



PayU LatAm

Integration Guide

Version 6.2.1

As of: 20.04.2018

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Document history

Date	Name	Change
04.10.2016	Peter Posse	First version based on Paygate Manual 6.10

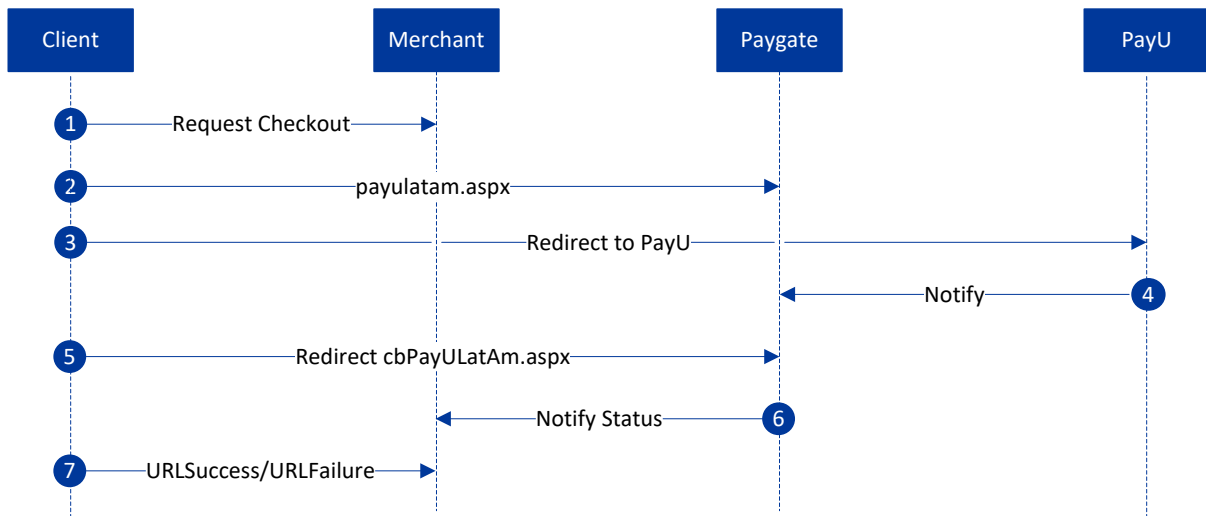
ABOUT PAYU LATAM

General information about payment methods via PayU LatAm

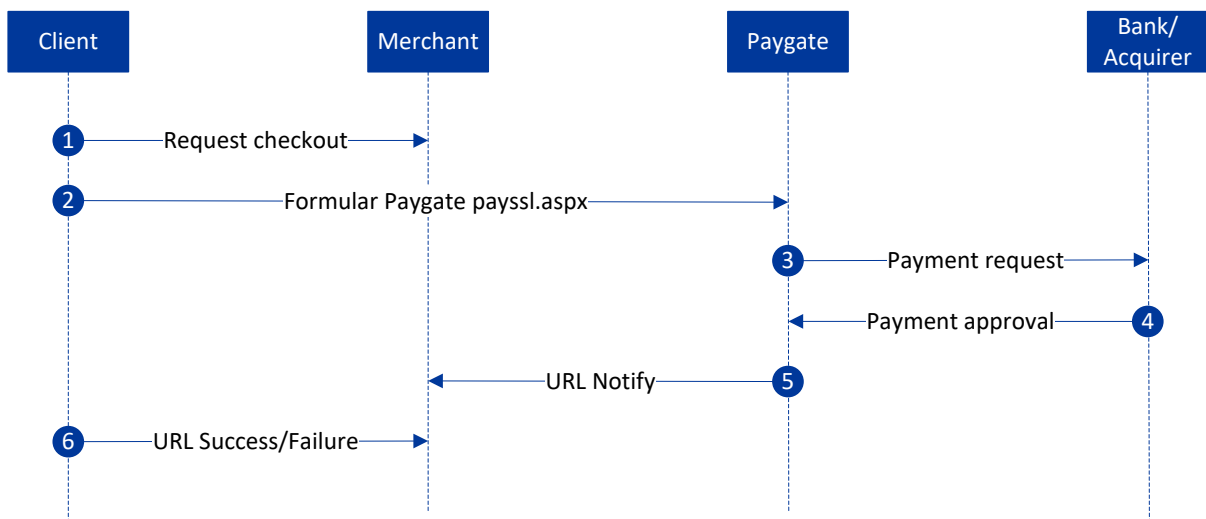


Within the extremely heterogeneous e-commerce market of Latin America success depends on offering the requested payment methods. The integration of PayU gives the merchant access to 74 payment methods from Mexico to Argentina. Besides all major online transfers as well as credit and debit cards PayU also offers payments with modern e-wallets and popular cash-in-payments.

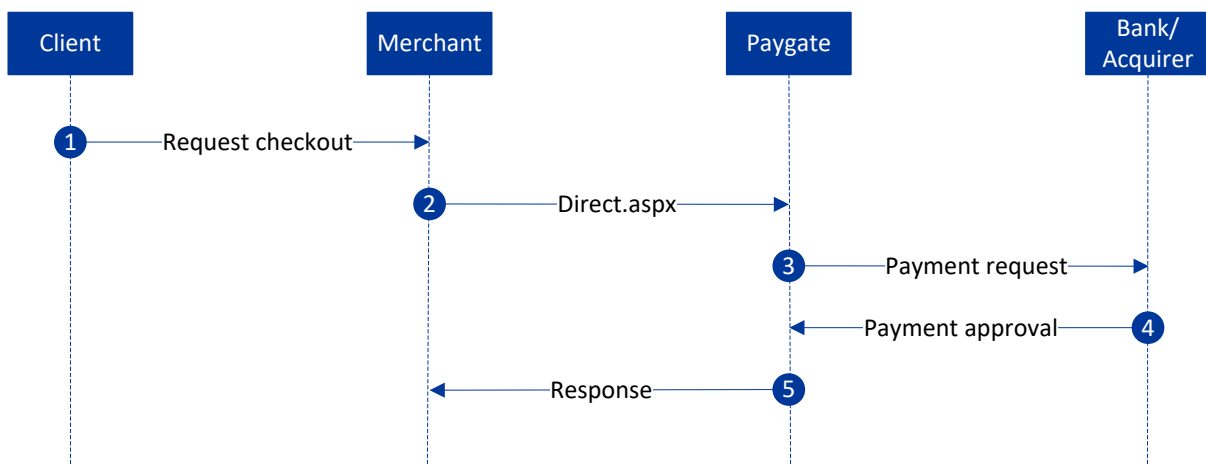
Process flow charts



PayU LatAm process flow



Process flow PayU LatAm via form interface payssl.aspx



Process flow PayU LatAm via server-to-server interface direct.aspx

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-DDDhh:mm:ss)

Abbreviations:

Abbreviation	Description
CND	condition
M	mandatory
O	optional
C	conditional

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

Payment with PayU LatAm via Paygate form interface

To make a payment with PayU LatAm in Latin America, go to the following URL:

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

Notice: For security reasons, 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:

Parameter	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop

TransID	ans..64	M	Merchant transaction number, which must be unique
RefNr	ans..30	M	Unique reference number. Format must be mutually agreed beforehand with Computop!
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a3	M	Currency, three character DIN / ISO 4217; presently only ARS, BRL, CLP, COP, MXN, PEN and USD permitted.
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
URLSuccess	ans..256	M	Complete URL which calls up Paygate if payment has been successful. The URL may be called up only via port 443 This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter UserData .
URLFailure	ans..256	M	Complete URL which calls up Paygate if payment has been unsuccessful. The URL may be called up only via port 443 This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter UserData .
Response	a7	O	Status response sent by Paygate to URLSuccess and URLFailure , should be encrypted. For this purpose, transmit Response=encrypt parameter.
URLNotify	ans..256	M	Complete URL which Paygate calls up in order to notify the shop about the payment result. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead.
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop
ReqID	ans..32	O	To avoid double payments, enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction is submitted again with the same ReqID, Paygate will not carry out the payment, but will just return the status of the original transaction.
OrderDesc	ans..768	M	Description of purchased goods, unit prices etc.
Discount	n..12	O	Discount in the smallest currency unit
Language	a2	O	Language: EN – English (default) ES – Spanish PT – Portuguese
CountryCode	a2	M	Country code of that country where the transaction should be executed - 2 characters according to ISO 3166: AR, BR, CO, CL, MX, PA, PE
TaxCode	n..4	O	VAT rate, e.g. 1900 for 19% Default is 0 (no VAT)
NetAmount	n..12	OC	Total amount of the order without VAT and delivery costs in the smallest currency unit. NetAmount may only be used if also TaxCode is submitted.
Contact data			
Name	ans..128	O	Name of the customer
CreditCardHolder	ans..50	O	Name of the credit card holder
AddrStreet	ans..255	O	Street name in the invoicing address
AddrCity	ans..50	O	Name of town/city in the billing address
AddrZip	ans..20	O	Postcode in the invoicing address
AddrCountryCode	a2	O	Country code for the invoicing address, 2 characters according to ISO 3166
eMail	ans..128	O	Email address of the purchaser
Phone	ans..40	O	Purchaser's telephone number
WorkPhone	ans..40	O	Phone number of the customer at working place

MobileNo	ans..20	O	Mobile phone number of the customer
TaxNumber	ans..20	O	Identification number of the customer. This value will be used in the credit card form.
bdeMail	ans..128	O	Email address of the purchaser
bdPhone	ans..40	O	Phone number of the payor
bdWorkPhone	ans..40	O	Phone number of the payor at working place
bdMobileNo	ans..20	O	Mobile phone number of the payor
sdStreet	ans..255	O	Street in the delivery address
sdCity	ans..50	O	Town/city in the delivery address
sdCountryCode	a2	O	Country code for the delivery address, 2 characters according to ISO 3166

Parameters for payments with PayU LatAm in Latin America

The following table describes the result parameters that the Paygate transmits to your **URLSuccess** or **URLFailure**. If you have specified the **Response=encrypt** parameter, the following parameters are forwarded Blowfish encrypted to your system:

Parameter	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.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	Merchant's transaction number
RefNr	ans..30	O	Merchant's unique reference number
Status	a..30	M	OK, AUTHORIZE_REQUEST or FAILED
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
CodeExt	n..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop

Return parameters for URLSuccess and URLFailure with PayU LatAm in Latin America

The following table gives the results parameters which the Paygate transfers to **URLNotify**:

Parameter	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.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	Merchant's transaction number
RefNr	ans..30	O	Merchant's unique reference number
Status	a..30	M	OK or FAILED

Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
CodeExt	n..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop
AmountAuth	n..12	M	Actually authorized amount in the smallest currency unit. For installment payments the charges are added automatically to the initial amount.
Currency	a3	M	Currency, three digits DIN / ISO 4217
TransactionID	ans..25	O	RefNr from PayU system
PayType	ans..25	O	Name of used payment method

Return parameters for URLNotify with PayU LatAm in Latin America

Credit card payment with PayU LatAm via Paygate form interface

In order to execute an SSL credit card payment in Latin America with PayU LatAm via a Paygate form, visit the following URL:

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

Notice: For security reasons, 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:

Parameter	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop
TransID	ans..64	M	TransactionID which should be unique for each payment
RefNr	ans..30	M	Unique reference number which appears on your printed card account or in the EPA-file (Electronic Payment Advice). Format must be mutually agreed beforehand with Computop!
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a3	M	Currency, three character DIN / ISO 4217; only ARS, BRL, CLP, COP, MXN, PEN and USD permitted
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
OrderDesc	ans..768	M	Description of purchased goods, unit prices etc.
URLSuccess	ans..256	M	Complete URL which calls up Paygate if payment has been successful. The URL may be called up only via port 443 This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter UserData .
URLFailure	ans..256	M	Complete URL which calls up Paygate if payment has been unsuccessful. The URL may be called up only via port 443 This URL may not contain parameters: In order to exchange values between Paygate and shop, please use the parameter UserData .

Response	a7	O	Status response sent by Paygate to URLSuccess and URLFailure , should be encrypted. For this purpose, transmit Response=encrypt parameter.
URLNotify	ans..256	M	Complete URL which Paygate calls up in order to notify the shop about the payment result. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead.
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop
Capture	ans..6	O	Determines the type and time of capture. AUTO : capturing immediately after authorisation (default value). MANUAL : capturing made by the merchant. <Number> : Delay in hours until the capture (whole number; 1 to 696).
ReqID	ans..32	O	To avoid double payments, enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction is submitted again with the same ReqID, Paygate will not carry out the payment, but will just return the status of the original transaction.
InstallmentNumber	n..2	O	Number of months of the payment by instalments (1-12), default=1
Language	a2	O	Language: EN – English (default) ES – Spanish PT – Portuguese
CountryCode	a2	O	Country code of that country where the transaction should be executed - 2 characters according to ISO 3166: AR, BR, CO, CL, MX, PA, PE
TermsAndConditions	a..3	OC	yes or no. Terms and Conditions from PayU, which the customer has to accept. It is only mandatory if a PayU-account which is registered in Brazil is connected with a bank within another country.
Plain	ans..50	O	A value to be set by the merchant to return some information unencrypted, e.g. the MID
Custom	ans..1024	O	The merchant can submit several values separated by which are returned unencrypted and separated by &. Custom=session=123 id=456 will change in the answer to Session=123&id=456
Contact data			
Name	ans..128	OC	Name of the customer. If not specified, the CreditCardHolder must be submitted
CreditCardHolder	ans..128	OC	Name of the credit card holder. If not specified, the Name must be submitted.
Mail	ans..128	O	Email address of the customer
AddrStreet	ans..255	O	Customer's street name
AddrCity	ans..50	O	Town/city of the customer
AddrState	ans..40	O	Federal State of the customer
AddrCountryCode	a2	O	Country code of the customer, 2 characters according to ISO 3166.
eMail	ans..128	O	Email address of the purchaser
AddrZIP	ans..20	O	Postcode of the customer
Phone	ans..40	O	Customer's phone number
CustomerID	ans..16	O	Customer ID or customer number
CustomerClassification	a..8	O	Customer classification (business/private) default=private
TaxNumber	an11/an14	O	Identification number of the customer In Brazil there are two kinds of tax numbers: CPF for persons and CNPJ for companies. The discrimination is made by the parameter CustomerClassification. CPF: 11 characters without separators, e.g. 12312312312

			CNPJ: 14 characters without separators, e.g. 12345678000123
bdeMail	ans..128	O	Email address in the billing address
bdCustomerID	ans..16	O	Customer number in the billing address
bdDateOfBirth	ans10	O	Date of birth in the format YYYY-MM-DD
bdPhone	ans..40	O	Phone number in the billing address
bdTaxNumber	n11	O	Identification number of the payor. This value is used in the credit card form. CPF: 11 characters without separators, e.g. 12312312312
bdStreet	ans..255	O	Street name in the invoicing address
bdAddrAddition	ans..50	O	Address addition in the billing address
bdCity	ans..50	O	Name of town/city in the billing address
bdZip	ans..20	O	Postcode in the invoicing address
bdState	ans..40	O	Federal State in the billing address
bdCountryCode	a2	O	Country code for the invoicing address, 2 characters according to ISO 3166
sdStreet	ans..255	O	Street in the delivery address
sdAddrAddition	ans..50	O	Address addition in the delivery address
sdCity	ans..50	O	Town/city in the delivery address
sdState	ans..40	O	Federal State in the delivery address
sdCountryCode	a2	O	Country code for the delivery address, 2 characters according to ISO 3166
sdZip	ans..20	O	Postcode in the delivery address
sdPhone	ans..40	O	Phone number in the delivery address

Parameters for credit card payments with PayU LatAm in Latin America

To adapt the layout of the SSL-page to your shop you can use the following unencrypted parameters to configure colours, fonts and images.

Parameter	Format	CND	Description
Template	ans..20	M	Name of XSLT-file with your own layout for the pay form. If you want to use the redesigned and downwards compatible Computop template, please transfer the template name "ct_compatible". If you want to use the responsive Computop template for mobile devices, please transfer the template name "ct_responsive".
Background	ans..256	M	Background ambience of form: URL for a background image - HTML-colour value for background colour as HEX value or - HTML-colour name
BGColor	ans..7	M	Form background colour: - HTML-colour value for background colour as HEX value or - HTML-colour name
BGImage	ans..256	M	Form background image: URL for a background image Please note that this value supersedes "BGColor".
FColor	ans..6	M	Text colour: - HTML-colour value as HEX value or - HTML-colour name
FFace	a..10	M	HTML-name for the font
FSize	n2	M	Number for font size

Language	a2 (enum)	M	Language code: <de> German, <al> Albanian, <at> Austrian, <cz/cs> Czech, <dk> Danish, <en> English, <fi> Finnish, <fr> French, <gr> Greek, <hu> Hungarian, <it> Italian, <jp> Japanese, <nl> Dutch, <no> Norwegian, <pl> Polish, <pt> Portuguese, <ro> Romanian, <ru> Russian, <sp> Spanish, <se> Swedish, <sk> Slovakian, <sl> Slovenian, <tr> Turkey, <zh> Simplified Chinese. No details means the language is German.
CCSelect	a..10	M	Determines preselected card type in the form: VISA, MasterCard, AMEX, DINERS, Elo, Hipercard, NARANJA, SHOPPING, CABAL, ARGENCARD, CENCOSUD
URLBack	ans..256	M	URL for "Cancel" button
Center	n1	M	By default the form is centered vertically and horizontally. The value <1> centres the form at the top.
tWidth	ans..4	M	Width of table for input of the credit card data as percent- (50%) or pixel values (320).
tHeight	ans..4	M	Height of table for input of the credit card data as percent- (70%) or pixel values (480).

Layout parameters for Paygate forms for credit card payments with PayU LatAm

The following table describes the result parameters that the Paygate transmits to your **URLSuccess**, **URLFailure** or **URLNotify**. If you have specified the **Response=encrypt** parameter, the following parameters are forwarded Blowfish encrypted to your system:

Parameter	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.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	Merchant's transaction number
Status	a..30	M	OK or FAILED Additionally only for URLNotify: AUTHORIZE_REQUEST
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)
CodeExt	ans..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
RefNr	ans..30	O	Merchant's unique reference number
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
PCNr	n..16	O	Pseudo Card Number: Random number generated by Paygate which represents a genuine credit card number. The pseudo card number (PCN) starts with 0 and the last 3 digits correspond to those of the real card number. You can use the PCN like a genuine card number for authorisation, capture and credits.
CCBrand	a..22	O	In combination with PCNr: Description of the credit card brand like VISA, MasterCard, AMEX, DINERS, Elo, Hipercard, NARANJA, SHOPPING, CABAL, ARGENCARD, CENCOSUD
CCEpiry	n6	O	In combination with PCNr: Expiry date of the credit card in the format YYYYMM.
Plain	ans..50	O	A value to be set by the merchant to return some information unencrypted, e.g. the MID

Custom	ans..1024	O	The merchant can submit several values separated by which are returned un-encrypted and separated by &. Custom=session=123 id=456 will change in the answer to Session=123&id=456
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Return parameters for URLSuccess, URLFailure and URLNotify with PayU LatAm

Credit card payment via Server-to-Server connection

In order to execute an SSL credit card payment with PayU LatAm in Latin America via a server-to-server connection, call the following URL:

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

Notice: For security reasons, 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:

Parameter	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop
TransID	ans..64	M	Merchant's transaction number
RefNr	ans..30	M	Merchant's unique reference number
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a3	M	Currency, three character DIN / ISO 4217; only ARS, BRL, CLO, COP, MXN, PEN and USD permitted
Capture	ans..6	OC	Determines the type and time of capture. AUTO : capturing immediately after authorisation (default value). MANUAL : capturing made by the merchant. <Number> : Delay in hours until the capture (whole number; 1 to 696). Only in Brazil but not with brand Hipercard.
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop
URLNotify	ans..256	O	Complete URL, which calls up Paygate in order to notify the shop about a status change of a credit. The URL can also be stored permanently at Computop. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead.
CCNr	n..19	M	Credit card number at least 12-digit, numerical without spaces. You can optionally transmit also a pseudo card number (PCN)
CCCVC	n..4	O	Card verification number: The last 3 digits on the signature strip of the credit card. 4 characters in the case of AMEX.
CCEpiry	n6	M	Credit card expiry date (YYYYMM), e.g. 201607
CCBrand	a..22	M	Card type: VISA, MasterCard, AMEX, DINERS, Elo, Hipercard, NARANJA, SHOPPING, CABAL, ARGENCARD, CENCOSUD Please note the spelling!
CreditCardHolder	ans..60	O	Name of the card holder
OrderDesc	ans..768	M	Description of purchased goods, unit prices etc.
ReqID	ans..32	O	To avoid double payments, enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction is submitted again



			with the same ReqID, Paygate will not carry out the payment, but will just return the status of the original transaction.
InstallmentNumber	n..2	O	Number of months of the payment by instalments (1-12), default=1
Language	a2	O	Language: EN – English (default) ES – Spanish PT – Portuguese
CountryCode	a2	M	Country code of that country where the transaction should be executed - 2 characters according to ISO 3166: AR, BR, CO, CL, MX, PA, PE
TermsAndConditions	a..3	O	yes or no. Terms and Conditions from PayU, which the customer has to accept. It is only mandatory if a PayU-account which is registered in Brazil is connected with a bank within another country.
Contact data			
Name	ans..128	OC	Name of the customer. If not specified, the CreditCardHolder must be submitted
CreditCardHolder	ans..128	OC	Name of the credit card holder. If not specified, the Name must be submitted.
Mail	ans..128	O	Email address of the customer
AddrStreet	ans..255	O	Customer's street name
AddrCity	ans..50	O	Town/city of the customer
AddrState	ans..40	O	Federal State of the customer
AddrCountryCode	a2	O	Country code of the customer, 2 characters according to ISO 3166.
AddrZIP	ans..20	O	Postcode of the customer
Phone	ans..40	O	Customer's phone number
eMail	ans..128	O	Email address of the customer
CustomerID	ans..16	O	Customer ID or customer number
CustomerClassification	a..8	O	Customer classification (business/private) default=private
TaxNumber	an11/an14	O	Identification number of the customer In Brazil there are two kinds of tax numbers: CPF for persons and CNPJ for companies. The discrimination is made by the parameter CustomerClassification. CPF: 11 characters without separators, e.g. 12312312312 CNPJ: 14 characters without separators, e.g. 12345678000123
bdeMail	ans..128	O	Email address in the billing address
bdCustomerID	ans..16	O	Customer number in the billing address
bdDateOfBirth	ans10	O	Date of birth in the format YYYY-MM-DD
bdPhone	ans..40	O	Phone number in the billing address
bdTaxNumber	n11	O	Identification number of the payor. This value is used in the credit card form. CPF: 11 characters without separators, e.g. 12312312312
bdStreet	ans..255	O	Street name in the invoicing address
bdAddrAddition	ans..50	O	Address addition in the billing address
bdCity	ans..50	O	Name of town/city in the billing address
bdZip	ans..20	O	Postcode in the invoicing address
bdState	ans..40	O	Federal State in the billing address
bdCountryCode	a2	O	Country code for the invoicing address, 2 characters according to ISO 3166



sdStreet	ans..255	O	Street in the delivery address
sdAddrAddition	ans..50	O	Address addition in the delivery address
sdCity	ans..50	O	Town/city in the delivery address
sdState	ans..40	O	Federal State in the delivery address
sdCountryCode	a2	O	Country code for the delivery address, 2 characters according to ISO 3166
sdZip	ans..20	O	Postcode in the delivery address
sdPhone	ans..40	O	Phone number in the delivery address

Parameters for credit card payments with PayU LatAm via socket connection

The following table gives the parameters with which the Paygate responds:

Parameter	Format	CND	Description
MID	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment Important for future reference
XID	an32	M	ID assigned by Paygate for the payment transaction
TransID	ans..64	M	Merchant's transaction number
Status	a..30	M	OK, AUTHORIZE-REQUEST or FAILED
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)
CodeExt	ans..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support
RefNr	ans..30	O	Merchant's unique reference number
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
PCNr	n..16	O	Pseudo Card Number; random number generated by Paygate which represents a genuine credit card number. The pseudo card number (PCN) starts with 0 and the last 3 digits correspond to those of the real card number. You can use the PCN like a genuine card number for authorisation, capture and credits.
CCBrand	a..22	O	In combination with PCNr: Name of credit card brand, e.g. Visa, MasterCard, Amex, DINERS etc.
CCEpiry	n6	O	In combination with PCNr: Expiry date of the credit card in the format YYYYMM.

Results parameters for socket connection with PayU LatAm

Cash payment with PayU in Latin America

In order to execute a CashPayment payment with PayU LatAm in Latin America via a server-to-server connection, call the following URL:

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

Notice: For security reasons, 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:

Parameter	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop
TransID	ans..64	M	Merchant's transaction number
RefNr	ans..30	M	Merchant's unique reference number
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a3	M	Currency, three character DIN / ISO 4217; only ARS, BRL, CLO, COP, MXN, PEN and USD permitted
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
OrderDesc	ans..768	M	Description of purchased goods, unit prices etc.
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop
ReqID	ans..32	O	To avoid double payments, enter an alphanumeric value which identifies your transaction and may be assigned only once. If the transaction is submitted again with the same ReqID , Paygate will not carry out the payment, but will just return the status of the original transaction.
URLNotify	ans..256	O	Complete URL, which calls up Paygate in order to notify the shop about a status change of a credit. The URL can also be stored permanently at Computop. The URL may be called up only via port 443 It may not contain parameters: Use the UserData parameter instead.
IPAddr	ans..15	O	IP address. If you transfer the IP address, Paygate can determine in which country and in which town your customer has connected with the Internet (see also IPZone). Format: 123.456.789.012
Language	a2	O	Language: EN – English (default) ES – Spanish PT – Portuguese
CountryCode	a2	M	Country code of that country where the transaction should be executed - 2 characters according to ISO 3166: AR, BR, CO, CL, MX, PA, PE
TermsAndConditions	a..3	OC	yes or no. Terms and Conditions from PayU, which the customer has to accept. It is mandatory if a PayU-account which is registered in Brazil is connected with a bank within another country.
PayType	a..25	O	Name of used payment method Argentina: PAGOFACIL, RAPIPAGO, COBRO_EXPRESS, BAPRO, RIPSA Brazil: BOLETO_BANCARIO Colombia: BALOTO, EFECTY, PSE Mexico: OXXO, BANCOMER, IXE, SCOTIABANK, SANTANDER, SEVEN_ELEVEN Peru: BCP
Contact data			
Name	ans..128	OC	Mandatory In Brazil: Name of the customer
Mail	ans..128	OC	Mandatory In Brazil: Email address of the customer
AddrStreet	ans..255	OC	Mandatory In Brazil: Customer's street name
AddrCity	ans..50	OC	Mandatory In Brazil: Town/city of the customer
AddrState	ans..40	OC	Mandatory In Brazil: Federal State of the customer
AddrZIP	ans..20	OC	Mandatory In Brazil: Postcode of the customer

AddrCountryCode	a2	O	Country code of the customer, 2 characters according to ISO 3166.
Phone	ans..40	O	Customer's phone number
CustomerID	ans..16	O	Customer ID or customer number
CustomerClassification	a..8	O	Customer classification (business/private) default=private
TaxNumber	ans..20	OC	Mandatory In Brazil: Identification number of the customer In Brazil there are two kinds of tax numbers: CPF for persons and CNPJ for companies. The discrimination is made by the parameter CustomerClassification. CPF: 11 characters without separators, e.g. 12312312312 CNPJ: 14 characters without separators, e.g. 12345678000123
bdEmail	ans..128	O	Email address in the billing address
bdCustomerID	ans..16	O	Customer number in the billing address
bdDateOfBirth	ans10	O	Date of birth in the format YYYY-MM-DD
bdPhone	ans..40	O	Phone number in the billing address
bdTaxNumber	n11	O	Identification number of the payor. This value is used in the credit card form. CPF: 11 characters without separators, e.g. 12312312312
bdStreet	ans..255	O	Street name in the invoicing address
bdAddrAddition	ans..50	O	Address addition in the billing address
bdCity	ans..50	O	Name of town/city in the billing address
bdZip	ans..20	O	Postcode in the invoicing address
bdState	ans..40	O	Federal State in the billing address
bdCountryCode	a2	O	Country code for the invoicing address, 2 characters according to ISO 3166
sdStreet	ans..255	O	Street in the delivery address
sdAddrAddition	ans..50	O	Address addition in the delivery address
sdCity	ans..50	O	Town/city in the delivery address
sdState	ans..40	O	Federal State in the delivery address
sdCountryCode	a2	O	Country code for the delivery address, 2 characters according to ISO 3166
sdZip	ans..20	O	Postcode in the delivery address
sdPhone	ans..40	O	Phone number in the delivery address

Parameters for payments with PayU CashPayment via socket connection

The following table gives the parameters with which the Paygate responds:

Parameter	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.
XID	an32	M	ID assigned by Paygate for the payment transaction
TransID	ans..64	M	Merchant's transaction number
Status	a..30	M	OK, AUTHORIZE-REQUEST or FAILED
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)

CodeExt	ans..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support
RefNr	ans..30	O	Reference number is returned, if it was previously submitted
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
PaymentSlipLink	ans..256	M	Complete URL (URL-encoded) for the page which presents the payment form

Results parameters for socket connection with PayU CashPayment

The following table describes the parameters which the Paygate returns to **URLNotify**:

Parameter	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.
XID	an32	M	ID assigned by Paygate for the payment transaction
TransID	ans..64	M	Merchant's transaction number
Status	a..30	M	OK or FAILED
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)
CodeExt	ans..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support
RefNr	ans..30	O	Reference number is returned, if it was previously submitted
UserData	ans..1024	O	If specified at request, Paygate forwards the parameter with the payment result to the shop.
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent)
Currency	a3	M	Currency, three character DIN / ISO 4217; only ARS, BRL, CLO, COP, MXN, PEN and USD permitted

Response parameters to URLNotify for payments with PayU CashPayment

Capture of a credit card payment with PayU LatAm

Captures are possible via a Server-to-Server connection. To carry out a Capture for a credit card payment with PayU LatAm via a Server-to-Server connection please use the following URL:

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

Notice: For security reasons, 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:

Parameter	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment to be captured

TransID	ans..64	M	TransactionID which should be unique for each payment
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a..3	M	Currency, three character DIN / ISO 4217; only ARS, BRL, CLO, COP, MXN, PEN and USD permitted
RefNr	ans..30	O	Unique reference number which appears on your printed card account or in the EPA-file (Electronic Payment Advice). Format must be mutually agreed beforehand with Computop!
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm

Parameters for captures of PayU LatAm via socket connections

The following table describes the Paygate response parameters:

Parameter	Format	CND	Description
MID	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment to be captured, e.g. for referencing in batch files.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	Merchant's transaction number
Status	a..30	M	OK or FAILED
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
RefNr	ans..30	O	Merchant's unique reference number
CodeExt	n..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support

Response parameters for captures of PayU LatAm via socket connections

Credit with reference

Credits (refunds) are possible via a Server-to-Server connection. For a Credit with reference to a capture the amount of the Credit is limited to the amount of the previous capture.

To carry out a credit, please use the following URL:

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

The following tables describe the transfer parameters and return values which are exchanged via the socket connection.

Notice: For security reasons, 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:

Parameter	Format	CND	Description
MerchantID	ans..30	M	MerchantID, assigned by Computop
PayID	an32	M	ID assigned by Paygate for the payment to be credited
TransID	ans..64	M	TransactionID which should be unique for each payment
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a..3	M	Currency, three character DIN / ISO 4217; only ARS, BRL, CLO, COP, MXN, PEN and USD permitted
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
OrderDesc	ans..768	O	Description of refunded goods, unit prices, merchant's comment etc.

Parameters for credit payments with PayU LatAm via socket connection

The following table describes the Paygate response parameters:

Parameter	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.
XID	an32	M	ID for all single transactions (authorisation, capture, credit note) for one payment assigned by Paygate
TransID	ans..64	M	Merchant's transaction number
Status	a..30	M	OK or FAILED
Description	ans..1024	M	Further details in the event that payment is rejected. Please do not use the Description but the Code parameter for the transaction status analysis!
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
CodeExt	n..10	O	Error code from PayU, if agreed with Computop support
ErrorText	ans..256	O	Error text from PayU, if agreed with Computop support

Response parameters for credit payments with PayU LatAm via socket connection

BATCH PROCESSING VIA THE INTERFACE

Basic information about using Batch files and about their structure can be found in the Batch Manager manual.

This section describes the parameters which must be transferred within the data set (**Record**) for executing of payments / credits for PayU LatAm in Latin America and which information can be found within the response file about the payment status.

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

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

Description of the possible batch versions

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

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

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

Parameter	Format	CND	Description
Type	a..11	M	HEAD for Header, FOOT for Footer, CC for Credit card payment with PayU
Action	a..20	M	The parameter Action defines the type of transaction: Capture Credit
Amount	n..12	M	Amount in the smallest currency unit (e.g. USD Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a3	M	Currency, three character DIN / ISO 4217; only ARS, BRL, CLO, COP, MXN, PEN and USD permitted
TransID	ans..64	M	TransactionID which should be unique for each payment
RefNr	ns..30	O	Unique reference number
PayID	an32	M	ID for this transaction given by Paygate

Description of fields within the record for Batch files

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

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

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

Parameter	Format	CND	Description
Action	a..20	M	The parameter Action defines the type of transaction: Capture Credit
PayID	an32	M	ID for this transaction given by Paygate
Status	a..50	M	OK or FAILED
Code	n8	M	Error code according to Paygate Response Codes Excel file (part of the software client from www.computop.de/manual)

Description of result parameters within the record for Batch files