

Whitelabel Requests

With the whitelabel requests, the details of the payment form (styling, placement on the page, JavaScript validation of inputs) are entirely up to the shop. It's only important to have the `redirect_url` as the action URL of the form and to have the correct names for the payment data input fields. Since the form then submits to our payment server, the shop server does not get into contact with sensitive data.

The first request is sent to the post interface:

- For test system : <https://test-heidelpay.hpcgw.net/ngw/post>
- For live system : <https://heidelpay.hpcgw.net/ngw/post>

The parameters are the same as for the POST interface and the shop can send all customer data that is already known (such as the address). The following additional parameters need to be sent:

Parameter FRONTEND	Data type	Length	Mandatory	Description
FRONTEND.ENABLED	true	5	yes	Switches the whitelabel on or off.
FRONTEND.MODE	WHITELABEL	16	yes	User has to enter payment data.
FRONTEND.RESPONSE_URL	URL	256	yes	The URL where the shop wants to receive the async response
FRONTEND.SUCCESS_URL	URL	256	no	The URL where the customer should be sent if the transaction is successful AND there is an error when sending the response
FRONTEND.FAILURE_URL	URL	256	no	The URL where the customer should be sent if the transaction is not successful AND there is an error when sending the response

If there is no validation error for the given parameters, the response to the first request will contain `FRONTEND.REDIRECT_URL`, as in the hCO case (see document "heidelpay-Developer guide-hCO_en" for details). This URL is not for an iframe, but needs to be used as the action URL of a form. The shop needs to display a POST form to the customer, with the returned URL as the action URL and input fields for all payment data that could not be sent in the first request (for example, because of PCI rules). Here is an example form for a credit card payment:

```
<form method="POST" action="redirect_url">
  Card number:
  <input type="text" name="ACCOUNT.NUMBER" /><br />
  Card brand:
  <select name="ACCOUNT.BRAND">
    <option value="VISA">Visa</option>
    <option value="MASTER">MasterCard</option>
  </select><br />
  Card holder:
  <input type="text" name="ACCOUNT.HOLDER" /><br />
  Expiry date:
  <select name="ACCOUNT.EXPIRY_MONTH" />select month</select>
  <select name="ACCOUNT.EXPIRY_YEAR" />select year</select><br />
  CVV:
  <input type="text" name="ACCOUNT.VERIFICATION" /><br />
  <input type="submit" name="pay" value="Pay now" />
</form>
```

When the customer submits the form, we process the transaction (it will be declined if the customer enters incorrect data). Then we send an async response to the shop and the shop returns

the URL where to redirect the customer. We then redirect the customer to this URL. If something goes wrong with the response, we redirect to the customer to either FRONTEND.SUCCESS_URL for a successful transaction or to FRONTEND.FAILURE_URL for a declined transaction. If the shop did not give the SUCCESS_URL/FAILURE_URL in the first request, we redirect the customer to FRONTEND.RESPONSE_URL (as a last fallback).

1.1 Example of whitelabel request data

First request to post interface <https://test-heidelpay.hpcgw.net/ngw/post>

```
RESPONSE.VERSION=1.0
IDENTIFICATION.TRANSACTIONID=MerchantAssignedID

SECURITY.SENDER=31HA07BC81714C94B2601AFFF618644E
USER.LOGIN=31ha07bc81714c94b26075a8e7db498d
USER.PWD=A7645CF2

TRANSACTION.MODE=CONNECTOR_TEST
TRANSACTION.RESPONSE=SYNC
TRANSACTION.CHANNEL=31HA07BC81714C94B2603CDF37C660F1

PAYMENT.CODE=DD.DB
PRESENTATION.AMOUNT=1.00
PRESENTATION.CURRENCY=EUR
NAME.GIVEN= NameGiven
NAME.FAMILY=FamilyName
ADDRESS.STREET=AddressStreet
ADDRESS.ZIP=69115
ADDRESS.CITY=Heidelberg
ADDRESS.STATE=BY
ADDRESS.COUNTRY=DE

FRONTEND.ENABLED=true
FRONTEND.MODE=WHITELABEL
```

In the case of valid request we should get a response back. Response should contain

```
POST.VALIDATION=ACK
PROCESSING.RESULT=ACK
FRONTEND.REDIRECT_URL= https://test-
heidelpay.hpcgw.net/ngw/whitelabel?state=81684b51fffffffffbdbaa451
```

Second request to whitelabel interface [https://test-
heidelpay.hpcgw.net/ngw/whitelabel?STATE=81684b51fffffffffbdbaa451](https://test-heidelpay.hpcgw.net/ngw/whitelabel?STATE=81684b51fffffffffbdbaa451)

```
ACCOUNT.HOLDER=AccountHolder
ACCOUNT.NUMBER=4149XXXXXXXXX0147
ACCOUNT.BRAND=VISA
ACCOUNT.EXPIRY_MONTH=12
ACCOUNT.EXPIRY_YEAR=2016
ACCOUNT.VERIFICATION=123
CONTACT.EMAIL=info@provider.com
CONTACT.IP=123.123.123.123
```