


# **Payment Page Certification Document**

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## Revision History

Revision	Date	Sign.	Detailed Description
PA1	2009-04-17	nhellstrom	First release
PA2	2009-06-03	nhellstrom	Introduced status type TIMEOUT. Updated TC2 and TC9 accordingly. Added TC27.
PA3	2011-03-31	nhellstrom	Added Direct Debit test cases. Reworked to fit Digital River transaction flow.
PA4	2011-07-01	rhalvorsen	Added Payout test case
PA5	2016-03-11	randersson	Replaced netgiro with DRWP.

## About

### Introduction

This is a general certification document for the DRWP (Digital River World Payments) Payment Page system. It covers all supported payment methods so some of these test cases may not apply to you. Please refer to <TestData.xls> for which test cases should be run. You will receive a customized version of <TestData.xls> before your actual certification.

Please enter test result in <TestData.xls> and order id/ids so that the transactions can be tracked and verified in DRWP's system. Please return the signed results to DRWP after finished testing.

All test cases below have a brief description on what they are supposed to cover as well as what test data to use. Card numbers and other card data are found in the attached document <TestData.xls>. All test cases have a described Action; this describes how to execute the actual test. The Expected result is what should happen if everything is OK. It is very important that everything in Expected result is consistent with the actual result. **This part of the test case often includes “received notification...”. If you are not configured to receive notifications please ignore this line.** Deviations to Expected result should be investigated, contact DRWP for support. When a test case is run and meets the expected result please enter **Pass** in the **Test Result** table found in <TestData.xls>. Some test cases are to be run several times with different data; this is described in the Action part.

For more information about Payment Page please refer to <Payment\_Page\_Integration\_Manual\_Digital\_River.pdf> found in the startkit

### Terms used

Merchant	The company using the DRWP Payment Page solution.
Consumer	The end user, customer of the merchant.

## Test cases

### Card payment

These test cases are to verify card payments. Most of these test cases should be run with every card type supported by your site.

**Note** that results should be recorded in the separate document <TestData.xls>

#### Card transaction without 3D Secure

Test Case ID	TC1
Description	<p>This test case verifies that card transactions can be performed. Several transaction types and several results need to be tested. These can all be found in &lt;TestData.xls&gt; along with expected result and data that has to be submitted when performing the test.</p> <p><b>OK</b> means that the transaction was successful.</p> <p><b>Retry</b> means that the consumer comes back to the [start.template] and gets to try again (until the maximum number of retries is reached. This limit is configurable).</p> <p><b>Various Answer Codes</b> are returned when transactions are performed through the API. For specification see separate API documentation.</p> <p><b>NOK</b> will not be an expected result in this test case.</p>
Test data	<p>[start.template]</p> <p>For card data and specific transaction types please refer to &lt;TestData.xls&gt;. Use all cards where:</p> <ul style="list-style-type: none"><li>• 3D Secure is <b>Not enrolled</b>.</li></ul>
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Enter card information.</li><li>3. Submit card information.</li></ol> <p><b>Note.</b> Redo this test case for all card types and transaction types supported by your site.</p>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with expected transaction status according to &lt;TestData.xls&gt;.</li><li>• <i>Received notification with payment details and expected status (for example a Debit transaction will generate a PAID notification. But an Authorize will generate a REGISTERED notification)</i></li><li>• Retry means the consumer is redirected back to start template to try again. This does <b>not</b> generate a notification.</li></ul>

### Declined card transaction, max retries reached

Test Case ID	<b>TC2</b>
Description	This test case verifies that you are set up to handle NOK card transactions. When max retries are reached the result is a declined transaction. Max retries is configurable.
Test data	[start.template] <ul style="list-style-type: none"><li>Any test card in &lt;TestData.xls&gt; with expected result <b>Retry</b>.</li></ul>
Action	<ol style="list-style-type: none"><li>Initiate payment to reach [start.template].</li><li>Enter card information.</li><li>Submit card information.</li><li>You will be returned to start.template with appropriate error message.</li><li>Enter card information again.</li><li>Submit again.</li><li>Redo until max retries are reached.</li></ol> <p><b>Note.</b> Default number of allowed retries is 5. This means that the 6<sup>th</sup> payment attempt will result in a NOK transaction.</p>
Expected result	<ul style="list-style-type: none"><li>Consumer is returned to merchant site with status NOK.</li><li><i>Received notification with status REGISTERED on the first attempt..</i></li></ul>

### Card transactions with 3D Secure authentication

Test Case ID	<b>TC3</b>
Description	This test case verifies that 3D Secure payments are configured and working correctly.
Test data	[start.template] [3ds_redirect.template] Test card data can be found in <TestData.xls> Use all cards where: <ul style="list-style-type: none"><li>3D Secure is <b>Enrolled</b>.</li></ul>
Action	<ol style="list-style-type: none"><li>Initiate payment to reach [start.template].</li><li>Enter card information.</li><li>Submit card information.</li><li>You will be redirected to [3ds_redirect.template] and from there to the Dummy ACS page.</li><li>Press <i>Continue</i>.</li></ol> <p><b>Note.</b> Redo this test case for all card types supported by your site and that have support for 3D Secure.</p>
Expected result	<ul style="list-style-type: none"><li>Consumer is returned to merchant site with expected transaction status according to &lt;TestData.xls&gt;.</li><li><i>Received notification with payment details and expected status.</i></li></ul>

### 3D Secure cancel before authentication

Test Case ID	<b>TC4</b>
Description	The consumer can press cancel at the bank and should then be returned to the start template.
Test data	[start.template] [3ds_redirect.template] Test data can be found in <TestData.xls> Use any card where: <ul style="list-style-type: none"><li>• 3D Secure is <b>Enrolled</b>.</li></ul>
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Enter card information.</li><li>3. Submit card information.</li><li>4. You will be redirected to [3ds_redirect.template] and from there to the Dummy ACS page.</li><li>5. Press <i>Cancel</i> at Dummy ACS page.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to [start.template].</li></ul> <b>Note.</b> This does <b>not</b> generate a notification.

### User cancel on [3ds\_redirect.template]

Test Case ID	<b>TC5</b>
Description	The consumer can press cancel at [3ds_redirect.template] and should then be returned to the start template.
Test data	[start.template] [3ds_redirect.template] Use any card where: <ul style="list-style-type: none"><li>• 3D Secure is <b>Enrolled</b>.</li></ul>
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Enter card information.</li><li>3. Submit card information.</li><li>4. Press <i>Cancel</i> at [3ds_redirect.template].</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to [start.template].</li></ul> <b>Note.</b> This does <b>not</b> generate a notification.



### Accepted card transaction, consumer lost

Test Case ID	<b>TC6</b>
Description	If a transaction is successful but the consumer is lost on his way back you will only receive a notification.
Test data	[start.template] Any test card in <TestData.xls> with expected result <b>OK</b>
Action	<ol style="list-style-type: none"><li>1. Set an invalid return URL (to simulate a merchant not returning).</li><li>2. Initiate payment to reach [start.template].</li><li>3. Enter card information.</li><li>4. Submit card information.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is <b>not</b> returned to merchant site, no response received.</li><li>• <i>Received notification with payment details and status PAID.</i></li><li>• The transaction will appear in the PCC after 10 minutes.</li></ul>

### Accepted and declined card payment on one order id

Test Case ID	<b>TC7</b>
Description	A consumer may double click or go back in the browser to attempt a payment again. This can result in several statuses for a single order. This test case verifies that you are set up to handle multiple responses on an order id.
Test data	[start.template] Any test card in <TestData.xls> with expected result <b>OK</b>
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Enter card information.</li><li>3. Submit card information.</li><li>4. Press back in the browser until the start template is reached again.</li><li>5. Submit card information again.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Two separate responses are delivered; the first will be OK and the second NOK.</li><li>• <i>Received notification with payment details and status PAID.</i></li></ul> <b>Note.</b> This is to be considered an accepted transaction since one result was OK.

### Timeout card transaction

Test Case ID	<b>TC27</b>
Description	This test case verifies that you are set up to handle TIMEOUT card transactions. When an order is timed out, an attempted payment results in a declined transaction. If you are not set up to use timeout please ignore this test case.
Test data	[start.template] <ul style="list-style-type: none"><li>• Any test card in &lt;TestData.xls&gt; with expected result <b>OK</b></li></ul>
Action	<ol style="list-style-type: none"><li>8. Initiate payment to reach [start.template] with a maximum timeout of 20 seconds.</li></ol>



	<ol style="list-style-type: none"><li>9. Wait a minimum of 30 seconds.</li><li>10. Enter card information.</li><li>11. Submit card information.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with status TIMEOUT.</li></ul> <p><b>Note.</b> This does <b>not</b> generate a notification Using Timeout=0 means that timeout is disabled.</p>

### Internet bank (IBP) payment with banklist in [start.template]

These test cases are to verify payments through internet banks where the list of available banks is displayed in the [start.template].

**Note** that results should be recorded in the separate document <TestData.xls>

#### Accepted IBP payment, banklist in [start.template]

Test Case ID	<b>TC8</b>
Description	This test case verifies that an IBP transaction can be performed. The list of available banks is stored in the [start.template]. This test case should be performed for every bank supported by your site; these can all be found in <TestData.xls>.
Test data	[start.template] [ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose Bank from list.</li><li>3. Press <i>Go to bank</i>.</li><li>4. You will be redirected to [ibp_redirect.template] and from there to the bank.</li><li>5. Perform payment.</li><li>6. Press <i>Back to merchant</i>.</li></ol> <b>Note.</b> Redo this test case for all banks supported by your site.
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with transaction status OK.</li><li>• <i>Received notification with payment details and status REGISTERED.</i></li><li>• <i>Received notification with payment details and status PAID.</i></li></ul>

#### Timeout IBP payment, banklist in [start.template]

Test Case ID	<b>TC9</b>
Description	<p>This test case verifies that you are set up to handle timed out transactions. When an order is timed out, an attempted payment results in a declined transaction. If you are not set up to use timeout please ignore this test case.</p> <p>The list of available banks is stored in the [start.template].</p>
Test data	[start.template] [ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template] with a maximum timeout of 20 seconds.</li><li>2. Wait a minimum of 30 seconds.</li><li>3. Choose Bank from list.</li><li>4. Press <i>Go to bank</i>.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with transaction status TIMEOUT.</li></ul> <p><b>Note.</b> This does <b>not</b> generate a notification Using Timeout=0 means that timeout is disabled.</p>

#### Cancel at bank, banklist in [start.template]

Test Case ID	<b>TC10</b>
Description	This test case verifies that you are set up to handle a consumer pressing cancel at the bank.
Test data	[start.template] [ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose bank and press <i>Go to bank</i>.</li><li>3. You will be redirected to [ibp_redirect.template] and from there to the bank.</li><li>4. Press <i>Cancel</i> at bank.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to [start.template].</li></ul> <p><i>Received notification with payment details and status REGISTERED.</i></p>

#### User cancel on [ibp\_redirect.template], banklist in [start.template]

Test Case ID	<b>TC11</b>
Description	The consumer can press cancel at [ibp_redirect.template]. This will result in a retry on the [start.template].
Test data	[start.template] [ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose Bank from list.</li><li>3. Press <i>Go to bank</i>.</li><li>4. Press <i>Cancel</i> at [ibp_redirect.template].</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to [start.template].</li></ul> <i>Received notification with payment details and status REGISTERED.</i>

#### Accepted IBP payment, consumer lost between DRWP and Merchant. Banklist in [start.template]

Test Case ID	<b>TC12</b>
Description	If a transaction is successful but the consumer is lost on his way back you will only receive a notification.
Test data	[start.template] [ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Set an invalid return URL (to simulate a merchant not returning)</li><li>2. Initiate payment to reach [start.template].</li><li>3. Choose Bank from list.</li><li>4. Press <i>Go to bank</i>.</li><li>5. You will be redirected to [ibp_redirect.template] and from there to the bank.</li><li>6. Perform payment.</li><li>7. Press <i>Back to merchant</i>.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is <b>not</b> returned to merchant site, no response received.</li><li>• <i>Received notification with payment details and status REGISTERED.</i></li><li>• <i>Received notification with payment details and status PAID.</i></li><li>• The transaction will appear in the PCC after 10 minutes as a Processed "Debit".</li></ul>

#### Accepted IBP payment, consumer lost at Bank. Banklist in [start.template]

Test Case ID	<b>TC13</b>
Description	If a consumer never returns from the bank the status of that transaction is unknown. To find out the status an AutoQuery is performed after a configurable time (default and minimum is 10 minutes). This transaction returns a <b>notification</b> informing about status.
Test data	[start.template] [ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose Bank from list.</li><li>3. Press <i>Go to bank</i>.</li><li>4. You will be redirected to [ibp_redirect.template] and from there to the bank.</li><li>5. Close browser without performing any payment.</li><li>6. Wait 10 minutes (or more if you have a different configuration).</li></ol>
Expected result	<ul style="list-style-type: none"><li>• <i>Does not generate notification.</i> (since no actual payment was made in this case the AutoQuery returns a NOK)</li><li>• The transaction will appear in the PCC 10 minutes after the AutoQuery (i.e. 20 minutes after you went to bank) as a Declined “Query”.</li></ul>

#### Accepted and declined IBP payment on one order id. Banklist in [start.template]

Test Case ID	<b>TC14</b>
Description	A consumer may double click or go back in the browser to attempt a payment again. This can result in several statuses for a single order. This test case verifies that you are set up to handle multiple responses on an order id.
Test data	[start.template] [ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose Bank from list.</li><li>3. Press <i>Go to bank</i>.</li><li>4. You will be redirected to [ibp_redirect.template] and from there to the bank.</li><li>5. Perform payment but do <b>NOT</b> press <i>Back to merchant</i>.</li><li>6. Press back in the browser until the start template is reached again.</li><li>7. Press <i>Go to bank</i> again.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with transaction status NOK.</li><li>• <i>Received notification with payment details and status REGISTERED.</i></li><li>• <i>Received notification with payment details and status PAID (after 10 minutes, when the AutoQuery finishes the first transaction).</i></li></ul> <p><b>Note.</b> This is to be considered an accepted transaction since one result was OK.</p>

### Internet bank (IBP) payment with local banklist

These test cases are to verify payments through internet banks where the list of available banks is stored at the merchant and the consumer chooses bank before being redirected to Payment Page. Note that no start template will be displayed; the consumer will come directly to the [ibp\_redirect.template].

**Note** that results should be recorded in the separate document <TestData.xls>

#### Accepted IBP payment, local banklist

Test Case ID	<b>TC15</b>
Description	This test case verifies that an IBP transaction can be performed. The consumer chooses bank before he is redirected to any template. This test case should be performed for every bank supported by your site; these can all be found in <TestData.xls>.
Test data	[ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [ibp_redirect.template] with the preferred bank specified in the redirect URL.</li><li>2. Press <i>Go to bank</i>.</li><li>3. You will be redirected to bank.</li><li>4. Perform payment.</li><li>5. Press <i>Back to merchant</i>.</li></ol> <b>Note.</b> Redo this test case for all banks supported by your site.
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with transaction status OK.</li><li>• <i>Received notification with payment details and status REGISTERED.</i></li><li>• <i>Received notification with payment details and status PAID.</i></li></ul>

#### Cancel at bank, local banklist (declined payment)

Test Case ID	<b>TC16</b>
Description	This test case verifies that you are set up to handle a consumer pressing cancel at the bank.
Test data	[ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [ibp_redirect.template] template.</li><li>2. Press <i>Go to bank</i>.</li><li>3. Press <i>Cancel</i> at bank.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with transaction status NOK.</li><li>• <i>Received notification with payment details and status REGISTERED.</i></li></ul>

#### User cancel on [ibp\_redirect.template], local banklist

Test Case ID	<b>TC17</b>
Description	The consumer can press cancel at [ibp_redirect.template]. This will result in return to merchant site.
Test data	[ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [ibp_redirect.template].</li><li>2. Press <i>Cancel</i> at [ibp_redirect.template].</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Response with status USERCANCEL.</li><li>• <i>Received notification with payment details and status REGISTERED.</i></li></ul>

#### ERROR IBP payment, local banklist

Test Case ID	<b>TC18</b>
Description	This test case verifies that an Error response is handled correctly for IBP transactions. To generate an error transaction; attempt a payment using a currency you are not configured to use. The consumer chooses bank before he is redirected to any template.
Test data	[ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Set the wrong currency.</li><li>2. Initiate payment to reach [ibp_redirect.template] with the preferred bank specified in the redirect URL.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with transaction status ERROR.</li><li>• <i>No notification received.</i></li></ul>

#### Accepted IBP payment, consumer lost between DRWP and Merchant, local banklist

Test Case ID	<b>TC19</b>
Description	If a transaction is successful but the consumer is lost on his way back you will only receive a notification.
Test data	[ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Set an invalid return URL (to simulate a merchant not returning).</li><li>2. Initiate payment to reach [ibp_redirect.template] with the preferred bank specified in the redirect URL.</li><li>3. Press <i>Go to bank</i>.</li><li>4. You should be redirected to bank.</li><li>5. Perform payment.</li><li>6. Press <i>Back to merchant</i>.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is <b>not</b> returned to merchant, no response received.</li><li>• <i>Received notification with payment details and status REGISTERED.</i></li><li>• <i>Received notification with payment details and status PAID.</i></li><li>• The transaction will appear in the PCC after 10 minutes as a Processed "Debit".</li></ul>



#### Accepted IBP payment, consumer lost at Bank, local banklist

Test Case ID	TC20
Description	If a consumer never returns from the bank the status of that transaction is unknown. To find out the status an AutoQuery is performed after a configurable time (default and minimum is 10 minutes). This transaction returns a <b>notification</b> informing about status.
Test data	[ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Set an invalid return URL (to simulate a merchant not returning).</li><li>2. Initiate payment to reach [ibp_redirect.template] with the preferred bank specified in the redirect URL.</li><li>3. Press <i>Go to bank</i>.</li><li>4. You will be redirected to bank.</li><li>5. Close browser without performing any payment.</li><li>6. Wait 10 minutes (or more if you have a different configuration).</li></ol>
Expected result	<ul style="list-style-type: none"><li>• <i>Received notification with payment details and status REGISTERED.</i> (since no actual payment was made in this case the AutoQuery returns a NOK)</li><li>• The transaction will appear in the PCC 10 minutes after the AutoQuery (i.e. 20 minutes after you went to bank) as a Declined "Query".</li></ul>

#### Accepted and declined IBP payment on one order id. Local banklist

Test Case ID	<b>TC21</b>
Description	A consumer may double click or go back in the browser to attempt a payment again. This can result in several statuses for a single order. This test case verifies that you are set up to handle multiple responses on an order id.
Test data	[ibp_redirect.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [ibp_redirect.template].</li><li>2. Press <i>Go to bank</i>.</li><li>3. Perform payment but do <b>NOT</b> press <i>Back to merchant</i></li><li>4. Press back in the browser until you reach the URL just before the [ibp_redirect.template].</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is returned to merchant site with transaction status NOK.</li><li>• <i>Received notification with payment details and status REGISTERED (immediately).</i></li><li>• <i>Received notification with payment details and status PAID (after 10 minutes, when the AutoQuery finishes the first transaction).</i></li></ul> <p><b>Note.</b> This is to be considered an accepted transaction since one result was OK.</p>

## Initiate EFT payment

These test cases are to verify initiation of EFT payments.

**Note** that results should be recorded in the separate document <TestData.xls>

### Initiated EFT payment

Test Case ID	<b>TC28</b>
Description	This test case verifies that the initiation of an EFT payment can be performed and result page is displayed properly. This test case should be performed for every EFT payment method supported by your site; these can all be found in <TestData.xls>.
Test data	[start.template], [result.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose an EFT payment method.</li><li>3. Submit.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is redirected to [result.template] with status PENDING (this status is not displayed but the transaction went well if you see payment instructions . <i>Received notification with payment details and status PENDING.</i></li><li>• <i>Note that the Result Template must be modified to display the merchants correct account number.</i></li></ul>

### Initiated EFT payment

Test Case ID	<b>TC29</b>
Description	This test case verifies that the initiation of an EFT payment can be performed result page displayed and a redirect back to merchant contains correct data. This test case should be performed for every EFT payment method supported by your site; these can all be found in <TestData.xls>.
Test data	[start.template], [result.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose an EFT payment method.</li><li>3. Submit.</li><li>4. Click "back to merchant button"</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is redirected to [result.template] which displays correctly.</li><li>• Once redirected back to merchant the response should contain the full result from the EFT transaction cryptated with the merchant's key. See general documentation on how to unpack the response.</li></ul>

### Initiated EFT payment, error

Test Case ID	<b>TC30</b>
Description	This test case verifies no payment info is presented if the EFT transaction fails.

	<p>This test case should be performed for every EFT payment method supported by your site; these can all be found in &lt;TestData.xls&gt;.</p> <p>A quick way to test this is by reusing an order id.</p>
Test data	[start.template], [result.template]
Action	<ol style="list-style-type: none"> <li>1. Initiate payment to reach [start.template].</li> <li>2. Choose an EFT payment method.</li> <li>3. Submit.</li> </ol>
Expected result	<ul style="list-style-type: none"> <li>• Consumer is redirected to [result.template] which displays an error message, no information on how to complete the payment.</li> </ul>

## Initiate Direct Debit payment

These test cases are to verify initiation of Direct Debit payments.

**Note** that results should be recorded in the separate document <TestData.xls>

### Initiated Direct Debit payment

Test Case ID	<b>TC31</b>
Description	This test case verifies that the initiation of a Direct Debit payment can be performed. This test case should be performed for every Direct Debit payment method supported by your site; these can all be found in <TestData.xls>.
Test data	[start.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose a Direct Debit payment method.</li><li>3. Enter suitable account number and branch code (found in &lt;TestData.xls&gt;)</li><li>4. Submit.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is redirected back to merchant with status PENDING.</li><li>• <i>Received notification with status REGISTERED</i></li></ul>

## Initiate Payout

These test cases are to verify initiation of a payout referring to a previous payment.

**Note** that results should be recorded in the separate document <TestData.xls>

### Initiated Payout

Test Case ID	<b>TC32</b>
Description	This test case verifies that the initiation of a Payout can be performed.
Test data	[start.template]
Action	<ol style="list-style-type: none"><li>1. Initiate refund, using an order ID that previously has been used for a successful payment, to reach [start.template].</li><li>2. Enter bank account information (found in &lt;TestData.xls&gt;)</li><li>3. Submit.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Consumer is redirected back to merchant with status PENDING.</li><li>• <i>Received notification with status REGISTERED</i></li></ul>

## General tests

### User cancel on [start.template]


Test Case ID	<b>TC22</b>
Description	The consumer can press cancel at [start.template]. This will result in return to merchant site.
Test data	[start.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Press <i>Cancel</i>.</li></ol>
Expected result	<ul style="list-style-type: none"><li>• Response with status USERCANCEL.</li><li>• <i>No notification</i>.</li></ul>

### TemplateRef

Test Case ID	<b>TC23</b>
Description	Different templates can be accessed by using TemplateRef. You should test all TemplateRefs that will be used.
Test data	Templates with different TemplateRefs.
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach templates using all available TemplateRefs, as well as using none.</li><li>2. Make sure to test the entire flow of templates including [ibp_redirect.template] and/or [3ds_redirect.template]</li></ol>
Expected result	<ul style="list-style-type: none"><li>• All available templates should be accessible.</li></ul> <p><b>Note.</b> If a template with ref is not found the default template will be displayed instead as described in &lt;Payment_Page_Integration_Manual_Digital_River.pdf&gt;. If none of the templates are found then PaymentPage will send an ERROR response.</p>

### Postredirect for IBP merchant

Test Case ID	<b>TC24</b>
Description	A different template can be shown if the consumer is redirected away from PaymentPage (to an internet bank for payment or for 3D Secure) and is then redirected back to Payment Page. This template must have a "postredirect" keyname as described in <Payment_Page_Integration_Manual_Digital_River.pdf>.
Test data	[start.template] [ibp_redirect.template] [postredirect_start.template]
Action	<ol style="list-style-type: none"><li>1. Initiate payment to reach [start.template].</li><li>2. Choose bank and press <i>Go to bank</i>.</li><li>3. Press <i>Cancel</i> at bank.</li></ol>



Expected result	<ul style="list-style-type: none"><li>The consumer is redirected back to PaymentPage but will see [postredirect_start.template] instead of the original [start.template].</li></ul> <p><b>Note.</b> If the [postredirect_start.template] is not found the [start.template] will be displayed instead.</p>
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### Postredirect for 3D Secure merchant

Test Case ID	<b>TC25</b>
Description	A different template can be shown if the consumer is redirected away from PaymentPage (for 3D Secure authorization at a bank or for internet bank payment) and is then redirected back to Payment Page. This template must have a “postredirect” keyname as described in <Payment_Page_Integration_Manual_Digital_River.pdf>.
Test data	[start.template] [3ds_redirect.template] [postredirect_start.template] 3D Secure <b>Enrolled</b> card number found in <TestData.xls>.
Action	1. Initiate payment to reach [start.template]. 2. Enter 3D Secure <b>Enrolled</b> card number 3. Submit card information. 4. You will be redirected to [3ds_redirect.template] and from there to the Dummy ACS page. 5. Press <i>Cancel</i> at Dummy ACS page.
Expected result	<ul style="list-style-type: none"><li>The consumer is redirected back to Payment Page but will see [postredirect_start.template] instead of the original [start.template].</li></ul> <b>Note.</b> If the [postredirect_start.template] is not found the [start.template] will be displayed instead.

### Language support

Test Case ID	<b>TC26</b>
Description	The same template can support different languages as well as countries. You should test all language combinations that will be used.
Test data	All language files [strings.properties]. All templates.
Action	1. Initiate payment to reach all templates using all combinations of language and country that should be supported. 2. Note that some phrases only appear in a certain template and under certain conditions (like when wrong card number is entered or when the consumer is returned to the template because of temporary error), it is important to test all templates that will be used with as many combinations as possible.
Expected result	<ul style="list-style-type: none"><li>All language specific phrases in all templates should appear in the language intended.</li></ul> <b>Note.</b> If a certain language file (for example [strings_sv.properties]) cannot be found the default file [strings.properties] will be used instead.