

Debtor Management Ideal

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About Debtor Management Ideal

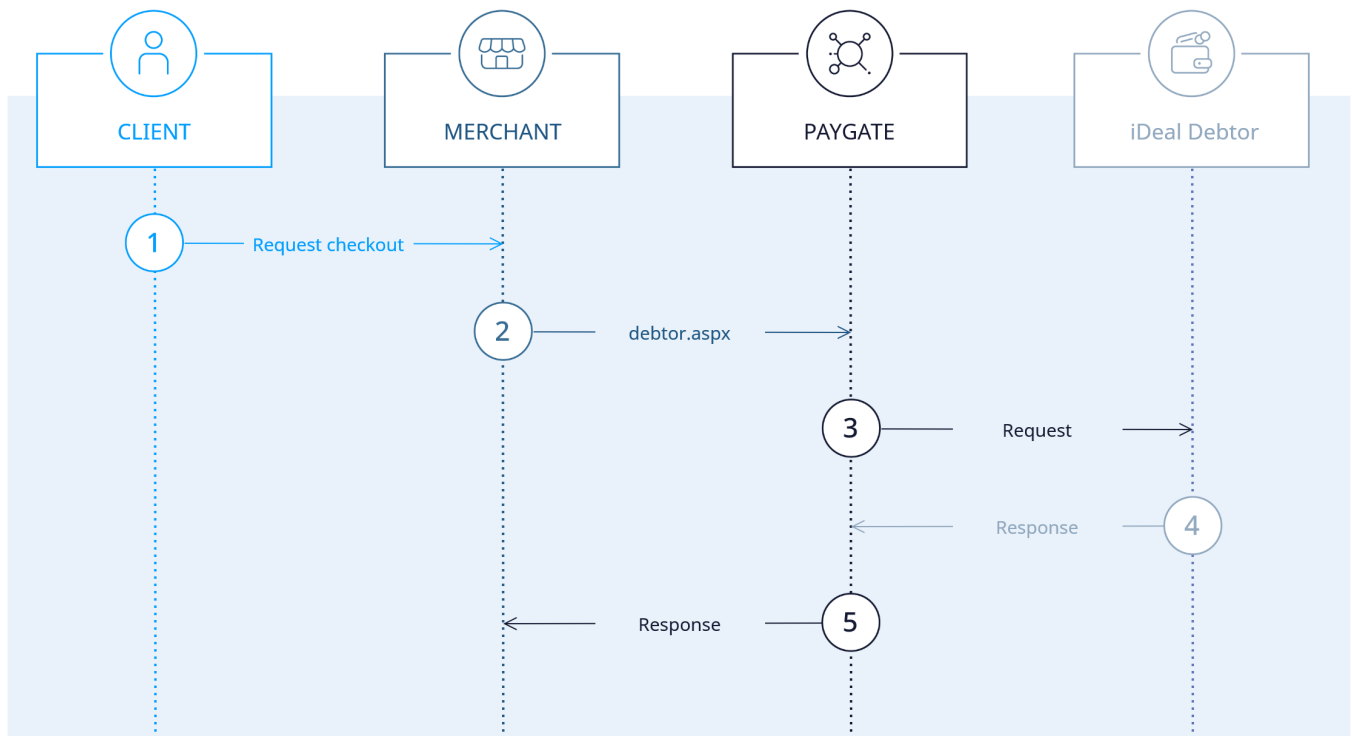
General information about Debtor Management Ideal

Computop offers together with a partner/third party service provider a complete debtor management system to merchants. Via Computop merchants can maintain debtor accounts and provide information about payment status of all payment methods to the service provider to ensure account checking and traceability.

Logo	
Info	The Paygate offers individually scalable solutions for financial and debtor accountings – including the downstream processes such as logistics, dunnings or debt collection.
Type	Debtors Management

Further information can be found on the webpage of Ideal Debtor Management (<https://www.ideal-fullservice.de/ideal-accounting.html>).

Process flow chart



Ideal debtor management process flow

Paygate interface

Definitions

Data formats

Format	Description
a	alphabetical
as	alphabetical with special characters
n	numeric
an	alphanumeric
ans	alphanumeric with special characters
ns	numeric with special characters
bool	boolean expression (true or false)
3	fixed length with 3 digits/characters
..3	variable length with maximum 3 digits/characters
enum	enumeration of allowed values
dtm	ISODateTime (YYYY-MM-DDThh:mm:ss)

Abbreviations

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

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

Create debtors

To create a debtor via a Server-to-Server connection, please use the following URL:

<https://www.computop-paygate.com/debtor.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..20	M	TransactionID provided by you which should be unique for each payment
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)
EventToken	a2	M	Abbreviation of the action to be done: <MD> for ManageDebtor
			Master data
Salutation	ans..9	O	Salutation
FirstName	ans..50	M	First name of the customer
LastName	ans..50	M	Last name of the customer
AddrStreet	ans..45	M	Street name
AddrStreetNr	ans..5	O	Street number
AddrAddition	ans..50	O	Address c/o
AddrZip	ans..10	O	Postcode
AddrCity	ans..45	O	City
AddrCountryCode	a2	O	Two characters country code according to ISO 3166
TaxID	ans1	M	value added tax key / tax area
DebtorID	ans..10	M	debtor number
Custgroup	ans..4	O	Customer group
AccOwner	ans..30	O	Account holder
AccBank	ans..40	O	Name of the bank
BIC	ans..11	O	BIC
IBAN	ans..34	O	IBAN

Email	ans..50	O	E-mail address
Phone	ans..20	O	Telephone number
CustomerID	n..10	M	Customer number

Key	Format	CND	Description	Beschreibung
TransID	ans..20	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
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
EventToken	a2	M	Abbreviation of the action to be done: <MD> for ManageDebtor	Abkürzung der auszuführenden Aktion: <MD> für ManageDebtor
			Master data	Stammdaten
Salutation	ans..9	O	Salutation	Anrede
FirstName	ans..50	M	First name of the customer	Vorname des Kunden
LastName	ans..50	M	Last name of the customer	Nachname des Kunden
AddrStreet	ans..45	M	Street name	Straßenname
AddrStreetNr	ans..5	O	Street number	Hausnummer
AddrAddition	ans..50	O	Address c/o	Adresszusatz
AddrZip	ans..10	O	Postcode	Postleitzahl
AddrCity	ans..45	O	City	Ort
AddrCountryCode	a2	O	Two characters country code according to ISO 3166	Ländercode zweistellig gemäß ISO 3166
TaxID	ans1	M	value added tax key / tax area	USt.-Schlüssel/Steuergebiet
DebtorID	ans..10	M	debtor number	Debitorennummer
Custgroup	ans..4	O	Customer group	Kundengruppe
AccOwner	ans..30	O	Account holder	Kontoinhaber
AccBank	ans..40	O	Name of the bank	Name der Bank
BIC	ans..11	O	BIC	BIC
IBAN	ans..34	O	IBAN	IBAN
Email	ans..50	O	E-mail address	E-Mail-Adresse
Phone	ans..20	O	Telephone number	Telefonnummer
CustomerID	n..10	M	Customer number	Kundennummer

Parameters for creating debtors

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..20	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

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

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

Key	Format	CND	Description	Beschreibung
TransID	ans..20	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

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

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

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

Response parameters for creating debtors

Create transaction

With reference to already created debtors you can create transactions and prepayments and reverse them if necessary.

To create a transaction, please use the following URL:

<https://www.computop-paygate.com/debtor.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..20	M	TransactionID provided by you which should be unique for each payment
RefNr	ns..30	M	Reference to payment, e.g. invoice number, can be same as document number (OP-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)
AmountClassification	ans..1024	M	Assignment of net amounts (max. 11 digits in smallest currency unit) of a tax code (3 digits) to proceed codes (max. 10 digits) separated by ",". Further assignments are separated by "+". Example: 4500000000;2235;101+4400000000;1595;002 Proceed code 4500000000; Amount 22,35€; tax code 101
EventToken	a2	M	Abbreviation of the action to be done: <OC> for Open Position Create
PayType	ans..3	M	<CC>= credit card <EDD>= direct debit (ELV) <SO>= directEbanking <PP>= PayPal <GP>= Giropay <PD>= PayDirekt <SK>= cheque <BP>= BillPay <COD>= cash on delivery <RG>= Invoice <PRP>= Prepayment
DebitorID	ans..10	M	debtor number
CustomerID	n..10	M	Customer number
ShopID	ans..4	M	accounting area, e.g. 01 for shop A – will be assigned for each client
PayTerm	ans..3	O	payment term
InvoiceDate	n6	O	Invoice date in the format DDMMYY: OP_Valuta date, if invoice is due at a later time
NetAmount	n..11	M	Net amount in own currency
TaxCode1	n..3	M	Tax code 1: 101 for 19% domestic tax
NetAmount1	n..11	M	Net amount for tax code 1
TaxAmount1	n..11	M	Tax amount for tax code 1
TaxCode2	n..3	M	Tax code 2: 002 for 7% domestic tax
NetAmount2	n..11	M	Net amount for tax code 2
TaxAmount2	n..11	M	Tax amount for tax code 2
TaxCode3	n..3	M	Tax code 3: 000 for 0% domestic tax
NetAmount3	n..11	M	Net amount for tax code 3
TaxAmount3	n..11	M	Tax amount for tax code 3

Key	Format	CND	Description	Beschreibung
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TransID	ans..20	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss
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Key	Format	CND	Description	Beschreibung
RefNr	ns..30	M	Reference to payment, e.g. invoice number, can be same as document number (OP-number)	Referenz zur Zahlung, z.B. Rechnungsnummer, kann mit Belegnummer identisch sein (OP-Nummer)

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
AmountClass	ans..1024	M	Assignment of net amounts (max. 11 digits in smallest currency unit) of a tax code (3 digits) to proceed codes (max. 10 digits) separated by ",". Further assignments are separated by "+". Example: 4500000000;2235;101+4400000000;1595;002 Proceed code 4500000000; Amount 22,35€; tax code 101	Zuordnung der Nettobeträge (maximal 11stellig in kleinster Währungseinheit) eines Steuercodes (3stellig) zu den Erlöscodes (maximal 10stellig) mit „,"" als Trennzeichen. Weitere Zuordnungen werden mit „+“ getrennt. Beispiel: 4500000000;2235;101+4400000000;1595;002 Erlöscode 4500000000; Betrag 22,35€; Steuercode 101
Event Token	a2	M	Abbreviation of the action to be done: <OC> for Open Position Create	Abkürzung der auszuführenden Aktion: <OC> für Open Position Create
PaymentType	ans..3	M	<CC>= credit card <EDD>= direct debit (ELV) <SO>= directEbanking <PP>= PayPal <GP>= Giropay <PD>= PayDirekt <SK>= cheque <BP>= BillPay <COD>= cash on delivery <RG>= Invoice <PRP>= Prepayment	<CC>= Kreditkarte <EDD>= Lastschrift (ELV) <SO>= Sofortüberweisung <PP>= PayPal <GP>= Giropay <PD>= PayDirekt <SK>= Scheck <BP>= BillPay <COD>= Nachnahme (cash on delivery) <RG>= Rechnung <PRP>= Vorkasse
DebtorID	ans..10	M	debtor number	Debitorennummer
CustomerID	n..10	M	Customer number	Kundennummer
ShopID	ans..4	M	accounting area, e.g. 01 for shop A – will be assigned for each client	Buchungskreis, z.B. 01 für Shop-A – wird je Mandant festgelegt
PaymentTerm	ans..3	O	payment term	Zahlungsbedingung
InvoiceDate	n6	O	Invoice date in the format DDMMYY: OP_Valuta date, if invoice is due at a later time	Rechnungsdatum m Format DDMMYY: OP_Valutadatum, wenn Fälligkeit zu einem späteren Zeitpunkt beginnt

NetAmount	n..11	M	Net amount in own currency	Nettobetrag in Eigenwährung
TaxCode1	n..3	M	Tax code 1: 101 for 19% domestic tax	Steuercode-1: 101 für 19% Steuern Inland
NetAmount1	n..11	M	Net amount for tax code 1	Nettobetrag vom Steuercode-1
TaxAmount1	n..11	M	Tax amount for tax code 1	Steuerbetrag vom Steuercode-1
TaxCode2	n..3	M	Tax code 2: 002 for 7% domestic tax	Steuercode-2: 002 für 7% Steuern Inland
NetAmount2	n..11	M	Net amount for tax code 2	Nettobetrag vom Steuercode-2
TaxAmount2	n..11	M	Tax amount for tax code 2	Steuerbetrag vom Steuercode-2
TaxCode3	n..3	M	Tax code 3: 000 for 0% domestic tax	Steuercode-3: 000 für 0% Steuern Inland
NetAmount3	n..11	M	Net amount for tax code 3	Nettobetrag vom Steuercode-3
TaxAmount3	n..11	M	Tax amount for tax code 3	Steuerbetrag vom Steuercode-3

Parameters for creating transactions

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..20	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

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

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

Key	Format	CND	Description	Beschreibung
TransID	ans..20	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

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

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

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

Response parameters for creating transactions

Create payment with prepayment

To create a prepayment, please use the following URL:

<https://www.computop-paygate.com/debtor.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..20	M	TransactionID provided by you which should be unique for each payment
RefNr	ns..30	M	Reference to payment, e.g. invoice number, can be same as document number (OP-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)
EventToken	a2	M	Abbreviation of the action to be done: <AN> for creation <ST> for reversal <ZE> for paid <UP> for Update Data Record
CustomerID	n..10	M	Customer number
ShopID	ans..4	O	accounting area, e.g. 01 for shop A – will be assigned for each client
ShoppingBasketID	n..18	M	ID of shopping cart
CreationDate	dtm8	M	Creation date of shopping cart in the format YYYYMMDD
DueDate	dtm8	M	Expiration date in the format YYYYMMDD
PayType	ans..3	M	<PRP> = prepayment

Key	Format	CND	Description	Beschreibung
TransID	ans..20	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	Reference to payment, e.g. invoice number, can be same as document number (OP-number)	Referenz zur Zahlung, z.B. Rechnungsnummer, kann mit Belegnummer identisch sein (OP-Nummer)

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
EventToken	a2	M	Abbreviation of the action to be done: <AN> for creation <ST> for reversal <ZE> for paid <UP> for Update Data Record	Abkürzung der auszuführenden Aktion: <AN> für Anlage <ST> für Storno <ZE> für Bezahlt <UP> für Update Datensatz
CustomerID	n..10	M	Customer number	Kundennummer
ShopID	ans..4	O	accounting area, e.g. 01 for shop A – will be assigned for each client	Buchungskreis, z.B. 01 für Shop-A – wird je Mandant festgelegt
ShoppingBasket ID	n..18	M	ID of shopping cart	ID des Warenkorbs
CreationDate	dtm8	M	Creation date of shopping cart in the format YYYYMMDD	Erstelldatum des Warenkorbs im Format JJJJMMTT
DueDate	dtm8	M	Expiration date in the format YYYYMMDD	Ablaufdatum im Format JJJJMMTT
PayType	ans..3	M	<PRP> = prepayment	<PRP>= Vorkasse

Parameters for creating prepayments

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..20	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

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

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

Key	Format	CND	Description	Beschreibung
TransID	ans..20	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

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

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

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

Response parameters for creating prepayments

Reverse transaction

To reverse a transaction, please use the following URL:

<https://www.computop-paygate.com/debtor.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
Merchant ID	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..20	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)

EventToken	a2	M	Abbreviation of the action to be done: <OS> for Open Position Sorno
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Key	Format	CND	Description	Beschreibung
PayID	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.	Vom Paygate vergebene ID für die Zahlung; z.B. zur Referenzierung in Batch-Dateien sowie im Capture- oder Credit-Request.

Key	Format	CND	Description	Beschreibung
TransID	ans..20	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
EventToken	a2	M	Abbreviation of the action to be done: <OS> for Open Position Sorno	Abkürzung der auszuführenden Aktion: <OS> für Open Position Sorno

Parameters for reversal of transactions

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..20	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

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

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

Key	Format	CND	Description	Beschreibung
TransID	ans..20	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

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

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

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

Response parameters for reversal of transactions

Credit transaction

To credit a transaction, please use the following URL:

<https://www.computop-paygate.com/debtor.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..20	M	TransactionID provided by you which should be unique for each payment
RefNr	ns..30	M	Reference to payment, e.g. invoice number, can be same as document number (OP-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)
AmountClassification	ans..1024	M	Assignment of net amounts (max. 11 digits in smallest currency unit) of a tax code (3 digits) to proceed codes (max. 10 digits) separated by ";". Further assignments are separated by "+". Example: 4500000000;2235;101+4400000000;1595;002 Proceed code 4500000000; Amount 22,35€; tax code 101

EventToken	a2	M	Abbreviation of the action to be done: <CR> for Credit	
PayType	ans..3	M	<CC>= credit card <EDD>= direct debit (ELV) <SO>= directEbanking <PP>= PayPal <GP>= Giropay <PD>= PayDirekt <SK>= cheque <BP>= BillPay <COD>= cash on delivery <RG>= Invoice <PRP>= Prepayment	
DebitorID	ans..10	M	debtor number	
CustomerID	n..10	M	Customer number	
ShopID	ans..4	M	accounting area, e.g. 01 for shop A – will be assigned for each client	
PayTerm	ans..3	O	payment term	
InvoiceDate	n6	O	Invoice date in the format DDMMYY: OP_Valuta date, if invoice is due at a later time	
NetAmount	n..11	M	Net amount in own currency	
TaxCode1	n..3	M	Tax code 1: 101 for 19% domestic tax	
NetAmount1	n..11	M	Net amount for tax code 1	
TaxAmount1	n..11	M	Tax amount for tax code 1	
TaxCode2	n..3	M	Tax code 2: 002 for 7% domestic tax	
NetAmount2	n..11	M	Net amount for tax code 2	
TaxAmount2	n..11	M	Tax amount for tax code 2	
TaxCode3	n..3	M	Tax code 3: 000 for 0% domestic tax	
NetAmount3	n..11	M	Net amount for tax code 3	
TaxAmount3	n..11	M	Tax amount for tax code 3	

Key	Format	CND	Description	Beschreibung
TransID	ans..20	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	Reference to payment, e.g. invoice number, can be same as document number (OP-number)	Referenz zur Zahlung, z.B. Rechnungsnummer, kann mit Belegnummer identisch sein (OP-Nummer)

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
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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)
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Key	Format	CND	Description	Beschreibung
AmountClass	ans..1024	M	Assignment of net amounts (max. 11 digits in smallest currency unit) of a tax code (3 digits) to proceed codes (max. 10 digits) separated by ",". Further assignments are separated by "+". Example: 4500000000;2235;101+4400000000;1595;002 Proceed code 4500000000; Amount 22,35€; tax code 101	Zuordnung der Nettobeträge (maximal 11stellig in kleinster Währungseinheit) eines Steuercodes (3stellig) zu den Erlöscodes (maximal 10stellig) mit „," als Trennzeichen. Weitere Zuordnungen werden mit „+“ getrennt. Beispiel: 4500000000;2235;101+4400000000;1595;002 Erlöscode 4500000000; Betrag 22,35€; Steuercode 101
EventToken	a2	M	Abbreviation of the action to be done: <CR> for Credit	Abkürzung der auszuführenden Aktion: <CR> für Credit (Gutschrift)
PaymentType	ans..3	M	<CC>= credit card <EDD>= direct debit (ELV) <SO>= directEbanking <PP>= PayPal <GP>= Giropay <PD>= PayDirekt <SK>= cheque <BP>= BillPay <COD>= cash on delivery <RG>= Invoice <PRP>= Prepayment	<CC>= Kreditkarte <EDD>= Lastschrift (ELV) <SO>= Sofortüberweisung <PP>= PayPal <GP>= Giropay <PD>= PayDirekt <SK>= Scheck <BP>= BillPay <COD>= Nachnahme (cash on delivery) <RG>= Rechnung <PRP>= Vorkasse
DebtorID	ans..10	M	debtor number	Debitorennummer
CustomerID	n..10	M	Customer number	Kundennummer
ShopID	ans..4	M	accounting area, e.g. 01 for shop A – will be assigned for each client	Buchungskreis, z.B. 01 für Shop-A – wird je Mandant festgelegt
PaymentTerm	ans..3	O	payment term	Zahlungsbedingung
InvoiceDate	n6	O	Invoice date in the format DDMMYY: OP_Valuta date, if invoice is due at a later time	Rechnungsdatum m Format DDMMYY: OP_Valutadatum, wenn Fälligkeit zu einem späteren Zeitpunkt beginnt
NetAmount	n..11	M	Net amount in own currency	Nettobetrag in Eigenwährung
TaxCode1	n..3	M	Tax code 1: 101 for 19% domestic tax	Steuercode-1: 101 für 19% Steuern Inland
NetAmount1	n..11	M	Net amount for tax code 1	Nettobetrag vom Steuercode-1
TaxAmount1	n..11	M	Tax amount for tax code 1	Steuerbetrag vom Steuercode-1
TaxCode2	n..3	M	Tax code 2: 002 for 7% domestic tax	Steuercode-2: 002 für 7% Steuern Inland
NetAmount2	n..11	M	Net amount for tax code 2	Nettobetrag vom Steuercode-2
TaxAmount2	n..11	M	Tax amount for tax code 2	Steuerbetrag vom Steuercode-2
TaxCode3	n..3	M	Tax code 3: 000 for 0% domestic tax	Steuercode-3: 000 für 0% Steuern Inland
NetAmount3	n..11	M	Net amount for tax code 3	Nettobetrag vom Steuercode-3
TaxAmount3	n..11	M	Tax amount for tax code 3	Steuerbetrag vom Steuercode-3

Parameters for credit of transactions

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..20	M	TransactionID provided by you which should be unique for each payment
Status	a..50	M	OK (URLSuccess) or FAILED (URLFailure)
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes (A4 Error codes)

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

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

Key	Format	CND	Description	Beschreibung
TransID	ans..20	M	TransactionID provided by you which should be unique for each payment	Ihre eigene TransaktionsID, die für jede Zahlung eindeutig sein muss

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

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

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

Response parameters for credit of transactions