



**COLLECTING SOLUTION**

# **Adding the payment button e-Chèque-Vacances**

## **Implementation guide**

Document version 1.3

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# 1. HISTORY OF THE DOCUMENT

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Version	Author	Date	Comment
1.3	Lyra Collect	10/1/2018	Initial version

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## 2. GETTING IN TOUCH WITH TECHNICAL SUPPORT

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Looking for help? Check our FAQ on our website

<https://lyra.com/doc/fr/collect/faq/sitemap.html>

For technical inquiries or support, you can reach us from Monday to Friday, between 9am and 6pm

by phone at:

**0811900475**

Service fee 0.06 € / mi  
+ call charge

by e-mail:

[support-ecommerce@lyra-collect.com](mailto:support-ecommerce@lyra-collect.com)

## 3. SPLIT PAYMENT: USING SEVERAL PAYMENT METHODS

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### Split payment

Split payment is a service allowing the buyer to pay for the whole purchase using several payment methods.

The only payment methods that can be used for split payment are of the "prepaid card" type.

The use of a prepaid card with a balance lower than the order amount will automatically result in splitting the payment.

**No specific development is necessary.**

All the transactions of a split payment are combined within a payment sequence.

All the transactions of a payment sequence have the same transaction identifier, but a different sequence number (see chapter **Analyzing the payment result**).

### 3.1. e-Chèques-Vacances

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e-Chèque-Vacances(eCV), allows to pay exclusively for services related to holidays and leisure:

- hosting,
- accommodation and transport,
- catering,
- culture and exploration,
- leisure,
- relaxation.

They can be used for holidays in France (including its overseas territories) and traveling to countries within the European Union.

The uniqueness of an eCV is determined by the combination of the check number / organization number / issue year.

Each eCV has a scratch area that reveals a security code (that enables the sever of the ANCV, the Agence Nationale pour les Chèques-Vacances - French National Agency for Holiday Vouchers, to authenticate the eCV). It can only be used online on merchant websites that have an agreement with ANCV offering the eCV payment method (see chapter **Prerequisites to offer e-Chèques-Vacances on the payment page**).

Once used for an online purchase, eCV checks are considered to be "consumed" by the ANCV server and cannot be used again.

For more information: <http://www.ancv.com/Questions-les-plus-frequentes>

#### **The capture number**

The capture number allows to uniquely identify refunds from ANCV to the merchant website. This number corresponds to the batch of e-Chèques-Vacances.

The refund of e-Chèques-Vacances by the ANCV to the merchant is automatic. It is made via a bank transfer within a maximum delay of 21 days after the e-Chèques-Vacances were validated for refund.

Once a transaction has been validated, a capture number is transmitted to the merchant website that, by connecting to the ANCV's extranet, can reconcile the captured amount of e-Chèques-Vacances and the amount that was transferred by the ANCV (by charging a commission fee).

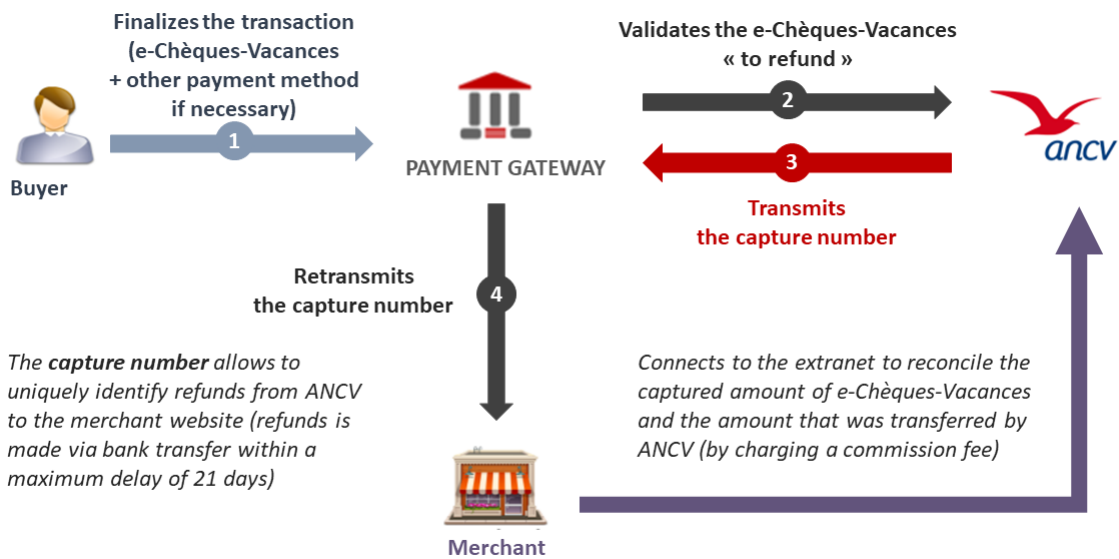


Figure 1: The capture number

The capture number can be viewed in the Expert Back Office via the **Management > Transactions** menu. e-Chèques-Vacances transactions for an accepted payment are visible in the **Captured transactions** tab. The capture number appears in the column **Capture #**.

## 4. INTEGRATING E-CHÈQUES-VACANCES INTO THE PAYMENT PAGE

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Important information about the addition of this payment method:

- **Type of integration**

Only available via integration with payment form redirection.

- **Restriction**

Integration is not possible via Web Services.

- **Field name for customizing the list of payment methods**

vads\_payment\_cards

- **vads\_payment\_cards value for e-Chèques-Vacances**

E\_CV

### Example

For example, for offering Visa, MasterCard and e-Chèques-Vacances on the payment page, the line of code in the payment form is:

```
<input type="hidden" name="vads_payment_cards" value="VISA;MASTERCARD;E_CV" />
```

*Note:*

- *If this list contains only one card type, the data entry page for this payment method will directly appear.*
- *If there are more than one card types, the page with payment method selection will appear.*
- *If this parameter is empty (recommended), the available payment methods (currencies, technical constraints, etc.) associated with the shop will be suggested.*

- **Field name for defining the Merchant ID (MID)**

vads\_contracts

In the payment form, the merchant can specify the value of the Merchant ID (MID).

This field is used only if you have several MID within the same acceptance scheme.

- **vads\_contracts value for ANCV MID**

ANCV

ANCV MID must be set as follow: **Convention #-Collector #-Reception #**

These data must be separated by "-" character.

The line of code in the payment form is:

```
<input type="hidden" name="vads_contracts=ANCV=123456-7-8" />
```

## 4.1. Prerequisites

---

Adding this payment method to the payment page of the merchant website does not present any difficulty.

The merchant must:

- Be a professional within the Tourism and Leisure industry.

- Be an ANCV beneficiary, i.e. have signed the ANCV agreement.

Upon concluding an agreement with the ANCV, the merchant receives an agreement number. This number will be used as a contract number in the Expert Back Office

The merchant will have to complete an "ANCV certificate". This certificate is one of the subscription documents that must be completed by the merchant (together with the registration form and the Terms of service).

- Request for the e-Chèques-Vacances payment method to be activated via the payment gateway.



## 4.2. Viewing the e-Chèque-Vacances payment progress on the payment page

The diagram below presents the exchange process from the point of view of the buyer.

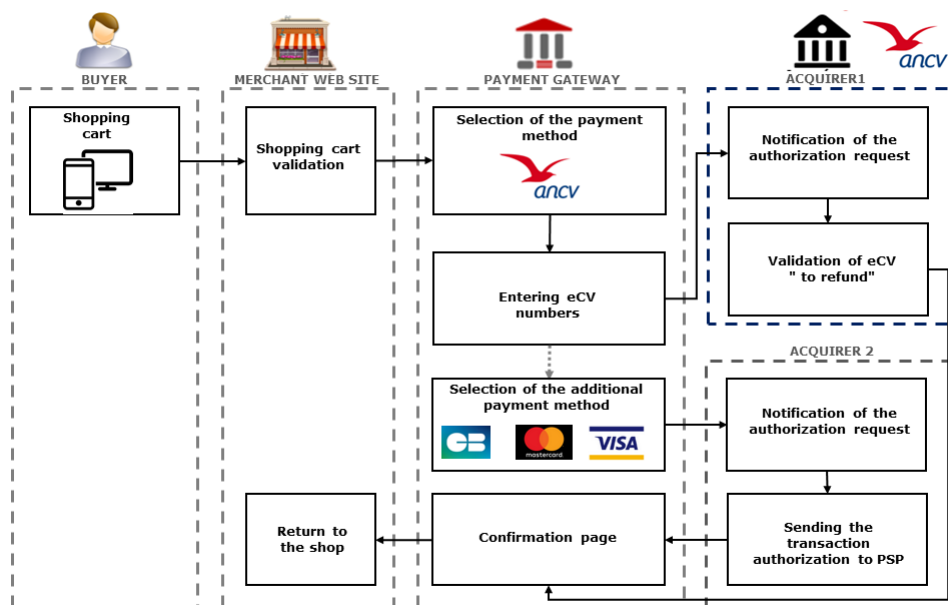


Figure 2: Exchange process

1. The buyer validates the shopping cart.
2. The merchant website redirects the buyer to the payment gateway.  
For more information, refer to the Payment Form Implementation Guide available in our online documentation archive).
3. When the parameters and their signature have been verified, the payment method selection page appears.
4. The buyer selects the first payment method, for example e-Chèques-Vacances.

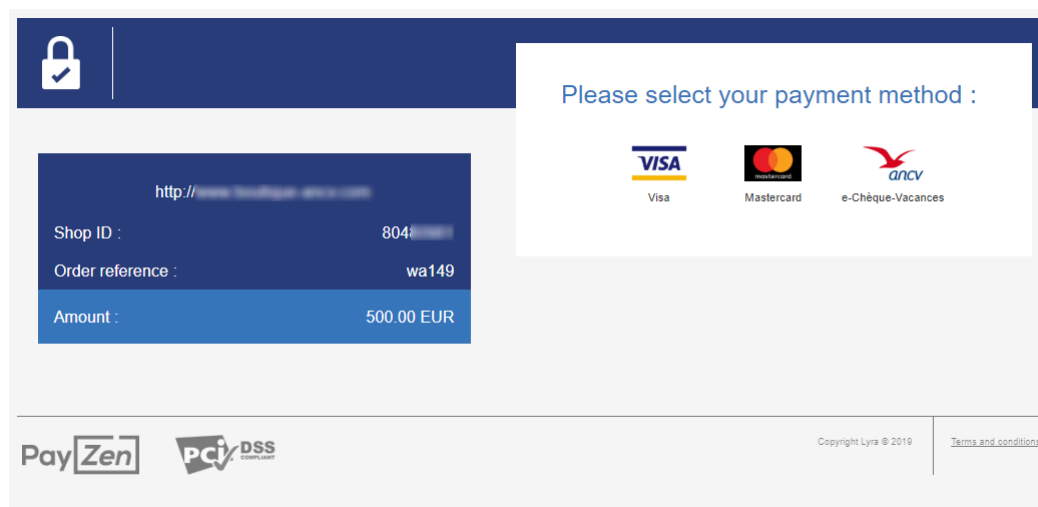


Figure 3: Selection of a payment method

5. The buyer confirms that he/she is in possession of e-Chèques-Vacances.

Otherwise (classic Chèques-Vacances ), the buyer is prompted to select another payment method.

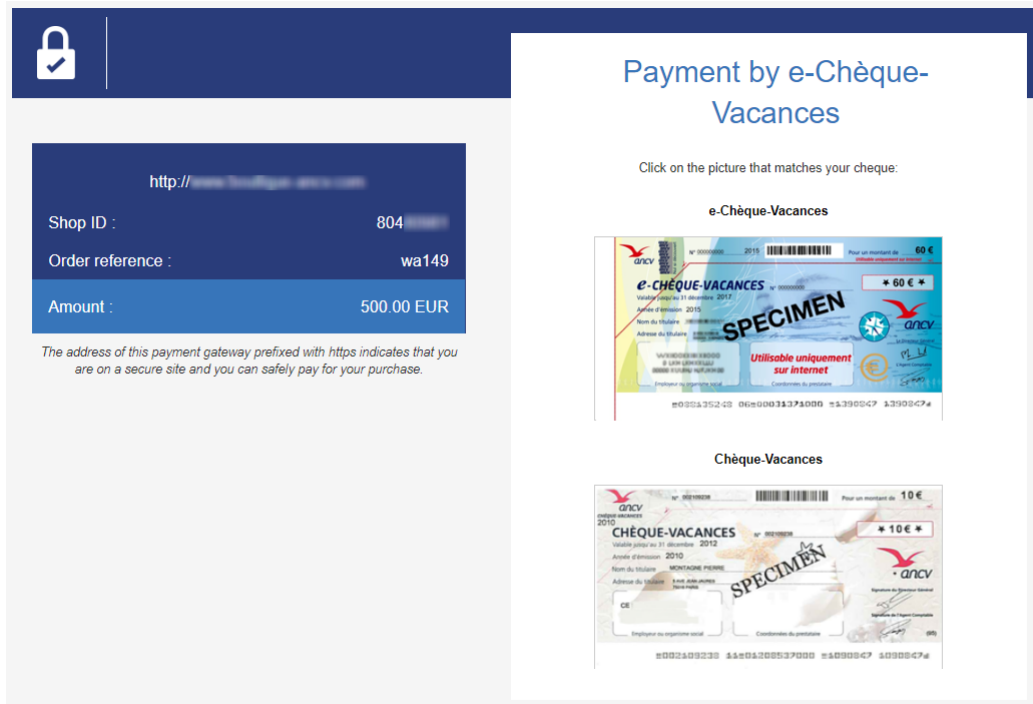


Figure 4: Confirmation of a payment method

6. The buyer enters the details of the e-Chèques-Vacances. The details are:

- the check number,
- the organization number,
- the issue year of the e-Chèques-Vacances,
- the security code (scratch area).

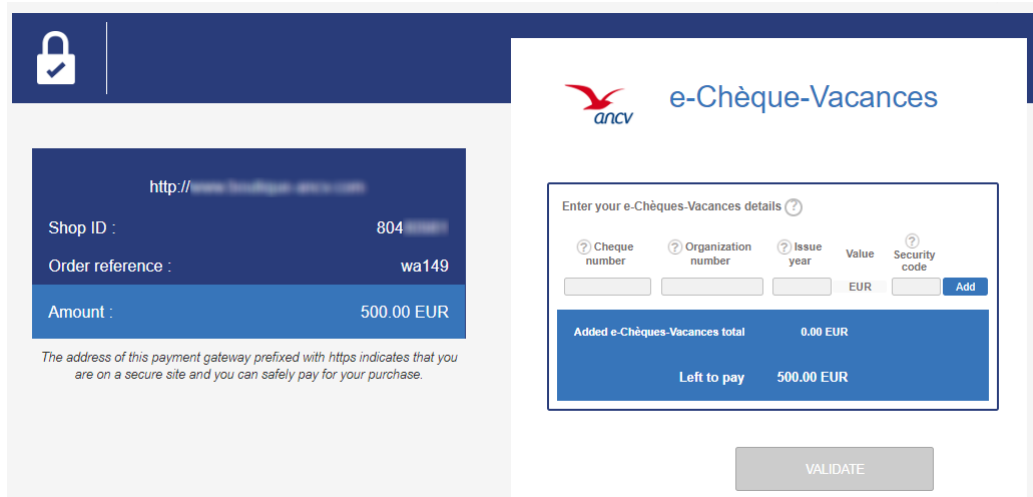


Figure 5: Filling in details of the e-Chèque-Vacances

7. The buyer clicks on **Add**.

The payment gateway interrogates the ANCV server via Web Services.

The ANCV server analyzes the submitted e-Chèques-Vacances (whether the check is valid and expendable, if the security code is correct, etc.).

If the e-Chèques-Vacances is valid, the ANCV server registers its reservation and returns to the gateway:

- the face value of thee-Chèques-Vacances,

- the name of the e-Chèques-Vacances holder,
  - the list of expendable checks from the same checkbook and their associated details (number of the e-Chèques-Vacances, organization number, issue year and face value).
8. The payment gateway reloads the payment page and displays (or not, depending on the amount) the list of the expendable e-Chèques-Vacances from the same checkbook. The number of displayed e-Chèques-Vacances depends on the amount left to be paid.
9. The buyer can either:
- add an e-Chèques-Vacances from the list by indicating its security code,
  - enter another e-Chèques-Vacances,
  - delete an already added e-Chèques-Vacances.
10. Once the desired e-Chèques-Vacances have been added, the buyer clicks on **VALIDATE**.

The screenshot displays the payment gateway interface for e-Chèque-Vacances. On the left, a secure payment page shows the Shop ID (804), Order reference (wa149), and Amount (500.00 EUR). The right panel, titled 'e-Chèque-Vacances', features a table of available checks with columns for Cheque number, Organization number, Issue year, Value, and Security code. A summary at the bottom indicates that 60.00 EUR of e-Chèques-Vacances have been added, leaving 440.00 EUR to be paid. A 'VALIDATE' button is located at the bottom of the interface.

Figure 6: Overview of the used e-Chèque-Vacances

The payment gateway offers a detailed overview of the split payments that have been made.

It is possible to delete all the selected e-Chèques-Vacances or return to the e-Chèques-Vacances selection page.

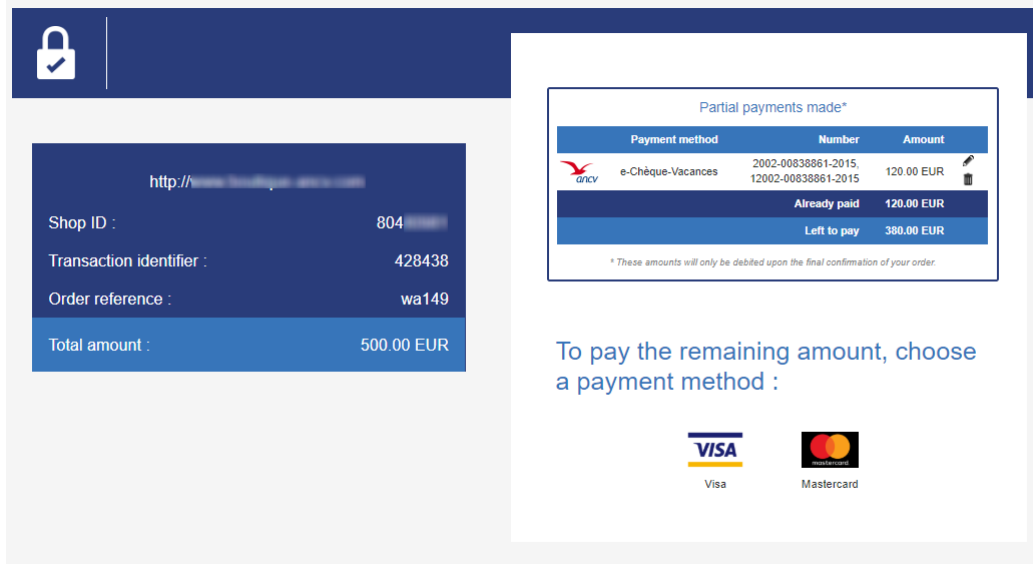


Figure 7: Overview of completed split payments

11. The buyer selects a payment method to pay the remaining amount for the order.

12. then enters the card number and expiration date,

If the card has a security (CVV) code, it must be specified.

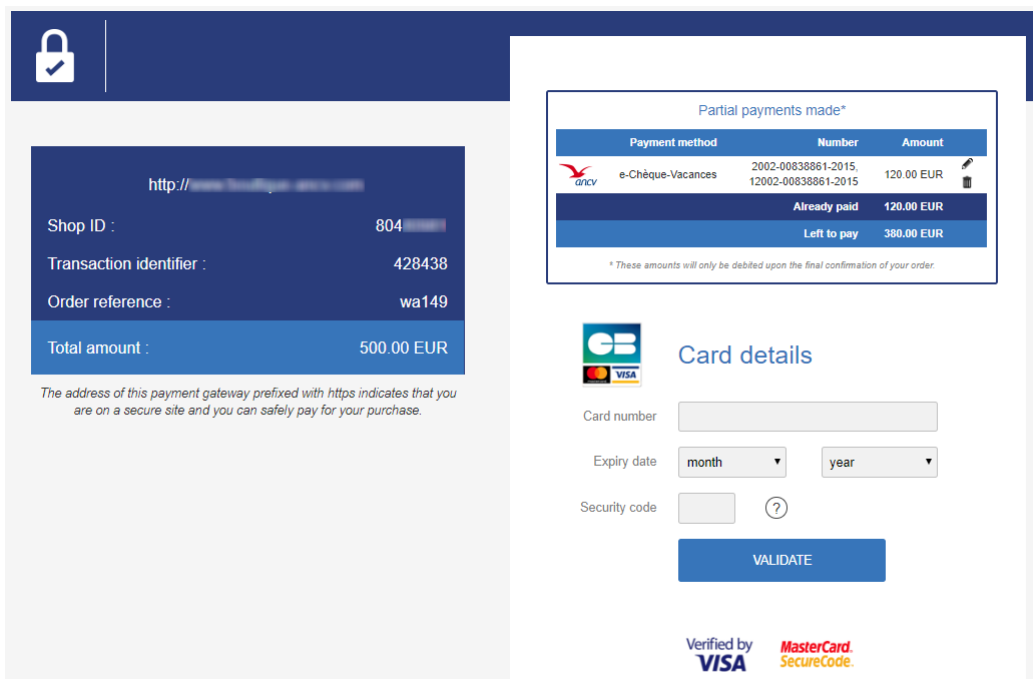


Figure 8: Filling in the bank card data

13. The buyer confirms the selection of the payment method by clicking on **VALIDATE**,

14. If the merchant and the buyer's card are enrolled in the 3D Secure authentication program, the payment will be authenticated with 3D Secure.

15. An authorization request is sent to the buyer's bank, the issuer, in addition to internal fraud verification on the payment gateway.

If the payment is declined, the payment gateway cancels the reservation of e-Chèques-Vacances on the ANCV server.

If the payment is accepted, the payment gateway definitively validates the reservation of e-Chèques-Vacances on the ANCV server.

16. If the payment is successfully completed, a page with the detailed overview of the payment sequence will appear.

A button allowing to return to the shop is offered to the buyer.

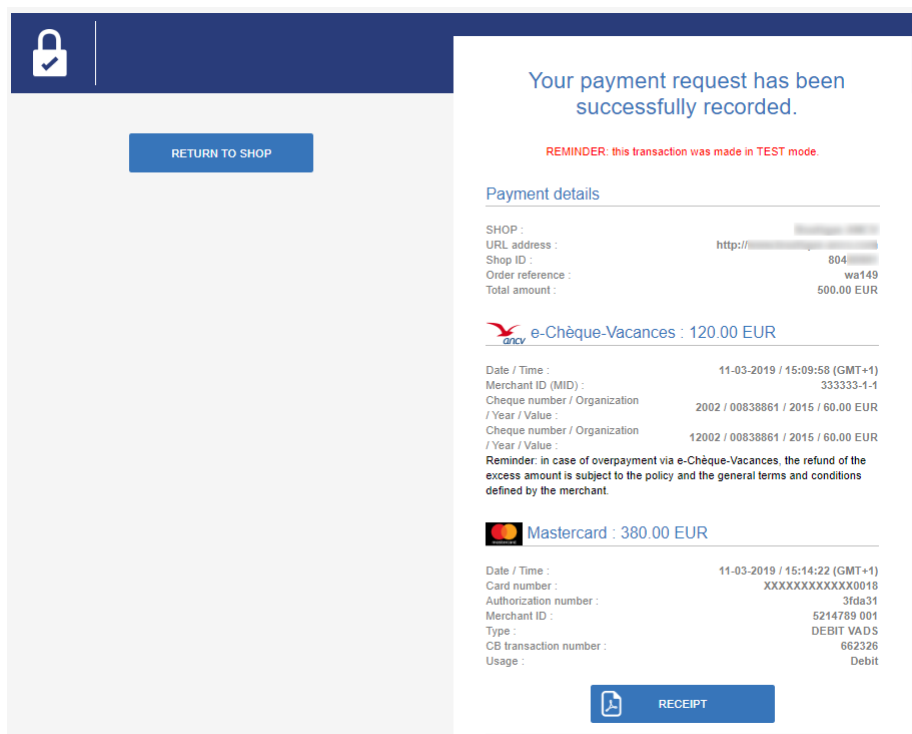


Figure 9: Overview of payment sequences

In case of failure, a message is displayed. The buyer is informed of the rejection of the payment request. A button allowing to cancel and return to the shop is presented.

**Note:** at any point of the payment process, the payment gateway may have to cancel the reservation of e-Chèques-Vacances if:

- the buyer has returned to the shop before payment validation,
- the payment session has expired,
- a technical issue occurs (e.g. ANCV server cannot be reached).

### 4.3. Viewing the transaction in the Expert Back Office

Transactions can be viewed in the Expert Back Office via the **Management > Transactions** menu.

- e-Chèques-Vacances transactions for an accepted payment are visible in the **Captured transactions** tab. Since e-Chèques-Vacances are validated in real time via the ANCV server, the capture delay is 0.

**Note:** all the e-Chèques-Vacances transactions of a split payment have a unique capture number. This number is transmitted by ANCV when the e-Chèques-Vacances reservation is validated during the payment. This number corresponds to the lot of e-Chèques-Vacances. It appears in the **Capture N°** column.

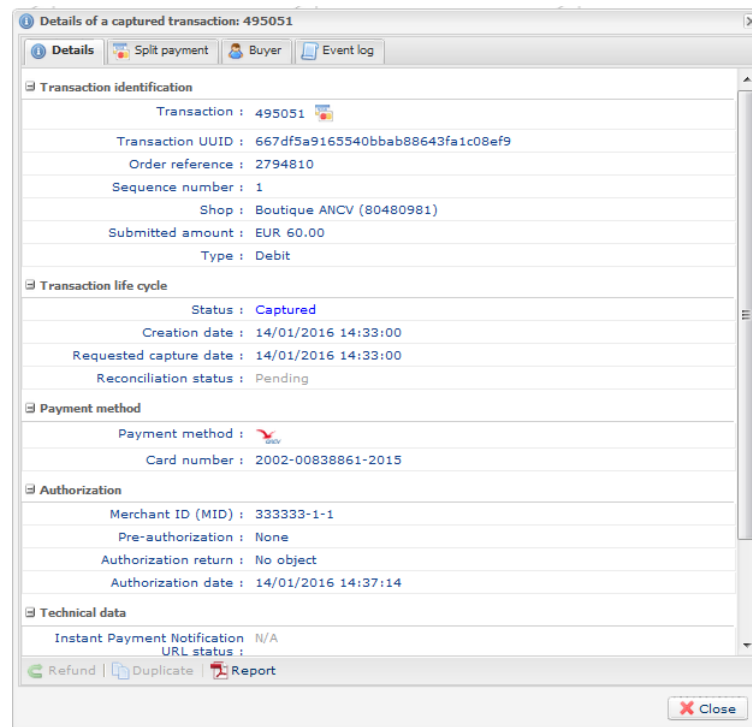
- The bank card transaction is visible in the **Transactions in progress** tab until its capture.

**Note:** The e-Chèques-Vacances transactions in the **Transactions in progress** tab correspond to cancellations (the e-Chèques-Vacances that were deleted after they were added to the payment page) or rejected transactions (an e-Chèques-Vacances that was blocked following 3 entry errors of the security code on the payment page).

**To view the details of an ANCV transaction:**

1. Select an ANCV transaction.
2. Right click on it and select **Display transaction details** or double-click the transaction you wish to see the details of.

The **Details of a transaction in progress** dialog box appears.



*Figure 10: Transaction details*

The details include:

- The used payment method (ANCV)
- The transaction identifier
- The sequence number
- The transaction amount
- The creation date of the transaction
- The transaction status
- The payment method number

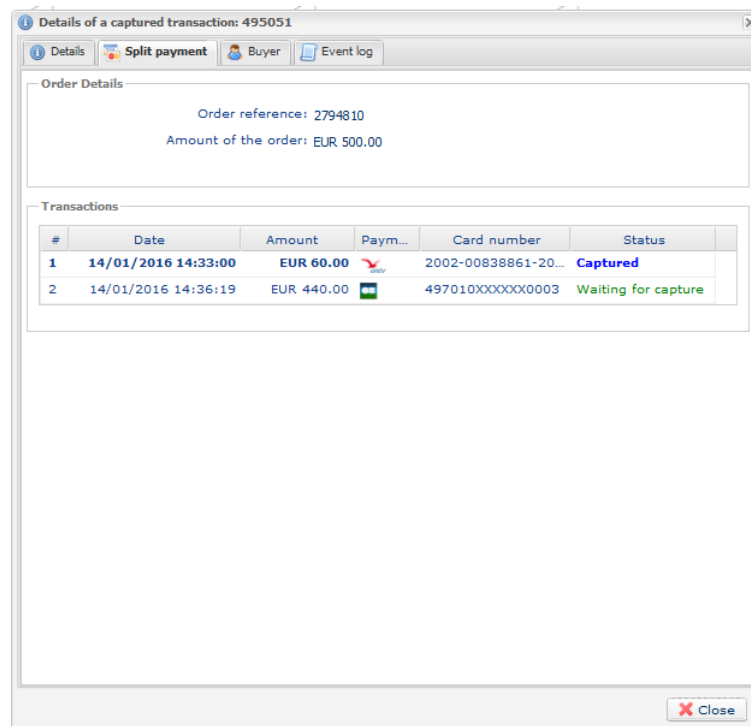
Its value is made up of a concatenation of the check number - the organization number - the issue year

**To view the details of the split payment (list of sequences):**

1. Select an ANCV transaction.
2. Right-click the transaction and select **Display transaction details**.

The **Details of a transaction in progress** dialog box appears.

3. Click the **Multi payment methods** tab.



*Figure 11: Details of the split payment*

The sequences of the split payment (e-Chèques-Vacances and bank card).

**Note:** all e-Chèques-Vacances authenticated by the ANCV server are displayed, including the e-Chèques-Vacances that have been deleted on the payment page.

## 5. SENDING THE PAYMENT REQUEST

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The buyer will be able to finalize his/her purchase once he/she is redirected to the payment page.

The buyer's browser must transmit the payment form data.

### 5.1. Redirecting the buyer to the payment page

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The URL of the payment gateway is:

<https://secure.lyra.com/vads-payment/>

Example of parameters sent to the payment gateway:

```
<form method="POST" action="https://secure.lyra.com/vads-payment/">
<input type="hidden" name="vads_action_mode" value="INTERACTIVE" />
<input type="hidden" name="vads_amount" value="2990" />
<input type="hidden" name="vads_ctx_mode" value="TEST" />
<input type="hidden" name="vads_currency" value="978" />
<input type="hidden" name="vads_cust_country" value="FR" />
<input type="hidden" name="vads_cust_email" value="me@example.com" />
<input type="hidden" name="vads_page_action" value="PAYMENT" />
<input type="hidden" name="vads_payment_config" value="SINGLE" />
<input type="hidden" name="vads_site_id" value="12345678" />
<input type="hidden" name="vads_trans_date" value="20160526101407" />
<input type="hidden" name="vads_trans_id" value="362812" />
<input type="hidden" name="vads_version" value="V2" />
<input type="hidden" name="signature" value="NM25DPLKEbtGEHCDHn8MBT4ki6aJI/ODaWhCzCnAfvy=" />
<input type="submit" name="payer" value="Payer"/>
</form>
```

### 5.2. Processing errors

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If the payment gateway detects an error while receiving the form, an error message will appear and the buyer will not be able to proceed to the payment.

#### In TEST mode

The message indicates the source of the error and provides a link to the error code description to help you fix it.

#### In PRODUCTION mode

The message simply indicates to the buyer that a technical problem has occurred.

In both cases the merchant receives a notification e-mail.

It contains:

- the source of the error,
- a link to possible causes to facilitate its analysis,
- all the fields of the form.

A description of the error codes with their possible causes is available on our website

<https://lyra.com/doc/fr/collect/error-code/error-00.html>



## 6. ANALYZING THE PAYMENT RESULT

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The analysis of the payment result is described in the *Hosted Payment Page Implementation guide* available in our online documentation archive (<https://lyra.com/doc/fr/>).

This document only describes the steps of processing data relative to the response of a split payment.

## 6.1. Obtaining the capture number via Web Services

---

The capture number can be viewed in the Expert Back Office via the **Management > Transactions** menu. e-Chèques-Vacances transactions for an accepted payment are visible in the **Captured transactions** tab. The capture number appears in the column **Capture #**.

However, it is possible to obtain this number via Web Services.

- **If you are using Web Services V4**

Use the **getInfo** unction to interrogate the transaction and see its various attributes.

This function takes the following parameters:

Field name	Format	Description	Mandatory
siteId	String / n8	Shop ID	✓
transmissionDate	dateTime / ans..40	The transaction creation date and time in question expressed in the W3C format (E.g.: 2015-02-18T16:12:01Z).	✓
transactionId	String / an6	Transaction identifier in question.	✓
sequenceNumber	Int / n..3	Transaction sequence number in question. Equals "1" for single payment. Takes the value of the sequence number in case of a split payment.	✓
ctxMode	String	Mode of soliciting the payment gateway ("TEST", "PRODUCTION").	✓
wsSignature	String	Signature	✓

The signature is calculated using the parameters in the following order:

siteId, transactionId, sequenceNumber, ctxMode

This function returns a response of the **transactionInfo** type in which the **captureNumber** field returns the capture number.

For more information, refer to the Web Services documentation available in our online documentation archive (<https://lyra.com/doc/fr/>).

- **If you are using Web Services V5**

Use the **getPaymentDetails** operation to interrogate the transaction and see its various attributes.

For more information, refer to the Web Services documentation available in our online documentation archive (<https://lyra.com/doc/fr/>).

## 6.2. Processing e-Chèque-Vacances payment response-specific data

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### Features of a split payment:

- All the transactions of a split payment are combined within a payment sequence.
- All the transactions of a payment sequence have the same transaction identifier, but a different sequence number.
- The number of the first transaction of the sequence is 1, the number of the second is 2, etc.

### Context:

When paying, the buyer pays for a part of the purchase with a e-Chèque-Vacances card and the rest with a bank card.

The payment will consist of N sequences detailed in the **vads\_payment\_seq** field:

Note: There are as many **E\_CV** transactions as submitted checks, plus one transaction for the bank card.

The Instant Payment Notification URL will contain the following information:

Field name	Description	Value
<b>vads_page_action</b>	Completed operation	<b>PAYMENT</b> Payment made without token
<b>vads_trans_status</b>	Status of the payment	<p>The returned status is based on the terms of payment.</p> <ul style="list-style-type: none"> <li>If the payment was made only with e-Chèque-Vacances: The value is <b>CAPTURED</b> (Sent). The "e-Chèques-Vacances" are validated in real time by the ANCV server.</li> <li>If the payment is completed by another payment methods, the value of the status is that of the supplement. <ul style="list-style-type: none"> <li><u>Payment card without capture delay</u> The possible values are: <b>AUTHORISED</b> Accepted, waiting for capture <b>CAPTURED</b> Sent</li> <li><u>Payment card with capture delay greater than 0 days or requiring action by the merchant:</u> The possible values are: <b>WAITING_AUTHORISATION</b> Waiting for authorization <b>WAITING_AUTHORISATION_TO_VALIDATE</b> To be validated and authorized <b>AUTHORISED_TO_VALIDATE</b> To be validated and authorized</li> </ul> </li> <li>If the payment has not been made, the possible values are: <ul style="list-style-type: none"> <li><b>ABANDONED</b> payment abandoned by the buyer. The transaction has not been created, and <b>therefore cannot be viewed in the Expert Back Office.</b></li> <li><b>REFUSED</b> Transaction is declined.</li> <li><b>EXPIRED</b> Expired The expiry date of the authorization request has passed and the merchant has not validated the transaction. The account of the cardholder will, therefore, not be debited.</li> <li><b>CANCELLED</b> Payment canceled by the merchant</li> </ul> </li> </ul>
<b>vads_card_brand</b>	Payment type	<p>Case of payment made using only a "e-Chèques-Vacances"</p> <ul style="list-style-type: none"> <li><b>"E_CV"</b></li> </ul> <p>Case of a split payment (a "e-Chèques-Vacances" and a complementary payment method):</p> <ul style="list-style-type: none"> <li><b>MULTI</b> The table of payment methods used by the buyer can be found in the JSON of the <b>vads_payment_seq</b> field (<b>card_brand</b> element).</li> </ul>
<b>vads_payment_seq</b>	Details of the split payment sequence	See explanations and table below.

## Details of the vads\_payment\_seq field

All the transactions of a split payment are combined within a payment sequence.

All the transactions of a payment sequence have the same transaction identifier, but a different sequence number. The number of the first transaction of the sequence is 1, the number of the second is 2, etc.

The **vads\_payment\_seq** field (json format) describes the split payment sequence. It contains:

- **"trans\_id"**: identifier of the transaction received in the vads\_trans\_id field of the payment form.
- **"transaction"** : transaction table of the sequence.

Note: canceled transactions are also mentioned in the table.

Each transaction of the sequence contains the following elements:

Field name	Description						
amount	Amount of the payment sequence.						
operation_type	Debit transaction.						
auth_number	Authorization number. Example: 949478 This parameter is returned empty for payments by "e-Chèque-Vacances". It is not provided by the ANCV server. Authorization number returned by the authorization server, if available (otherwise, empty).						
auth_result	Return code of the authorization request.						
capture_delay	Delay before the capture (in days). <ul style="list-style-type: none"> <li>• For payments by "e-Chèques-Vacances", this parameter is set to "0". The "e-Chèques-Vacances" are validated in real time.</li> <li>• For a payment by card, this parameter is the requested capture date (ISO 8601 format). If not sent in the payment form, the value defined in the Expert Back Office will be used.</li> </ul>						
card_brand	Used payment method. For payments by "e-Chèques-Vacances", this parameter is set to "E_CV". For a payment by card (e.g. CB or Visa or MasterCard co-branded CB cards), this parameter is set to "CB". See the Payment Gateway Implementation Guide available in our online documentation archive to see the complete list of card types.						
card_number	Payment method number <ul style="list-style-type: none"> <li>• For a payment by "e-Chèques-Vacances", this parameter is populated by concatenating as follows: the check number - the organization number - the issue year. The values should be separated with a "-".</li> <li>• For payments by credit cards, the number is masked.</li> </ul>						
expiry_month	Expiry month of the payment method This field is not sent for payments by e-Chèque-Vacances.						
expiry_year	Expiry year of the payment method This field is not sent for payments by e-Chèque-Vacances.						
payment_certificate	Payment certificate.						
contract_used	Contract used for the payment						
identifier	Unique identifier (token) associated with a payment method.						
identifier_status	Only present if the requested action is a token creation or update. Possible values: <table border="1" data-bbox="635 1787 1433 2042"> <thead> <tr> <th>Value</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>CREATED</td> <td>The authorization request has been accepted. Token (or UMR for SEPA payment) has been successfully created.</td> </tr> <tr> <td>NOT_CREATED</td> <td>The authorization request has been declined. The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.</td> </tr> </tbody> </table>	Value	Description	CREATED	The authorization request has been accepted. Token (or UMR for SEPA payment) has been successfully created.	NOT_CREATED	The authorization request has been declined. The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.
Value	Description						
CREATED	The authorization request has been accepted. Token (or UMR for SEPA payment) has been successfully created.						
NOT_CREATED	The authorization request has been declined. The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.						

Field name	Description	
	<b>Value</b>	<b>Description</b>
	<b>UPDATED</b>	Token (or UMR for SEPA payment) has been successfully updated.
	<b>NOT_UPDATED</b>	The token (or UMR for SEPA payment) has not been updated.
	<b>ABANDONED</b>	The action has been abandoned by the buyer (debtor). The token (or UMR for SEPA payment) has not been created, and therefore cannot be viewed in the Expert Back Office.
presentation_date	For a payments by card, this parameter is the requested capture date (ISO 8601 format). For a payment by e-Chèques-Vacances, this parameter corresponds to the date of the order. The e-Chèques-Vacances are validated in real time by the ANCV server.	
trans_id	Transaction number.	
ext_trans_id	This field is not sent for payments by credit cards. For a payment by e-Chèques-Vacances, this parameter is populated by the payment gateway (transaction reference).	
trans_uuid	Unique reference generated by the payment gateway after the creation of a payment transaction. Guarantees that each transaction is unique.	
extra_result	Numeric code of the risk controls result.	
	<b>Code</b>	<b>Description</b>
	Empty	No verification completed.
	00	All the verification processes have been successfully completed.
	02	Credit card velocity exceeded.
	03	The card is in the merchant's greylist.
	04	The country of origin of the card is on the merchant's greylist.
	05	The IP address is on the merchant's greylist.
	06	The BIN code is on the merchant's greylist..
	07	Detection of an e-carte bleue.
	08	Detection of a national commercial card.
	09	Detection of a foreign commercial card.
	14	Detection of a card that requires systematic authorization.
	20	Relevance verification: countries do not match (country IP address, card country, buyer's country).
	30	The country of the this IP address belongs to the greylist.
	99	Technical issue encountered by the server during a local verification process.
sequence_number	Sequence number.	
trans_status	Transaction status.	

Table 1: JSON object content

## Example of vads\_payment\_seq field values

- Case 1: all the submitted e-Chèques-Vacances have been added and validated

```
vads_payment_seq :{
  "trans_id":"913509",
  "transactions": [
    {
      "amount":"6000",
      "operation_type":"DEBIT",
      "auth_number":"",
      "capture_delay":"0",
      "card_brand":"E CV",
      "card_number":"2002-838861-2015",
      "payment_certificate":"d396a0a9601dc88d23bba2224a41fe8c32676e2f",
      "presentation_date":"2015-02-18T16:12:01Z",
      "trans_id":"913509",
      "ext_trans_id":"87c092a8403747cb9b1486cfa34c3dcc",
      "sequence_number":"1",
      "trans_status":"CAPTURED"
    },
    {
      "amount":"6000",
      "operation_type":"DEBIT",
      "auth_number":"",
      "capture_delay":"0",
      "card_brand":"E CV",
      "card_number":"2004-838861-2015",
      "payment_certificate":"d396a0a9601dc88d23bba2224a41fe8c32676e2f",
      "presentation_date":"2015-02-18T16:12:01Z",
      "trans_id":"913509",
      "ext_trans_id":"87c092a8403747cb9b1486cfa34c3dcc",
      "sequence_number":"2",
      "trans_status":"CAPTURED"
    },
    {
      "amount":"5800",
      "operation_type":"DEBIT",
      "auth_number":"3fec1e",
      "capture_delay":"0",
      "card_brand":"CB",
      "card_number":"497010XXXXXX0000",
      "expiry_month":"6",
      "expiry_year":"2016",
      "payment_certificate":"010a2db1ef864d6584424c41512dd9ad678c785e",
      "presentation_date":"2015-02-18T16:12:13Z",
      "trans_id":"913509",
      "sequence_number":"3",
      "trans_status":"AUTHORISED"
    }
  ]
}
```

- Case 2: the buyer cancels a submitted e-Chèque-Vacance

Unlike in case 1, the value of the field "trans\_status" is set to CANCELLED to indicate the cancellation of the e-Chèque-Vacance by the buyer.

```
vads_payment_seq :{
  "trans_id":"913509",
  "transactions": [
    {
      "amount":"6000",
      "operation_type":"DEBIT",
      "auth_number":"",
      "capture_delay":"0",
      "card_brand":"E CV",
      "card_number":"2002-838861-2015",
      "payment_certificate":"d396a0a9601dc88d23bba2224a41fe8c32676e2f",
      "presentation_date":"2015-02-18T16:12:01Z",
      "trans_id":"913509",
      "ext_trans_id":"87c092a8403747cb9b1486cfa34c3dcc",
      "sequence_number":"1",
      "trans_status":"CANCELLED"
    },
    {
      "amount":"6000",
      "operation_type":"DEBIT",
      "auth_number":"",
      "capture_delay":"0",
      "card_brand":"E CV",
      "card_number":"2004-838861-2015",

```

```

"payment_certificate":"d396a0a9601dc88d23bba2224a41fe8c32676e2f",
"presentation_date":"2015-02-18T16:12:01Z",
"trans_id":"913509",
"ext_trans_id":"87c092a8403747cb9b1486cfa34c3dcc",
"sequence_number":"2",
"trans_status":"CAPTURED"
},
{
"amount":"11800",
"operation_type":"DEBIT",
"auth_number":"3fec1e",
"capture_delay":"0",
"card_brand":"CB",
"card_number":"497010XXXXXX0000",
"expiry_month":"6",
"expiry_year":"2016",
"payment_certificate":"010a2db1ef864d6584424c41512dd9ad678c785e",
"presentation_date":"2015-02-18T16:12:13Z",
"trans_id":"913509",
"sequence_number":"3",
"trans_status":"AUTHORISED"
}
]
}

```

#### Notes:

- If the payment by bank card is rejected, the value of the **"trans\_status"** field is set to **REFUSED**.

The payment gateway cancels the reservation of e-Chèques-Vacances on the ANCV server and the payment is canceled in its entirety.

- If the payment by bank card is accepted, the value of the field **"trans\_status"** is set to **AUTHORISED**.

The payment gateway definitively validates the reservation of e-Chèques-Vacances on the ANCV server. The payment by e-Chèques-Vacances and bank card is validated.

## 7. IDENTIFYING OPERATIONS AUTHORIZED ON TRANSACTIONS

---

In the Expert Back Office, there are several operations that can be performed with transactions.

In the list of transactions:

1. Select a transaction.
2. Right-click to view the list of authorized operations.

The authorized operations are:

- Cancel
- Edit the order reference
- Modify
- Capture manually

### 7.1. Canceling a transaction

---

The **Cancel** option is only available for the transactions that have not been captured.

1. Select a transaction with a right-click.
2. Select **Cancel**.
3. Confirm that you wish to definitively cancel the selected transaction.

The transaction status changes to **Canceled**.

#### **Note**

*It is possible to **cancel** several transactions at the same time.*

*For this, select all the transactions to be canceled. Press and hold down the **Ctrl key** and **click** for selecting multiple transactions.*

*After the selection, you can click **Cancel** using right-click or via the menu bar and confirm your choice.*

*The transaction statuses will change to **Canceled**.*

### 7.2. Editing the order reference

---

This operation allows the merchant to change the order reference.

To edit the order reference of a transaction:

1. Right-click the transaction.
2. Select **Edit the order reference**.
3. Enter the new order reference.
4. Click **OK**.



## 7.3. Modifying a transaction

---

The **Modify** option is only available for transactions with the following statuses:

- To be validated
- To be validated and authorized
- Waiting for authorization
- Waiting for capture

To modify a transaction:

1. Display the **Transactions in progress** tab
2. Right-click a e-Chèque-Vacances transaction.
3. Select **Modify**.

The **Edition of a transaction** dialog box appears.

4. Enter a new amount.

Unlike in the case of an immediate payment, as long as the transaction has not reached the presentation date, the merchant can modify the amount. The new amount must be lower than the initial amount.

5. Click on **Validate**.

If you wish, you may view the transaction details to see the applied changes (right-click the edited transaction **Display transaction details**).

It is possible to change the presentation date.

## 7.4. Capturing a transaction

---

*This operation is available during test phase. It is not available in production environment.*

The **Capture** option is only available for transactions that have not reached the presentation date.

To manually capture a transaction:

1. Display the **Transactions in progress** tab
2. Select a transaction with a right-click.
3. Select **Capture**.
4. Confirm that you wish to definitively capture the selected transaction.