

# Enterpay

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## About Enterpay

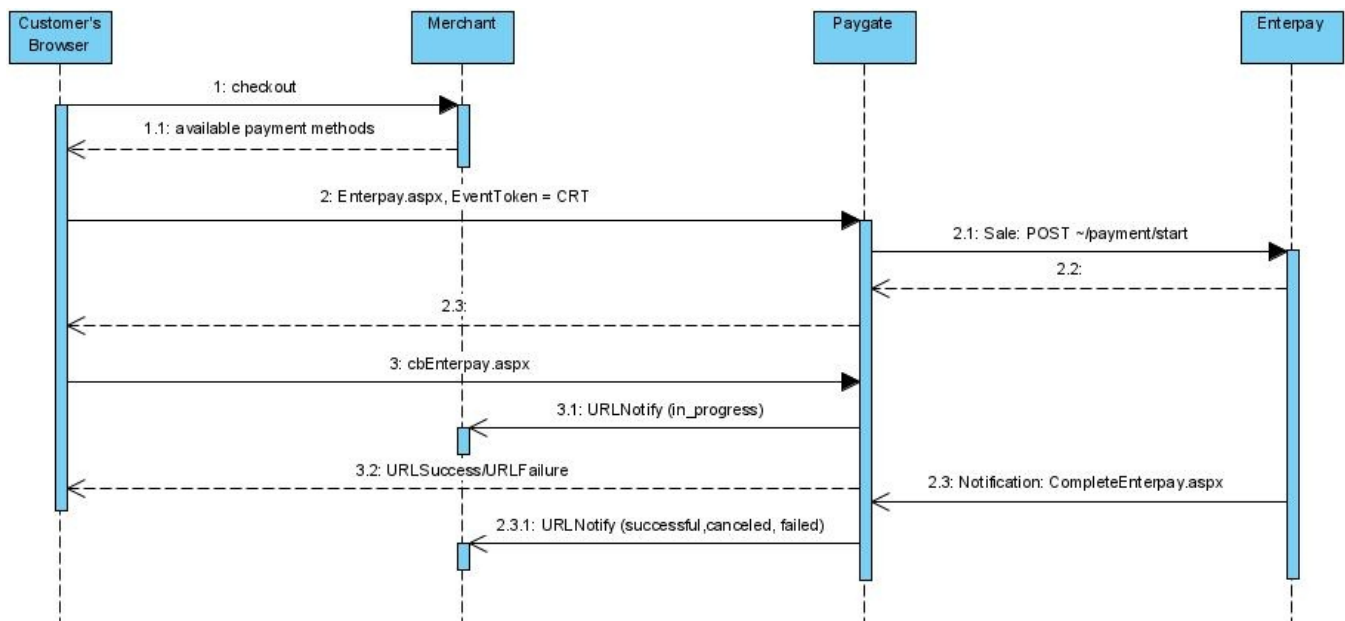
### General information about Enterpay

Logo	
Info	<p>Enterpay is a Finnish fintech startup which has a mission to boost B2B (business-to-business) ecommerce and optimise the payment process for B2B ecommerce by automating the counterparty risk assessment process.</p> <p>Invoice payments are the preferred option in B2B commerce, but these are often handled manually, which makes them time-consuming and potentially risky. As online purchases in the B2B market continue to grow rapidly, B2B buyers expect the same smooth experience that they know from B2C ecommerce. Enterpay has developed a technical solution that is equipped to meet the changing expectations of the B2B customers and allows them to make invoice payments in B2B transactions easily, quickly and securely. Enterpay's payment scheme consists of a platform where all necessary parties can enable automated B2B trade and cooperate seamlessly. Enterpay partners with banks and PSPs so that they can offer purely digital and fully automated invoicing and factoring solution to their B2B merchant customers. The technology automatically carries out the fraud and credit risk assessment and integrates to various ecommerce platforms and payment gateways.</p>
Type	<a href="#">Payments by Invoice and Installments</a>

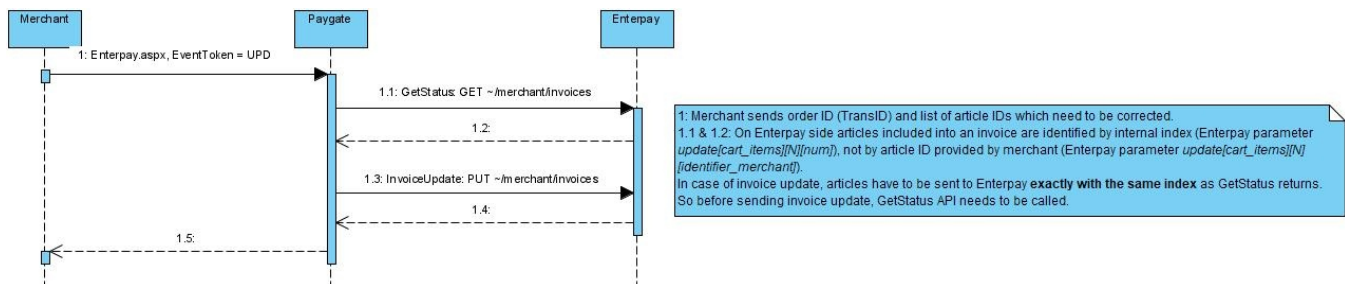
Further information can be found on the webpage of Enterpay (<https://www.enterpay.eu/>).

### Process flow chart

#### Authorization



## UpdateInvoice



## 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)
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## 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.

## Authorization

To create an invoice, please use the following URL:

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

The URL is used for both invoice creation (EventToken=**CRT**) and invoice update (EventToken=**UPD**).

**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
<a href="#">MerchantID</a>	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
<a href="#">TransID</a>	ans..64	M	TransactionID provided by you which should be unique for each payment
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , if you want to capture amounts <100 (smallest currency unit).
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>
EventToken	enum	M	<b>CRT</b> (for invoice creation)
<a href="#">MAC</a>	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>
<a href="#">URLSuccess</a>	ans..256	M	Complete URL which calls up Paygate if payment has been successful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter <a href="#">UserData</a> . <p><b>i Common notes:</b></p> <ul style="list-style-type: none"> <li>We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate</li> <li>However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.</li> </ul>

URLFailure	ans..256	M	<p>Complete URL which calls up Paygate if payment has been unsuccessful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter <a href="#">UserData</a>.</p> <p><b>Common notes:</b></p> <ul style="list-style-type: none"><li>• We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate</li><li>• However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess/URLNotify. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.</li></ul>																		
Response	a7	O	Status response sent by Paygate to <a href="#">URLSuccess</a> and <a href="#">URLFailure</a> , should be encrypted. For this purpose, transmit <a href="#">Response=encrypt</a> parameter.																		
URLNotify	ans..256	M	<p>Complete URL which Paygate calls up in order to notify the shop about the payment result. The URL may be called up only via port 443. It may not contain parameters: Use the <a href="#">UserData</a> parameter instead.</p> <p><b>Common notes:</b></p> <ul style="list-style-type: none"><li>• We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate</li><li>• However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess/URLNotify. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.</li></ul>																		
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.																		
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p><b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>																		
Language	ans..5	O	Language (e.g. "de_DE" as default option)																		
Article List	ans..1024	M	<p>List of articles in the following format.</p> <p>name,unit_price_excluding_tax,quantity,identifier,tax_rate+</p> <p>name,unit_price_excluding_tax,quantity,identifier,tax_rate+</p> <p>...</p> <table><thead><tr><th>Parameter</th><th>CND</th><th>Description</th></tr></thead><tbody><tr><td>name</td><td>M</td><td>The name of the product as displayed on the invoice</td></tr><tr><td>unit_price_excluding_tax</td><td>M</td><td>The cost of this item with tax</td></tr><tr><td>quantity</td><td>M</td><td>The quantity of items on this row</td></tr><tr><td>identifier</td><td>M</td><td>Identifier of the product in the merchant's database</td></tr><tr><td>tax_rate</td><td>M</td><td>The VAT tax rate that applies to this product. e.g. 0.24 means 24%</td></tr></tbody></table>	Parameter	CND	Description	name	M	The name of the product as displayed on the invoice	unit_price_excluding_tax	M	The cost of this item with tax	quantity	M	The quantity of items on this row	identifier	M	Identifier of the product in the merchant's database	tax_rate	M	The VAT tax rate that applies to this product. e.g. 0.24 means 24%
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name	M	The name of the product as displayed on the invoice																			
unit_price_excluding_tax	M	The cost of this item with tax																			
quantity	M	The quantity of items on this row																			
identifier	M	Identifier of the product in the merchant's database																			
tax_rate	M	The VAT tax rate that applies to this product. e.g. 0.24 means 24%																			
Invoice Date	dtm	O	<p>The parameter sets the invoicing date. Parameter can't be in the past.</p> <p>Format: YYYY-MM-DD</p>																		
Invoice Text	ans..100	O	An optional metadata field for the user's convenience																		
			<b>Billing address block is optional. If the block is present, mandatory fields from the block have to be filled.</b>																		
bdStreet	ans..100	M	Street address of user's billing address																		
bdStreet2	ans..100	O	Additional information about street address of user's billing address																		
bdZIP	ans..10	M	Postal code of user's billing address																		
bdCity	ans..100	M	City of user's billing address																		
bdCountryCode	ans..10	O	Country code of user's billing address																		
			<b>Shipping address block is optional. If the block is present, mandatory fields from the block have to be filled.</b>																		

sdStreet	ans..100	M	Street address of user's delivery address
sdStreet2	ans..100	O	Additional information about street address of user's delivery address
sdZIP	ans..10	M	Postal code of user's delivery address
sdCity	ans..100	M	City of user's delivery address
sdCountryCode	ans..10	O	Country code of user's delivery address
			<b>Buyer block is optional and all the fields are optional. It is better to pass the info as it will lead to better user experience. In this case the buyer won't need to fill this information again on Enterpay side.</b>
FirstName	ans..125	O	First name of the buyer
LastName	ans..125	O	Last name of the buyer
Phone	ans..50	O	Phone number of the buyer with country code, e.g. +35812345678
DateOfBirth	dtm	O	Date of birth of the buyer. Format: YYYY-MM-DD
Email	ans..50	O	Email address of the buyer
CompanyName	ans..125	O	Name of the buyer's company
CompanyID	ans..40	O	Business ID of the buyer's company, e.g. 1234567-8
TaxNumber	ans..20	O	European VAT identification number of the buyer's company, e.g. FI12345678
			<b>SubMerchant block is optional and all the fields are optional</b>
StoreName	ans..255	O	Sub Merchant's Organisation name
subMIDAddrStreet	ans..100	O	Street address of sub merchant's billing/delivery address
subMIDAddrStreet2	ans..100	O	Additional information about street address of user's billing/delivery address
subMIDAddrZip	ans..10	O	Postal code of sub merchant's billing/delivery address
subMIDAddrCity	ans..100	O	City of sub merchant's billing/delivery address
subMIDAddrCountryCode	ans..10	O	Country code of sub merchant's billing/delivery address

Key	Format	CND	Description	Beschreibung
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , 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 <a href="#">Computop Helpdesk</a> , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
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Currency	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>	Währung, drei Zeichen DIN / ISO 4217. Nur EUR zulässig. Hier eine Übersicht: <a href="#">A1 Währungstabelle</a>
Event Token	enum	M	CRT (for invoice creation)	CRT (für Rechnung anlegen)

Key	Format	CND	Description	Beschreibung
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> <li><a href="#">HMAC-Authentisierung (Anfrage)</a></li> <li><a href="#">HMAC-Authentisierung (Notify)</a></li> </ul>

Key	Format	CND	Description	Beschreibung
URLSuccess	ans..256	M	Complete URL which calls up Paygate if payment has been successful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter <a href="#">UserData</a> . <p><b>i Common notes:</b></p> <ul style="list-style-type: none"> <li>We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate</li> <li>However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.</li> </ul>	Vollständige URL, die das Paygate aufruft, wenn die Zahlung erfolgreich war. Die URL darf nur über Port 443 aufgerufen werden. Diese URL darf keine Parameter enthalten: Um Parameter durchzureichen nutzen Sie stattdessen den Parameter <a href="#">UserData</a> . <p><b>i Allgemeine Hinweise:</b></p> <ul style="list-style-type: none"> <li>Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten</li> <li>Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden.</li> </ul>

Key	Format	CND	Description	Beschreibung
URLFailure	ans..256	M	Complete URL which calls up Paygate if payment has been unsuccessful. The URL may be called up only via port 443. This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter <a href="#">UserData</a> . <p><b>i Common notes:</b></p> <ul style="list-style-type: none"> <li>We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate</li> <li>However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess/URLNotify. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.</li> </ul>	Vollständige URL, die das Paygate aufruft, wenn die Zahlung gescheitert ist. Die URL darf nur über Port 443 aufgerufen werden. Diese URL darf keine Parameter enthalten: Um Parameter durchzureichen nutzen Sie stattdessen den Parameter <a href="#">UserData</a> . <p><b>i Allgemeine Hinweise:</b></p> <ul style="list-style-type: none"> <li>Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten</li> <li>Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess/URLNotify senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden.</li> </ul>

Key	Format	CND	Description	Beschreibung
Response	a7	O	Status response sent by Paygate to <a href="#">URLSuccess</a> and <a href="#">URLFailure</a> , should be encrypted. For this purpose, transmit <a href="#">Response=encrypt</a> parameter.	Die Status-Rückmeldung, die das Paygate an <a href="#">URLSuccess</a> und <a href="#">URLFailure</a> sendet, sollte verschlüsselt werden. Dazu übergeben Sie den Parameter <a href="#">Response=encrypt</a> .

Key	Format	CND	Description	Beschreibung
URLNotify	ans..256	M	Complete URL which Paygate calls up in order to notify the shop about the payment result. The URL may be called up only via port 443. It may not contain parameters: Use the <a href="#">UserData</a> parameter instead. <p><b>i Common notes:</b></p> <ul style="list-style-type: none"> <li>We recommend to use parameter "response=encrypt" to get an encrypted response by Paygate</li> <li>However, fraudster may just copy the encrypted DATA-element which are sent to URLFailure and send the DATA to URLSuccess/URLNotify. Therefore ensure to check the "code"-value which indicates success/failure of the action. Only a result of "code=00000000" should be considered successful.</li> </ul>	Vollständige URL, die das Paygate aufruft, um den Shop zu benachrichtigen. Die URL darf nur über Port 443 aufgerufen werden. Sie darf keine Parameter enthalten: Nutzen Sie stattdessen den Parameter <a href="#">UserData</a> . <p><b>i Allgemeine Hinweise:</b></p> <ul style="list-style-type: none"> <li>Wir empfehlen, den Parameter "response=encrypt" zu verwenden, um eine verschlüsselte Antwort von Paygate zu erhalten</li> <li>Betrüger könnten das verschlüsselte DATA-Element kopieren, welches an URLFailure gesendet wurde, und betrügerisch dasselbe DATA an URLSuccess/URLNotify senden. Überprüfen Sie daher unbedingt den "code"-Wert des DATA-Elements. Nur eine Antwort mit "code=00000000" sollte als erfolgreich angesehen werden.</li> </ul>

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

Key	Format	CND	Description	Beschreibung
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ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p><b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einem Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p><b>Hinweis:</b> Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>
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Key	Format	CND	Description	Beschreibung																																				
Language	ans..5	O	Language (e.g. "de_DE" as default option)																																					
Article List	ans..1024	M	List of articles in the following format.  name,unit_price_excluding_tax,quantity,identifier,tax_rate+  name,unit_price_excluding_tax,quantity,identifier,tax_rate+  ... <table><thead><tr><th>Parameter</th><th>CND</th><th>Description</th></tr></thead><tbody><tr><td>name</td><td>M</td><td>The name of the product as displayed on the invoice</td></tr><tr><td>unit_price_excluding_tax</td><td>M</td><td>The cost of this item with tax</td></tr><tr><td>quantity</td><td>M</td><td>The quantity of items on this row</td></tr><tr><td>identifier</td><td>M</td><td>Identifier of the product in the merchant's database</td></tr><tr><td>tax_rate</td><td>M</td><td>The VAT tax rate that applies to this product. e.g. 0.24 means 24%</td></tr></tbody></table>	Parameter	CND	Description	name	M	The name of the product as displayed on the invoice	unit_price_excluding_tax	M	The cost of this item with tax	quantity	M	The quantity of items on this row	identifier	M	Identifier of the product in the merchant's database	tax_rate	M	The VAT tax rate that applies to this product. e.g. 0.24 means 24%	Artikelliste im folgenden Format.  name,unit_price_excluding_tax,quantity,identifier,tax_rate+  name,unit_price_excluding_tax,quantity,identifier,tax_rate+  ... <table><thead><tr><th>Parameter</th><th>CND</th><th>Beschreibung</th></tr></thead><tbody><tr><td>name</td><td>M</td><td>Name des Produkts, wie er auf der Rechnung angezeigt wird</td></tr><tr><td>unit_price_excluding_tax</td><td>M</td><td>Kosten dieses Artikels mit Steuern</td></tr><tr><td>quantity</td><td>M</td><td>Menge der Artikel in dieser Zeile</td></tr><tr><td>identifier</td><td>M</td><td>Produktkennung in der Datenbank des Händlers</td></tr><tr><td>tax_rate</td><td>M</td><td>Für dieses Produkt geltender Mehrwertsteuersatz, z.B. 0.24 bedeutet 24%</td></tr></tbody></table>	Parameter	CND	Beschreibung	name	M	Name des Produkts, wie er auf der Rechnung angezeigt wird	unit_price_excluding_tax	M	Kosten dieses Artikels mit Steuern	quantity	M	Menge der Artikel in dieser Zeile	identifier	M	Produktkennung in der Datenbank des Händlers	tax_rate	M	Für dieses Produkt geltender Mehrwertsteuersatz, z.B. 0.24 bedeutet 24%
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tax_rate	M	Für dieses Produkt geltender Mehrwertsteuersatz, z.B. 0.24 bedeutet 24%																																						
InvoiceDate	dtm	O	The parameter sets the invoicing date. Parameter can't be in the past.  Format: YYYY-MM-DD	Der Parameter bestimmt das Rechnungsdatum. Er kann nicht in der Vergangenheit liegen.  Format: JJJJ-MM-TT																																				
InvoiceText	ans..100	O	An optional metadata field for the user's convenience	Ein optionales Metadatenfeld für die Bequemlichkeit des Benutzers																																				
			<b>Billing address block is optional. If the block is present, mandatory fields from the block have to be filled.</b>	<b>Der Block der Rechnungsadresse ist optional. Wenn der Block vorhanden ist, müssen die Pflichtfelder im Block ausgefüllt werden.</b>																																				
bdStreet	ans..100	M	Street address of user's billing address	Straßenadresse der Rechnungsadresse des Benutzers																																				
bdStreet2	ans..100	O	Additional information about street address of user's billing address	Zusätzliche Informationen zur Straßenadresse der Rechnungsadresse des Benutzers																																				
bdZIP	ans..10	M	Postal code of user's billing address	Postleitzahl der Rechnungsadresse des Benutzers																																				
bdCity	ans..100	M	City of user's billing address	Ort der Rechnungsadresse des Benutzers																																				
bdCountryCode	ans..10	O	Country code of user's billing address	Ländercode der Rechnungsadresse des Benutzers																																				
			<b>Shipping address block is optional. If the block is present, mandatory fields from the block have to be filled.</b>	<b>Der Block der Lieferadresse ist optional. Wenn der Block vorhanden ist, müssen die Pflichtfelder im Block ausgefüllt werden.</b>																																				
sdStreet	ans..100	M	Street address of user's delivery address	Straßenadresse der Lieferadresse des Benutzers																																				
sdStreet2	ans..100	O	Additional information about street address of user's delivery address	Zusätzliche Informationen zur Straßenadresse der Lieferadresse des Benutzers																																				

sdZIP	ans..10	M	Postal code of user's delivery address	Postleitzahl der Lieferadresse des Benutzers
sdCity	ans..100	M	City of user's delivery address	Ort der Lieferadresse des Benutzers
sdCountryCode	ans..10	O	Country code of user's delivery address	Ländercode der Lieferadresse des Benutzers
			<b>Buyer block is optional and all the fields are optional. It is better to pass the info as it will lead to better user experience. In this case the buyer won't need to fill this information again on Enterpay side.</b>	<b>Der Käufer-Block ist optional und alle Felder sind optional. Es ist besser, die Informationen weiterzugeben, da dies die Benutzererfahrung verbessert. In diesem Fall muss der Käufer diese Informationen auf der Seite von Enterpay nicht erneut eingeben.</b>
FirstName	ans..125	O	First name of the buyer	Vorname des Käufers
LastName	ans..125	O	Last name of the buyer	Nachname des Käufers
Phone	ans..50	O	Phone number of the buyer with country code, e.g. +35812345678	Telefonnummer des Käufers mit Ländervorwahl, z.B. +35812345678
DateOfBirth	dtm	O	Date of birth of the buyer. Format: YYYY-MM-DD	Geburtsdatum des Käufers. Format: JJJJ-MM-TT
Email	ans..50	O	Email address of the buyer	E-Mail-Adresse des Käufers
CompanyName	ans..125	O	Name of the buyer's company	Unternehmensname des Käufers
CompanyId	ans..40	O	Business ID of the buyer's company, e.g. 1234567-8	Firmen-ID des Unternehmens des Käufers, z.B. 1234567-8
TaxNumber	ans..20	O	European VAT identification number of the buyer's company, e.g. FI12345678	Europäische Umsatzsteuer-Identifikationsnummer des Unternehmens des Käufers, z.B. FI12345678
			<b>SubMerchant block is optional and all the fields are optional</b>	<b>Der SubMerchant-Block ist optional und alle Felder sind optional</b>
StoreName	ans..255	O	Sub Merchant's Organisation name	Name der Organisation des Sub-Händlers
subMIDAddrStreet	ans..100	O	Street address of sub merchant's billing/delivery address	Straßenadresse in der Rechnungs-/Lieferadresse des Sub-Händlers
subMIDAddrStreet2	ans..100	O	Additional information about street address of user's billing/delivery address	Zusätzliche Informationen zur Straßenadresse in der Rechnungs-/Lieferadresse des Sub-Händlers
subMIDAddrZip	ans..10	O	Postal code of sub merchant's billing/delivery address	Postleitzahl der Rechnungs-/Lieferadresse des Sub-Händlers
subMIDAddrCity	ans..100	O	City of sub merchant's billing/delivery address	Ort der Rechnungs-/Lieferadresse des Sub-Händlers
subMIDAddrCountryCode	ans..10	O	Country code of sub merchant's billing/delivery address	Ländercode der Rechnungs-/Lieferadresse des Sub-Händlers

#### Parameters for creating an invoice with Enterpay

The following table gives the result parameters which Computop Paygate transmits to **URLSuccess** or **URLFailure** and **URLNotify**. If you have specified the **Response=encrypt** parameter, the following parameters are sent **Blowfish encrypted** to your system:

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

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

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



TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
refnr	ns..30	O	Merchant's unique reference number
Status	a..30	M	AUTHORIZE_REQUEST or FAILED
Description	ans..1024	M	Further details in the event that payment is rejected. Please <b>do not</b> use the <b>Description</b> but the <a href="#">Code</a> parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
CodeExt	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .

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

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

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

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

Key	Format	CND	Description	Beschreibung
Status	a..30	M	AUTHORIZE_REQUEST or FAILED	AUTHORIZE_REQUEST oder FAILED

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

Key	Format	CND	Description	Beschreibung
Code	an8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )	Fehlercode gemäß Paygate Antwort-Codes ( <a href="#">A4 Fehlercodes</a> )

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	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlercode von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlermeldung von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.

Result parameters for URLNotify, URLSuccess and URLFailure with Enterpay

## Update invoice

Invoice update is possible via Server-to-Server connection.

In order to update an invoice, please use the following URL:

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

The URL is used for both invoice creation (EventToken=**CRT**) and invoice update (EventToken=**UPD**).

Updates of an invoice is possible only for non-active invoices (not captured). In case parameter InvoiceDate is included into UpdateInvoice API call, the call will automatically **activate (capture)** the updated invoice **fully**. So no subsequent Activate (capture) API call for the invoice is required. From Paygate side the authorized transaction is updated and a capture transaction is created. In case parameter InvoiceDate is not included into UpdateInvoice API call, the invoice remains inactive and Activate (capture) API call should be sent explicitly. Only authorized transactions is updated.

Article list should contain **all articles** (also the ones which should not be changed), as the entire list of articles will be replaced with the one which is sent. However, in case only parameter InvoiceDate is sent, only InvoiceDate will be updated.

**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
<a href="#">MerchantID</a>	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
<a href="#">PayID</a>	an32	M	ID assigned by Paygate for the payment, e.g. for referencing in batch files as well as for capture or credit request.
<a href="#">TransID</a>	ans..64	M	TransactionID provided by you which should be unique for each payment
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , if you want to capture amounts <100 (smallest currency unit).
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>
Event Token	enum	M	<b>UPD</b> (for invoice update)
<a href="#">MAC</a>	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"><li><a href="#">HMAC Authentication (Request)</a></li><li><a href="#">HMAC Authentication (Notify)</a></li></ul>
<a href="#">UserData</a>	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
<a href="#">ReqID</a>	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.  <b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.

Article List	ans..1024	M	<div>List of articles in the following format.  name,unit_price_excluding_tax,quantity,identifier,tax_rate+  name,unit_price_excluding_tax,quantity,identifier,tax_rate+  ... <table><thead><tr><th>Parameter</th><th>CND</th><th>Description</th></tr></thead><tbody><tr><td>name</td><td>M</td><td>The name of the product as displayed on the invoice</td></tr><tr><td>unit_price_excluding_tax</td><td>M</td><td>The cost of this item with tax</td></tr><tr><td>quantity</td><td>M</td><td>The quantity of items on this row</td></tr><tr><td>identifier</td><td>M</td><td>Identifier of the product in the merchant's database</td></tr><tr><td>tax_rate</td><td>M</td><td>The VAT tax rate that applies to this product. e.g. 0.24 means 24%</td></tr></tbody></table></div>	Parameter	CND	Description	name	M	The name of the product as displayed on the invoice	unit_price_excluding_tax	M	The cost of this item with tax	quantity	M	The quantity of items on this row	identifier	M	Identifier of the product in the merchant's database	tax_rate	M	The VAT tax rate that applies to this product. e.g. 0.24 means 24%
Parameter	CND	Description																			
name	M	The name of the product as displayed on the invoice																			
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quantity	M	The quantity of items on this row																			
identifier	M	Identifier of the product in the merchant's database																			
tax_rate	M	The VAT tax rate that applies to this product. e.g. 0.24 means 24%																			
InvoiceDate	dtm	O	<div>The parameter sets the invoicing date. Parameter can't be in the past.  Format: YYYY-MM-DD</div>																		

Key	Format	CND	Description	Beschreibung
<a href="#">PayID</a>	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
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , 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 <a href="#">Computop Helpdesk</a> , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>	Währung, drei Zeichen DIN / ISO 4217. Nur EUR zulässig. Hier eine Übersicht: <a href="#">A1 Währungstabelle</a>
Event Token	enum	M	UPD (for invoice update)	UPD (für Rechnung aktualisieren)

Key	Format	CND	Description	Beschreibung
<a href="#">MAC</a>	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> <li><a href="#">HMAC-Authentisierung (Anfrage)</a></li> <li><a href="#">HMAC-Authentisierung (Notify)</a></li> </ul>

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


Key	Format	CND	Description	Beschreibung
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ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p><b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einem Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p><b>Hinweis:</b> Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>
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Key	Format	CND	Description	Beschreibung																																				
Article List	ans..1024	M	List of articles in the following format.	Artikelliste im folgenden Format.																																				
			name,unit_price_excluding_tax,quantity,identifier,tax_rate+ name,unit_price_excluding_tax,quantity,identifier,tax_rate+ ...	name,unit_price_excluding_tax,quantity,identifier,tax_rate+ name,unit_price_excluding_tax,quantity,identifier,tax_rate+ ...																																				
			<table><tr><th>Parameter</th><th>CND</th><th>Description</th></tr><tr><td>name</td><td>M</td><td>The name of the product as displayed on the invoice</td></tr><tr><td>unit_price_excluding_tax</td><td>M</td><td>The cost of this item with tax</td></tr><tr><td>quantity</td><td>M</td><td>The quantity of items on this row</td></tr><tr><td>identifier</td><td>M</td><td>Identifier of the product in the merchant's database</td></tr><tr><td>tax_rate</td><td>M</td><td>The VAT tax rate that applies to this product. e.g. 0.24 means 24%</td></tr></table>	Parameter	CND	Description	name	M	The name of the product as displayed on the invoice	unit_price_excluding_tax	M	The cost of this item with tax	quantity	M	The quantity of items on this row	identifier	M	Identifier of the product in the merchant's database	tax_rate	M	The VAT tax rate that applies to this product. e.g. 0.24 means 24%	<table><tr><th>Parameter</th><th>CND</th><th>Description</th></tr><tr><td>name</td><td>M</td><td>Name des Produkts, wie er auf der Rechnung angezeigt wird</td></tr><tr><td>unit_price_excluding_tax</td><td>M</td><td>Kosten dieses Artikels mit Steuern</td></tr><tr><td>quantity</td><td>M</td><td>Menge der Artikel in dieser Zeile</td></tr><tr><td>identifier</td><td>M</td><td>Produktkennung in der Datenbank des Händlers</td></tr><tr><td>tax_rate</td><td>M</td><td>Für dieses Produkt geltender Mehrwertsteuersatz, z.B. 0.24 bedeutet 24%</td></tr></table>	Parameter	CND	Description	name	M	Name des Produkts, wie er auf der Rechnung angezeigt wird	unit_price_excluding_tax	M	Kosten dieses Artikels mit Steuern	quantity	M	Menge der Artikel in dieser Zeile	identifier	M	Produktkennung in der Datenbank des Händlers	tax_rate	M	Für dieses Produkt geltender Mehrwertsteuersatz, z.B. 0.24 bedeutet 24%
			Parameter	CND	Description																																			
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name	M	Name des Produkts, wie er auf der Rechnung angezeigt wird																																						
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identifier	M	Produktkennung in der Datenbank des Händlers																																						
tax_rate	M	Für dieses Produkt geltender Mehrwertsteuersatz, z.B. 0.24 bedeutet 24%																																						
InvoiceDate	dtm	O	The parameter sets the invoicing date. Parameter can't be in the past.	Der Parameter bestimmt das Rechnungsdatum. Er kann nicht in der Vergangenheit liegen.																																				
			Format: YYYY-MM-DD	Format: JJJJ-MM-TT																																				

Parameters for updating an invoice with Enterpay

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

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

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

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

Key	Format	CND	Description	Beschreibung
<a href="#">PayID</a>	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
<a href="#">XID</a>	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
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Status</a>	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )	OK ( <a href="#">URLSuccess</a> ) oder FAILED ( <a href="#">URLFailure</a> )

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

Key	Format	CND	Description	Beschreibung
<a href="#">Code</a>	an8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )	Fehlercode gemäß Paygate Antwort-Codes ( <a href="#">A4 Fehlercodes</a> )

Key	Format	CND	Description	Beschreibung
<a href="#">UserData</a>	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	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlercode von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlermeldung von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.

Response parameters for updating an invoice with Enterpay

## Full capture

Full capture is possible via a Server-to-Server connection.

To capture an invoice fully, please use the following URL:

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

The URL is used for both full invoice capture (EventToken=**ACF**) and partial invoice capture (EventToken=**ACP**).

**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
<a href="#">MerchantID</a>	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
<a href="#">PayID</a>	an32	M	ID assigned by Paygate for the payment to be captured
<a href="#">TransID</a>	ans..64	M	TransactionID provided by you which should be unique for each payment
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , if you want to capture amounts <100 (smallest currency unit).
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>
Event Token	enum	M	<b>ACF</b> (for full invoice capture)
<a href="#">MAC</a>	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>
<a href="#">ReqID</a>	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.  <b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.
<a href="#">UserData</a>	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.

Key	Format	CND	Description	Beschreibung
<a href="#">PayID</a>	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
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , 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 <a href="#">Computop Helpdesk</a> , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>	Währung, drei Zeichen DIN / ISO 4217. Nur EUR zulässig. Hier eine Übersicht: <a href="#">A1 Währungstabelle</a>
Event Token	enum	M	<b>ACF</b> (for full invoice capture)	<b>ACF</b> (für Komplettbuchung der Rechnung)

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: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> <li><a href="#">HMAC-Authentisierung (Anfrage)</a></li> <li><a href="#">HMAC-Authentisierung (Notify)</a></li> </ul>
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Key	Format	CND	Description	Beschreibung
ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p><b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p><b>Hinweis:</b> Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>

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.

Parameters for full captures of Enterpay 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
refnr	ns..30	O	Merchant's unique reference number
Status	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )
Description	ans..1024	M	Further details in the event that payment is rejected. Please <b>do not</b> use the <b>Description</b> but the <a href="#">Code</a> parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
CodeExt	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .

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
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<a href="#">TransID</a>	ans..64	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Status</a>	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )	OK ( <a href="#">URLSuccess</a> ) oder FAILED ( <a href="#">URLFailure</a> )

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

Key	Format	CND	Description	Beschreibung
<a href="#">Code</a>	an8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )	Fehlercode gemäß Paygate Antwort-Codes ( <a href="#">A4 Fehlercodes</a> )

Key	Format	CND	Description	Beschreibung
<a href="#">UserData</a>	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	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlercode von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlermeldung von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.

Response parameters for full captures of Enterpay payments

## Partial capture

Partial captures are possible via a Server-to-Server connection. In case of partial capture a **new TransID** has to be provided in the request. The **new TransID** will be used for capture of the next invoice.

To capture an invoice partially, please use the following URL:

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

The URL is used for both full invoice capture (EventToken=**ACF**) and partial invoice capture (EventToken=**ACP**).

**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
<a href="#">MerchantID</a>	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
<a href="#">PayID</a>	an32	M	ID assigned by Paygate for the payment to be captured
<a href="#">TransID</a>	ans..64	M	TransactionID provided by you which should be unique for each payment
<a href="#">refnr</a>	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 <a href="#">Computop Helpdesk</a> , if you want to capture amounts <100 (smallest currency unit).									
Currency	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>									
Event Token	enum	M	<b>ACP</b> (for partial invoice capture)									
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"><li><a href="#">HMAC Authentication (Request)</a></li><li><a href="#">HMAC Authentication (Notify)</a></li></ul>									
ReqId	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p><b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>									
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.									
Article List	ans..1024	M	<p>List of articles in the following format.</p> <p>quantity,name+</p> <p>quantity,name+</p> <p>...</p> <table><thead><tr><th>Parameter</th><th>CND</th><th>Description</th></tr></thead><tbody><tr><td>quantity</td><td>M</td><td>The quantity of items on this row</td></tr><tr><td>name</td><td>M</td><td>The name of the product as displayed on the invoice</td></tr></tbody></table>	Parameter	CND	Description	quantity	M	The quantity of items on this row	name	M	The name of the product as displayed on the invoice
Parameter	CND	Description										
quantity	M	The quantity of items on this row										
name	M	The name of the product as displayed on the invoice										

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
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 <a href="#">Computop Helpdesk</a> , 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 <a href="#">Computop Helpdesk</a> , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
Currency	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>	Währung, drei Zeichen DIN / ISO 4217. Nur EUR zulässig. Hier eine Übersicht: <a href="#">A1 Währungstabelle</a>
Event Token	enum	M	<b>ACP</b> (for partial invoice capture)	<b>ACP</b> (für Teilbuchung der Rechnung)

Key	Format	CND	Description	Beschreibung
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> <li><a href="#">HMAC-Authentisierung (Anfrage)</a></li> <li><a href="#">HMAC-Authentisierung (Notify)</a></li> </ul>


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


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															
Article List	ans..1024	M	List of articles in the following format.	Artikelliste im folgenden Format.															
			quantity,name+	quantity,name+															
			quantity,name+	quantity,name+															
			...	...															
			<table><tr><th>Parameter</th><th>CND</th><th>Description</th></tr><tr><td>quantity</td><td>M</td><td>The quantity of items on this row</td></tr><tr><td>name</td><td>M</td><td>The name of the product as displayed on the invoice</td></tr></table>	Parameter	CND	Description	quantity	M	The quantity of items on this row	name	M	The name of the product as displayed on the invoice	<table><tr><th>Parameter</th><th>CND</th><th>Beschreibung</th></tr><tr><td>quantity</td><td>M</td><td>Menge der Artikel in diese Zeile</td></tr><tr><td>name</td><td>M</td><td>Name des Produkts, wie er auf der Rechnung angezeigt wird</td></tr></table>	Parameter	CND	Beschreibung	quantity	M	Menge der Artikel in diese Zeile
Parameter	CND	Description																	
quantity	M	The quantity of items on this row																	
name	M	The name of the product as displayed on the invoice																	
Parameter	CND	Beschreibung																	
quantity	M	Menge der Artikel in diese Zeile																	
name	M	Name des Produkts, wie er auf der Rechnung angezeigt wird																	

Parameters for partial captures of Enterpay 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
refnr	ns..30	O	Merchant's unique reference number
Status	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )
Description	ans..1024	M	Further details in the event that payment is rejected. Please <b>do not</b> use the <b>Description</b> but the <b>Code</b> parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
CodeExt	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .

Key	Format	CND	Description	Beschreibung
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<a href="#">PayID</a>	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.
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Key	Format	CND	Description	Beschreibung
<a href="#">XID</a>	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
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Status</a>	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )	OK ( <a href="#">URLSuccess</a> ) oder FAILED ( <a href="#">URLFailure</a> )

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

Key	Format	CND	Description	Beschreibung
<a href="#">Code</a>	an8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )	Fehlercode gemäß Paygate Antwort-Codes ( <a href="#">A4 Fehlercodes</a> )

Key	Format	CND	Description	Beschreibung
<a href="#">UserData</a>	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	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlercode von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlermeldung von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.

Result parameters for partial captures of Enterpay payments

## Reverse

Reversals are possible via a Server-to-Server connection. Reversal ist possible only for non-active (non-captured) invoice. Only full reversal is allowed. In case an invoice has been activated (captured), a Refund should be used.

In order to reverse (cancel) an invoice, 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
<a href="#">MerchantID</a>	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
<a href="#">PayID</a>	an32	M	ID assigned by Paygate for the payment to be reversed
<a href="#">TransID</a>	ans..64	M	TransactionID provided by you which should be unique for each payment
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , if you want to capture amounts <100 (smallest currency unit).
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>
<a href="#">MAC</a>	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>
<a href="#">ReqID</a>	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.  <b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.
<a href="#">UserData</a>	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.

Key	Format	CND	Description	Beschreibung
<a href="#">PayID</a>	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
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , 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 <a href="#">Computop Helpdesk</a> , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>	Währung, drei Zeichen DIN / ISO 4217. Nur EUR zulässig. Hier eine Übersicht: <a href="#">A1 Währungstabelle</a>

Key	Format	CND	Description	Beschreibung
<a href="#">MAC</a>	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>	Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier: <ul style="list-style-type: none"> <li><a href="#">HMAC-Authentisierung (Anfrage)</a></li> <li><a href="#">HMAC-Authentisierung (Notify)</a></li> </ul>


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

#### Parameters for reversals of Enterpay 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
refnr	ns..30	O	Merchant's unique reference number
Status	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )
Description	ans..1024	M	Further details in the event that payment is rejected. Please <b>do not</b> use the <b>Description</b> but the <a href="#">Code</a> parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
CodeExt	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .

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

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

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

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

Key	Format	CND	Description	Beschreibung
Status	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )	OK ( <a href="#">URLSuccess</a> ) oder FAILED ( <a href="#">URLFailure</a> )

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

Key	Format	CND	Description	Beschreibung
<a href="#">Code</a>	an8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )	Fehlercode gemäß Paygate Antwort-Codes ( <a href="#">A4 Fehlercodes</a> )

Key	Format	CND	Description	Beschreibung
<a href="#">UserData</a>	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	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlercode von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlermeldung von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.

Result parameters for reversals of Enterpay payments

## Credit (refund)

Credits (refunds) are possible via a Server-to-Server connection. Credits is possible only for invoices which have already been activated (captured). Both full and partial credits (multiple credits) are allowed. In case an invoice has not been activated (captured), a Reversal should be used.

To carry out a credit on an invoice, 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
<a href="#">MerchantID</a>	ans..30	M	MerchantID, assigned by Computop. Additionally this parameter has to be passed in plain language too.
<a href="#">PayID</a>	an32	M	ID assigned by Paygate for the payment to be credited
<a href="#">TransID</a>	ans..64	M	TransactionID provided by you which should be unique for each payment
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , if you want to capture amounts <100 (smallest currency unit).
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>
<a href="#">MAC</a>	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here: <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>

ReqId	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p><b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>															
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.															
Article List	ans..1024	M	<p>List of articles in the following format.</p> <p>name,refunding_type,currency,refunded_amount+</p> <p>name,refunding_type,currency,refunded_amount+</p> <p>...</p> <table><thead><tr><th>Parameter</th><th>CND</th><th>Description</th></tr></thead><tbody><tr><td>name</td><td>M</td><td>The name of the product as displayed on the invoice</td></tr><tr><td>refunding_type</td><td>M</td><td><b>amount</b> Constant value</td></tr><tr><td>currency</td><td>M</td><td>Currency</td></tr><tr><td>refunded_amount</td><td>M</td><td>The amount to refund of this purchase item</td></tr></tbody></table>	Parameter	CND	Description	name	M	The name of the product as displayed on the invoice	refunding_type	M	<b>amount</b> Constant value	currency	M	Currency	refunded_amount	M	The amount to refund of this purchase item
Parameter	CND	Description																
name	M	The name of the product as displayed on the invoice																
refunding_type	M	<b>amount</b> Constant value																
currency	M	Currency																
refunded_amount	M	The amount to refund of this purchase item																

Key	Format	CND	Description	Beschreibung
<a href="#">PayID</a>	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
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Amount</a>	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent). Please contact the <a href="#">Computop Helpdesk</a> , 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 <a href="#">Computop Helpdesk</a> , wenn Sie Beträge < 100 (kleinste Währungseinheit) buchen möchten.

Key	Format	CND	Description	Beschreibung
<a href="#">Currency</a>	a3	M	Currency, three digits DIN / ISO 4217. Only EUR permissible. Please find an overview here: <a href="#">A1 Currency table EN</a>	Währung, drei Zeichen DIN / ISO 4217. Nur EUR zulässig. Hier eine Übersicht: <a href="#">A1 Währungstabelle</a>

Key	Format	CND	Description	Beschreibung
<a href="#">MAC</a>	an64	M	<p>Hash Message Authentication Code (HMAC) with SHA-256 algorithm. Details can be found here:</p> <ul style="list-style-type: none"> <li><a href="#">HMAC Authentication (Request)</a></li> <li><a href="#">HMAC Authentication (Notify)</a></li> </ul>	<p>Hash Message Authentication Code (HMAC) mit SHA-256-Algorithmus. Details finden Sie hier:</p> <ul style="list-style-type: none"> <li><a href="#">HMAC-Authentisierung (Anfrage)</a></li> <li><a href="#">HMAC-Authentisierung (Notify)</a></li> </ul>

Key	Format	CND	Description	Beschreibung
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ReqID	ans..32	O	<p>To avoid double payments or actions (e.g. by ETM), enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction or action is submitted again with the same ReqID, Computop Paygate will not carry out the payment or new action, but will just return the status of the original transaction or action.</p> <p>Please note that the Computop Paygate must have a finalized transaction status for the first initial action (authentication /authorisation). This does not apply to 3-D Secure authentications that are terminated by a timeout. The 3-D Secure Timeout status does not count as a completed status in which the ReqID functionality on Paygate does not take effect. Submissions with identical ReqID for an open status will be processed regularly.</p> <p><b>Notice:</b> Please note that a ReqID is only valid for 12 month, then it gets deleted at the Paygate.</p>	<p>Um Doppelzahlungen (z.B. durch ETM) zu vermeiden, übergeben Sie einen alphanumerischen Wert, der Ihre Transaktion oder Aktion identifiziert und nur einmal vergeben werden darf. Falls die Transaktion oder Aktion mit derselben ReqID erneut eingereicht wird, führt das Computop Paygate keine Zahlung oder weitere Aktion aus, sondern gibt nur den Status der ursprünglichen Transaktion oder Aktion zurück.</p> <p>Bitte beachten Sie, dass das Computop Paygate für die erste initiale Aktion (Authentifizierung/Autorisierung) einen abgeschlossenen Transaktionsstatus haben muss. Dies gilt nicht für 3-D Secure Authentifizierungen, die durch einen Timeout beendet werden. Der Status 3-D Secure Timeout gilt nicht als abgeschlossener Status, bei dem ReqID-Funktionalität am Paygate nicht greift. Einreichungen mit identischer ReqID auf einen offenen Status werden regulär verarbeitet.</p> <p><b>Hinweis:</b> Bitte beachten Sie, dass eine ReqID nur 12 Monate gültig ist, danach wird sie vom Paygate gelöscht.</p>
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Key	Format	CND	Description	Beschreibung
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																														
Article List	ans..1024	M	List of articles in the following format.	Artikelliste im folgenden Format.																														
			name,refunding_type,currency,refunded_amount+	name,refunding_type,currency,refunded_amount+																														
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#### Parameters for credits of Enterpay 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

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XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	TransactionID provided by you which should be unique for each payment
refnr	ns..30	O	Merchant's unique reference number
Status	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )
Description	ans..1024	M	Further details in the event that payment is rejected. Please <b>do not</b> use the <b>Description</b> but the <a href="#">Code</a> parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
CodeExt	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .



Key	Format	CND	Description	Beschreibung
<a href="#">PayID</a>	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
<a href="#">XID</a>	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
<a href="#">TransID</a>	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
<a href="#">refnr</a>	ns..30	O	Merchant's unique reference number	Eindeutige Referenznummer des Händlers

Key	Format	CND	Description	Beschreibung
<a href="#">Status</a>	a..50	M	OK ( <a href="#">URLSuccess</a> ) or FAILED ( <a href="#">URLFailure</a> )	OK ( <a href="#">URLSuccess</a> ) oder FAILED ( <a href="#">URLFailure</a> )

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

Key	Format	CND	Description	Beschreibung
<a href="#">Code</a>	an8	M	Error code according to Paygate Response Codes ( <a href="#">A4 Error codes</a> )	Fehlercode gemäß Paygate Antwort-Codes ( <a href="#">A4 Fehlercodes</a> )

Key	Format	CND	Description	Beschreibung
<a href="#">UserData</a>	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	ans..1024	O	Error code from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlercode von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.
ErrorText	ans..1024	O	Error text from Enterpay, if agreed with <a href="#">Computop Helpdesk</a> .	Fehlermeldung von Enterpay, falls mit <a href="#">Computop Helpdesk</a> abgesprochen.

Result parameters for credits of Enterpay payments