	O	Last name	Nachname
AddrStreet	ans..255	O	Street and street number in the delivery address	Straße und Hausnummer der Lieferadresse
AddrZip	ans..20	O	Postcode in the delivery address	Postleitzahl der Lieferadresse
AddrCity	ans..50	O	Town/city in the delivery address	Ortsname der Lieferadresse

InvoiceText	ans..1024	O	Access data for the instalment payment portal and the minimum instalment amount for the product plus invoice information. Example: InvoiceText=<minimum rate amount>;<Text>;<account number>;<password>;<LogonText>;<OCR number>	Zugangsdaten für das Ratenzahlungsvereinbarungsportal sowie die minimale Ratenhöhe des Produkts, sowie Rechnungsinformationen. Beispiel: InvoiceText=<minimale Ratenhöhe>;<Text>;<Kontonummer>;<Passwort>;<LogonText>;<OCR-Nummer>
-------------	-----------	---	---	---

Result parameters for PayByBill payments

Capture

Captures are possible via a Server-to-Server connection. To settle an invoice / carry out dispatch by PayByBill, please use the following URL:

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

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

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

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by Paygate for the payment to be captured
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk , if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
refnr	ns..30	O	Merchant's unique reference number
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: 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..16	M	unique reference number
ProductNr	ans..4	O	Account profile number, as configured with Gothia, e.g. '1'

Article List	ans..1024	M	Article list with description of items and prices: <Article number> ;<quantity> ;<article description> ;<net price> ;<gross price> ;<VAT> ;<tax rate>; <unit> <;> separates the fields of an article data set <+> separates the article data sets Data type (size): Article number (ans..100) Quantity (n..3) Article description (ans..100) Net amount (n..10) in the smallest currency unit (e.g. EUR Cent) Gross amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT rate (n..2), e.g. 19 for 19% unit (ans..50), e.g. kg for kilogram, or l for litre
BDStreet	ans..100	M	Street name in the invoicing address
BDHouseNr	ans..5	O	Street number in the invoicing address
BDCity	ans..100	M	Town/city in the invoicing address
BDCountryCode	a2	M	Country code for the invoicing address, 2 characters according to ISO 3166
BDZipCode	ans..8	M	Postcode in the invoicing address
DueDate	n8	O	Due date in the format DDMMYYYY
InvoiceDate	n8	O	Invoice date in the format DDMMYYYY:
TxAmount	n..10	O	Tax amount of the entire order in the smallest currency unit (e.g. EUR Cent). Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
NetAmount	n..10	O	Net amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
MAC	an64	M	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..16	M	unique reference number	eindeutige Rechnungsnummer
ProductNr	ans..4	O	Account profile number, as configured with Gothia, e.g. '1'	Rechnungsprofilnummer, wie bei Gothia konfiguriert; z.B. „1“.
ArticleList	ans..1024	M	Article list with description of items and prices: <Article number> ;<quantity> ;<article description> ;<net price> ;<gross price> ;<VAT> ;<tax rate> ;<unit> <> separates the fields of an article data set <+> separates the article data sets Data type (size): Article number (ans..100) Quantity (n..3) Article description (ans..100) Net amount (n..10) in the smallest currency unit (e.g. EUR Cent) Gross amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT rate (n..2), e.g. 19 for 19% unit (ans..50), e.g. kg for kilogram, or l for litre	Artikelliste mit Beschreibung der Waren und Preise: < Artikelnummer >;<Anzahl>;<Artikelbeschreibung>; <Nettopreis>;<Bruttopreis>;<MwSt>;<Steuersatz>;<Maßeinheit> <> trennt Felder innerhalb eines Artikeldatensatzes <+> trennt mehrere Artikeldatensätze Datentyp (Größe): Artikelnummer (ans..100) Anzahl (n..3) Artikelbeschreibung (ans..100) Nettopreis (n..12) in der kleinsten Währungseinheit (z.B. EUR Cent) Bruttopreis (n..12) in der kleinsten Währungseinheit (z.B. EUR Cent) MwSt. (n..12) in der kleinsten Währungseinheit (z.B. EUR Cent) Steuersatz (n..2), z.B. „19“ für 19%) Maßeinheit (ans..50), z.B. st für Stück, kg für Kilogramm oder l für Liter
BDStreet	ans..100	M	Street name in the invoicing address	Straßenname in der Rechnungsadresse
BDHouseNr	ans..5	O	Street number in the invoicing address	Hausnummer in der Rechnungsadresse
BDCity	ans..100	M	Town/city in the invoicing address	Ort in der Rechnungsadresse
BDCountryCode	a2	M	Country code for the invoicing address, 2 characters according to ISO 3166	Ländercode in der Rechnungsadresse, zweistellig gemäß ISO 3166
BDZipCode	ans..8	M	Postcode in the invoicing address	Postleitzahl in der Rechnungsadresse
DueDate	n8	O	Due date in the format DDMMYYYY	Fälligkeitsdatum im Format TTMMJJJJ
InvoiceDate	n8	O	Invoice date in the format DDMMYYYY	Rechnungsdatum im Format TTMMJJJJ
TxAmount	n..10	O	Tax amount of the entire order in the smallest currency unit (e.g. EUR Cent). Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).	Steuerbetrag der gesamten Bestellung in der kleinsten Währungseinheit (z. B. EUR Cent). Bitte wenden Sie sich an den Helpdesk, wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.
NetAmount	n..10	O	Net amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).	Nettobetrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Helpdesk, wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Parameters for PayByBill captures

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

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

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

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
refnr	ns..30	O	Merchant's unique reference number
Reference	ans..16	O	Reference number for PayByBill (OCR number)
DocumentLink	ans..1024	O	Link to PDF document of the invoice
InvoiceText	ans..1024	O	Access data for the instalment payment portal and the minimum instalment amount for the product plus invoice information. Example: InvoiceText=<minimum rate amount>;<Text>;<account number>;<password>;<LogonText>;<OCR number>
File	ans..1024	O	Instalment payment contract as PDF document: Base64 encrypted data string
CodeExt	n..10	O	Error code from PayByBill, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayByBill, if agreed with Computop Helpdesk

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

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

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
Reference	ans..16	O	Reference number for PayByBill (OCR number)	Referenznummer für PayByBill (OCR-Nummer)
DocumentLink	ans..1024	O	Link to PDF document of the invoice	Link zum PDF-Dokument der Rechnung
InvoiceText	ans..1024	O	Access data for the instalment payment portal and the minimum instalment amount for the product plus invoice information. Example: InvoiceText=<minimum rate amount>;<Text>;<account number>;<password>;<LogonText>;<OCR number>	Zugangsdaten für das Ratenzahlungsvereinbarungsportal sowie die minimale Ratenhöhe des Produkts, sowie Rechnungsinformationen. Beispiel: InvoiceText=<minimale Ratenhöhe>;<Text>;<Kontonummer>;<Passwort>;<LogonText>;<OCR-Nummer>
File	ans..1024	O	Instalment payment contract as PDF document: Base64 encrypted data string	Ratenzahlungsvertrag als PDF-Dokument: Base64-codierter Datenstring
CodeText	n..10	O	Error code from PayByBill, if agreed with Computop Helpdesk	Fehlercode von PayByBill, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayByBill, if agreed with Computop Helpdesk	Fehlertext von PayByBill, wenn mit Computop Helpdesk abgesprochen

Result parameters for PayByBill captures

Credit with reference and partial credit

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

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

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

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

Key	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by Paygate for the payment to be credited
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk , if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
refnr	ns..30	O	Merchant's unique reference number
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..16	M	Number of invoice as reference for the refund
Article List	ans..1024	M	Article list with description of items and prices: <Article number> ;<quantity> ;<article description> ;<net price> ;<gross price> ;<VAT> ;<tax rate>; <unit> <;> separates the fields of an article data set <+> separates the article data sets Data type (size): Article number (ans..100) Quantity (n..3) Article description (ans..100) Net amount (n..10) in the smallest currency unit (e.g. EUR Cent) Gross amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT rate (n..2), e.g. 19 for 19% unit (ans..50), e.g. kg for kilogram, or l for litre
TxAmount	n..10	O	Tax amount of the entire order in the smallest currency unit (e.g. EUR Cent). Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
NetAmount	n..10	O	Net amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
-----	--------	-----	-------------	--------------

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 einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet. Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.

Key	Format	CND	Description	Beschreibung
Invoice Nr	ans..16	M	Number of invoice as reference for the refund	Nummer der Rechnung, auf die sich die Gutschrift bezieht
ArticleList	ans..1024	M	Article list with description of items and prices: <Article number> ;<quantity> ;<article description> ;<net price> ;<gross price> ;<VAT> ;<tax rate> ;<unit> <> separates the fields of an article data set <+> separates the article data sets Data type (size): Article number (ans..100) Quantity (n..3) Article description (ans..100) Net amount (n..10) in the smallest currency unit (e.g. EUR Cent) Gross amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT amount (n..10) in the smallest currency unit (e.g. EUR Cent) VAT rate (n..2), e.g. 19 for 19% unit (ans..50), e.g. kg for kilogram, or l for litre	Artikelliste mit Beschreibung der Waren und Preise: < Artikelnummer >;<Anzahl>;<Artikelbeschreibung>; <Nettopreis>; <Bruttopreis>;<MwSt>;<Steuersatz>;<Maßeinheit> <> trennt Felder innerhalb eines Artikeldatensatzes <+> trennt mehrere Artikeldatensätze Datentyp (Größe): Artikelnummer (ans..100) Anzahl (n..3) Artikelbeschreibung (ans..100) Nettopreis (n..12) in der kleinsten Währungseinheit (z.B. EUR Cent) Bruttopreis (n..12) in der kleinsten Währungseinheit (z.B. EUR Cent) MwSt. (n..12) in der kleinsten Währungseinheit (z.B. EUR Cent) Steuersatz (n..2), z.B. „19“ für 19%) Maßeinheit (ans..50), z.B. st für Stück, kg für Kilogramm oder l für Liter
TxAmount	n..10	O	Tax amount of the entire order in the smallest currency unit (e.g. EUR Cent). Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).	Steuerbetrag der gesamten Bestellung in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Helpdesk, wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.
NetAmount	n..10	O	Net amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).	Nettobetrag in der kleinsten Währungseinheit (z.B. EUR Cent). Bitte wenden Sie sich an den Helpdesk, wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Parameters for PayByBill credits

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

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

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

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate

TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
refnr	ns..30	O	Merchant's unique reference number
Reference	ans..16	O	Reference number for PayByBill
CodeExt	n..10	O	Error code from PayByBill, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayByBill, if agreed with Computop Helpdesk

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

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

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

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

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

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

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

Key	Format	CND	Description	Beschreibung
Reference	ans..16	O	Reference number for PayByBill	Referenznummer für PayByBill
CodeExt	n..10	O	Error code from PayByBill, if agreed with Computop Helpdesk	Fehlercode von PayByBill, wenn mit Computop Helpdesk abgesprochen
ErrorText	ans..256	O	Error text from PayByBill, if agreed with Computop Helpdesk	Fehlertext von PayByBill, wenn mit Computop Helpdesk abgesprochen

Result parameters for PayByBill credits

Reversal and Updating

To reverse a payment with PayByBill, 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 to be reversed
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the Computop Helpdesk , if you want to capture amounts <100 (smallest currency unit).
Currency	a3	M	Currency, three digits DIN / ISO 4217, e.g. EUR, USD, GBP. Please find an overview here: A1 Currency table
refnr	ns..30	O	Merchant's unique reference number
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: 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.

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

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

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

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

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

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 einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet. Hinweis: Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.

Parameters for reversals of PayByBill 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-sensitive

Key	Format	CND	Description
mid	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)
refnr	ns..30	O	Merchant's unique reference number
CodeExt	n..10	O	Error code from PayByBill, if agreed with Computop Helpdesk
ErrorText	ans..256	O	Error text from PayByBill, if agreed with Computop Helpdesk

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

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

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

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

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

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

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

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

Result parameters for PayByBill reversals

Batch processing via the interface

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

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

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

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

Description of the possible batch versions

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

```
HEAD,<MerchantID>,<Date>,<Version>
PayByBill,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, PayByBill for PayByBill
Action	a..20	M	The parameter Action defines the type of transaction: 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	ns..30	O	Merchant's unique reference number
PayID	an32	M	ID assigned by Paygate for this transaction

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

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

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

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

Key	Format	CND	Description	Beschreibung
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>
PayByBill,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: Reverse (cancellation)
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