

Chèque-Vacances Connect - Integration



Starting from December, 9th, there is no minimum amount for CV Connect transactions.

About ANCV Connect

General information about ANCV Connect

Cheque-Vacances Connect (cvconnect by ANCV) is a French initiative for travel vouchers. The customer pays for travel (related) expenses with travel vouchers at accredited merchants.

On the payment page the customer declares paper check numbers and pays the remaining amount with his credit card. Authorisation is made on the card to guarantee the amount paid with Chèque-Vacances. Then the client must send his paper checks by mail. Additional payments are debited immediately.

- Integration requirement / specificities: The part paid by Chèque-Vacances can't be refunded. The merchant will be notified by email to find another solution to refund his clients.
- Authorisation and payment:

1-step payment for payments in addition to payment with Chèque-Vacances.

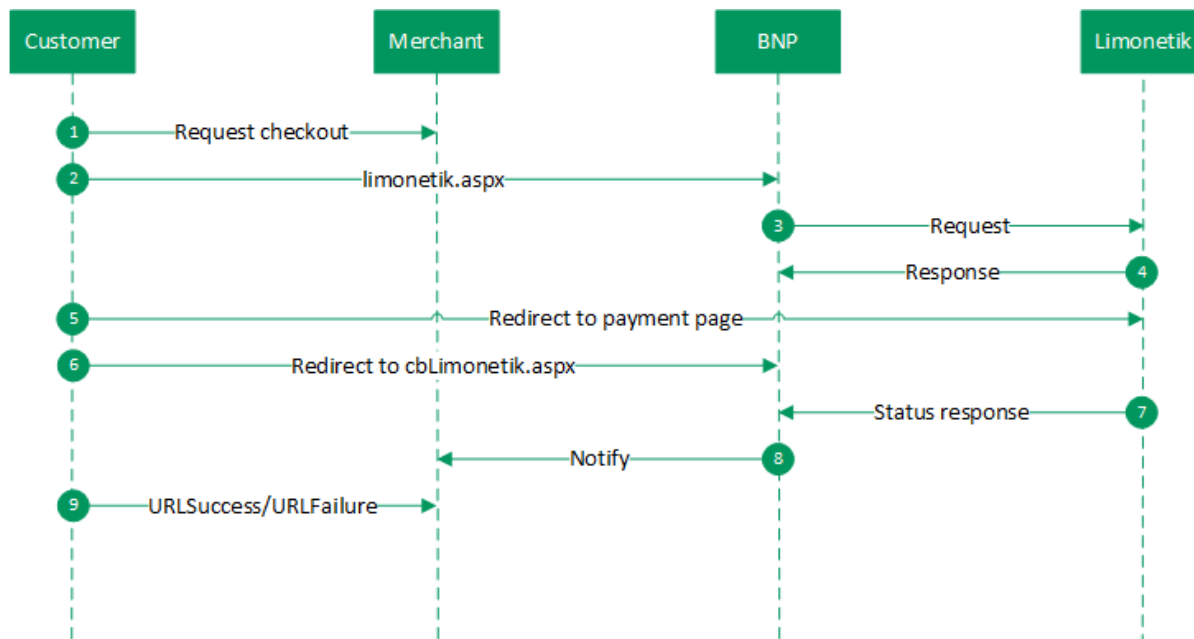
2-step payment in case of doubt about the guarantee on credit card or in case the paper checks don't arrive.

Info

Only in France.

Further information can be found on the webpage of ANCV (<https://www.ancv.com/>).

Process flow chart



The payment platform interface

Definitions

Data formats:

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

Abbreviations:

CND	condition
M	mandatory
O	optional
C	conditional

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

Call of the payment platform interface for ANCV Connect


To make a payment with ANCV Connect via Limonetik over the payment platform, go to the following URL:

<https://paymentpage.axepta.bnpparibas/limonetik.aspx>

Notice: For security reasons, the payment platform 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 BNP Paribas. Additionally this parameter has to be passed in plain language too.
TransID	ans..64	M	TransactionID which should be unique for each payment
RefNr	ans..30	O	Unique reference number
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
TaxAmount	n..12	O	Tax amount of the entire order in the smallest currency unit (e.g. EUR Cent).

Currency	a3	M	Currency, three digits DIN / ISO 4217
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
OrderDesc	ans..128	O	Description of purchased goods, unit prices etc.
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). Important Note: Please contact the BNP Paribas Support to discuss the different fields of application for Manual.
URLSuccess	ans..256	M	Complete URL which calls up the payment platform 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 the payment platform and shop, please use the parameter UserData .
URLFailure	ans..256	M	Complete URL which calls up the payment platform 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 the payment platform and shop, please use the parameter UserData .
Response	a7	O	Status response sent by the payment platform to URLSuccess and URLFailure , should be encrypted. For this purpose, transmit Response=encrypt parameter.
URLNotify	ans..256	M	Complete URL which the payment platform 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, the payment platform 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, the payment platform will not carry out the payment, but will just return the status of the original transaction. Please note that the payment platform must have a finalized transaction status for the first initial action. Submissions with identical ReqID for an open status will be processed regularly.
PayType	ans..21	M	Payment method that shall be used. Possible values: cvconnect
Invoicing address			
CompanyNa me	ans..50	C	Company name, if shop delivery, StorePickup, Network-Pickup or TravelPickup is selected
CustomerID	ans..20	O	Customer number
CustomerCl assification	a..12	O	Hint about customer type. Possible values: Professional, Individual
CustomerInf ormation	ans..100	O	Additional information about the customer. For Cetelem the merchant can submit several values separated by which are agreed between merchant and Cetelem. Example: CustomerInformation =CFID=true CNEW=false
Salutation	ans..20	O	Salutation
FirstName	ans..50	O	First name
LastName	ans..50	O	Last name
Street	ans..80	O	Street name and street number
AddressAdd ition	ans..80	O	Address c/o
ZIPCode	ans..10	O	Postcode
City	ans..100	O	City
CountryCode	a2	M	Two characters country code according to ISO 3166-1 alpha-2 FR for FRANCE <div> This data is mandatory because it's used for the top-up payment by card. Without this data, the payment will fail</div>
Email	ans..100	M	E-mail address
Phone	ns..50	O	Phone number e.g. +49123456789
MobileNo	ns..50	M	Mobile phone number e.g. +49123456789
Language	as5	O	Language for displaying the form. Default value: fr-FR
Delivery address			

sdCompanyName	ans..50	O	Company name in the delivery address
sdSalutation	ans..20	O	Salutation in the delivery address
sdFirstName	ans..50	O	First name in the delivery address
sdLastName	ans..50	O	Last name in the delivery address
sdStreet	ans..80	O	Street name and street number in the delivery address
sdAddressAddition	ans..80	O	Address addition in the delivery address
sdZipCode	ans..10	O	Postcode in the delivery address
sdCity	ans..100	O	Town/city in the delivery address
sdCountryCode	a2	O	Country code for the delivery address, 2 characters according to ISO 3166-1.
sdPhone	ans..50	O	Phone number e.g. +49123456789
sdMobileNo	ans..50	O	Mobile phone number e.g. +49123456789
Product information			
ArticleList	ans..1024	C	<p>Article list.</p> <p>These parameters must have the following structure:</p> <p>ID,Description,UnitPrice,Quantity,Category,Brand</p> <p>Several articles can be separated with a +, e.g.: 123,iPhone 6s,700,1,Phones,Apple+321,Galaxy S7,700,2,Phones,Samsung</p> <p>Possible values for Category:</p> <ul style="list-style-type: none"> ComputersAndSoftware Electronics Phones Appliances HomeAndGarden Fashion HealthAndBeauty Jewellery Sport LeisureAndHobbies CarsAndMotorbikes Furniture KidsAndBaby VideoGamesAndConsoles ToysAndGames Pets FoodAndDrink GiftAndFlowers Entertainment Travel AuctionsAndGroupBuying ServicesForIndividuals ServicesForProfessionals

ShippingData	ans..1024	C	<p>Delivery data.</p> <p>These parameters must have the following structure:</p> <p>Type,Description,Speed,ExpectedDate,ExpectedDelay</p> <p>e.g.: Other,DHL,Standard,2016-06-30,3</p> <p>Possible values for Type:</p> <ul style="list-style-type: none"> • StorePickup • NetworkPickup • TravelPickup • Carrier • EDelivery • Other <p>Possible values for Speed:</p> <ul style="list-style-type: none"> • Express • Standard
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The following table describes the result parameters that the payment platform transmits to your **URLNotify**, **URLSuccess** or **URLFailure**. If you have specified the **Response=encrypt** parameter, the following parameters are forwarded Blowfish encrypted to your system:

MID	ans..30	M	MerchantID, assigned by BNP Paribas
PayID	an32	M	ID assigned by the payment platform 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 the payment platform
TransID	ans..64	M	Merchant's transaction number
RefNr	ns..30	O	Unique reference number
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
Status	a..50	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 the payment platform Response Codes (Error codes)
CodeExt	ans..256	C	<p>Error code from Limonetik.</p> <p>Notice: Is returned only if Status=FAILED. Use is possible only in agreement with BNP Paribas support.</p>
ErrorText	ans..256	C	<p>Detailed Limonetik error message.</p> <p>Notice: Is returned only if Status=FAILED. Use is possible only in agreement with BNP Paribas support.</p>
UserData	ans..1024	O	If specified at request, the payment platform forwards the parameter with the payment result to the shop
TransactionID	ans..50	O	ID for identification of payment form

Capture

Captures are possible via a Server-to-Server connection. To carry out a Capture for ANCV Connect via Limonetik via a Server-to-Server connection please use the following URL:

<https://paymentpage.axepta.bnpparibas/capture.aspx>

Notice: For security reasons, the payment platform 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:

MerchantID	ans..30	M	MerchantID, assigned by BNP Paribas. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by the payment platform for the payment to be captured
TransID	ans..64	M	TransactionID which should be unique for each payment
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a..3	M	Currency code, three digits DIN / ISO 4217
RefNr	ns..30	O	Merchant's unique reference number
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
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, the payment platform will not carry out the payment, but will just return the status of the original transaction. Please note that the payment platform must have a finalized transaction status for the first initial action. Submissions with identical ReqID for an open status will be processed regularly.

The following table describes the payment platform response parameters:

MID	ans..30	M	MerchantID, assigned by BNP Paribas
PayID	an32	M	ID assigned by the payment platform 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 the payment platform
TransID	ans..64	M	Merchant's transaction number
Status	a..50	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 the payment platform Response Codes (Error codes)
RefNr	ns..30	M	Merchant's unique reference number

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 with a reference transaction, please use the following URL:

<https://paymentpage.axepta.bnpparibas/credit.aspx>

Notice: For security reasons, the payment platform 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:

MerchantID	ans.30	M	MerchantID, assigned by BNP Paribas. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by the payment platform for the payment to be credited
TransID	ans.64	M	TransactionID which should be unique for each payment
Amount	n.10	M	Amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a.3	M	Currency code, three digits DIN / ISO 4217
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
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, the payment platform will not carry out the payment, but will just return the status of the original transaction. Please note that the payment platform must have a finalized transaction status for the first initial action. Submissions with identical ReqID for an open status will be processed regularly.

The following table describes the payment platform response parameters:

MID	ans..30	M	MerchantID, assigned by BNP Paribas
PayID	an32	M	ID assigned by the payment platform 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 the payment platform
TransID	ans..64	M	Merchant's transaction number
Status	a..50	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 the payment platform Response Codes (Error codes)

Reversal

To cancel a transaction with ANCV Connect via Limonetik, please use the following URL:

<https://paymentpage.axepta.bnpparibas/reverse.aspx>

Notice: For security reasons, the payment platform 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:

MerchantID	ans.30	M	MerchantID, assigned by BNP Paribas. Additionally this parameter has to be passed in plain language too.
PayID	an32	M	ID assigned by the payment platform for the payment to be reverted
TransID	ans.64	M	TransactionID which should be unique for each payment
Amount	n.10	M	Amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a.3	M	Currency code, three digits DIN / ISO 4217
MAC	an64	M	Hash Message Authentication Code (HMAC) with SHA-256 algorithm
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, the payment platform will not carry out the payment, but will just return the status of the original transaction. Please note that the payment platform must have a finalized transaction status for the first initial action. Submissions with identical ReqID for an open status will be processed regularly.

The following table describes the payment platform response parameters:

MID	ans..30	M	MerchantID, assigned by BNP Paribas
PayID	an32	M	ID assigned by the payment platform 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 the payment platform
TransID	ans..64	M	Merchant's transaction number
Status	a..50	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 the payment platform Response Codes (Error codes)

Batch processing via the interface

Basic information about using Batch files and about their structure you can find inside the separate manual for the Batch manager. Within batch processing not all functions are available which are usually available for the online interface.

This section describes the parameters which must be transferred within the data set (Record) for executing of captures, credits and reversals for ANCV Connect via Limonetik 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:

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

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

```
HEAD,<MerchantID>,<Date>,<Version>
Limonetik,Capture,<Amount>,<Currency>,<TransID>,<RefNr>,<PayID>
Limonetik,Credit,<Amount>,<Currency>,<TransID>,<RefNr>,<PayID>
Limonetik,Reverse,<Amount>,<Currency>,<TransID>,<RefNr>,<PayID>
FOOT,<CountRecords>,<SumAmount>
```

Example for Master MID Funktion:

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

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

Type	a..11	M	HEAD for Header, FOOT for Footer, Limonetik for Limonetik
Action	a..20	M	The parameter Action defines the type of transaction: Capture Credit Reverse (cancellation)
Amount	n..10	M	Amount in the smallest currency unit (e.g. EUR Cent) Please contact the helpdesk, if you want to capture amounts < 100 (smallest currency unit).
Currency	a3	M	Currency code, three digits DIN / ISO 4217
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 the payment platform

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

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

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

Action	a..20	M	The parameter Action defines the type of transaction: Capture Credit Reverse (cancellation)
PayID	an32	M	ID for this transaction given by the payment platform
Status	a..50	M	OK or FAILED
Code	n8	M	Error code according to the payment platform Response Codes (Error codes)