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Ingenico Cartridge

Test scenarios

version 21.2.0

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# Test cases

## Test case: Checkout – Valid (Inline) Credit Card payment

Summary:

In the checkout flow, the customer selects the ‘credit card inline via Worldline’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Credit Card Inline via Ingenico” - e-mail address: a valid e-mail address  Fill in the following credit card data:  - Card number: 5424180279791732  - Name: anything (“John Doe”)  - expiration date: any date in the future  - CVV: any 3 numbers (“123”)  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | The order confirm page is displayed. On this page, the order summary lists “credit” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 3 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 3 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 4 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Failed Credit Card payment

Summary:

In the checkout flow, the customer selects the ‘credit card inline via Ingenico’ payment method and the payment transaction fails.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Credit Card Inline via Ingenico” - e-mail address: a valid e-mail address  Fill in the following credit card data:  - Card number: 4775889400000171  - Name: anything (“John Doe”)  - expiration date: any date in the future  - CVV: 114  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order and confirm the transaction. | The checkout page is shown with an error message indicating the payment was unsuccessful.  In the Business Manager the order should have the following statuses:  - Order Status: Failed - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 3 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 4 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 5 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Failed - Confirmation Status: Not Confirmed - Export Status: Not Export - Payment Status: Not Paid |

Graphical user interface, application

Description automatically generated

## Test case: Checkout – Valid Credit Card payment via hosted payment pages

Summary:

In the checkout flow, the customer selects the ‘Credit Card via Ingenico’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Credit Card via Ingenico” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | Redirected to the hosted payment page of Ingenico. |
| 3 | Fill in the following credit card data:  - Card number: 5424180279791732  - Name: anything (“John Doe”)  - expiration date: any date in the future  - CVV: any 3 numbers (“123”)  Continue the payment. | The order confirm page is displayed. On this page, the order summary lists “credit” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Failed Credit Card payment via hosted payment page

Summary:

In the checkout flow, the customer selects the ‘Credit Card via Ingenico’ payment method and the payment transaction fails.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Credit Card via Ingenico” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | Redirected to the hosted payment pages of Ingenico. |
| 3 | Fill in the following credit card data:  - Card number: 4775889400000171  - Name: anything (“John Doe”)  - expiration date: any date in the future  - CVV: 114  Continue the payment. | The user is redirected to the payment step of the checkout with an error message. |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Failed - Confirmation Status: Not Confirmed - Export Status: Not Export - Payment Status: Not Paid |

## Test case: Checkout – Valid iDEAL payment

Summary:

In the checkout flow, the customer selects the ‘iDEAL’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* Since iDEAL is only available in the Netherlands, the country for the billing address should be set to the Netherlands.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “iDEAL”  - bank: select one of the listed issuers - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | The iDEAL simulator page is displayed. |
| 3 | Confirm the transaction | The order confirm page is displayed. On this page, the order summary lists “iDEAL” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Valid Paysafecard payment

Summary:

In the checkout flow, the customer selects the ‘Paysafecard’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Paysafecard” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | The Paysafecard simulator page is displayed. |
| 3 | * Use PIN 0000 0000 0990 0828 * Agree to the terms and conditions * Click on Pay | Redirected to confirmation page. |
| 4 | Confirm the transaction | The order confirm page is displayed. On this page, the order summary lists “Trustly” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Valid Sofort payment

Summary:

In the checkout flow, the customer selects the ‘Sofort’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* Since Sofort is only available in certain countries, the country for the billing address should be set to a country that supports Sofort such as Germany.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Sofort” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | The Sofort simulator page is displayed. |
| 3 | * Use ‘Demo Bank’ as bank name * Fill in ‘test’ as account number and PIN * Click on continue button and following the instructions. | Redirected to confirmation page. |
| 4 | Confirm the transaction | The order confirm page is displayed. On this page, the order summary lists “Sofort” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Valid Trustly payment

Summary:

In the checkout flow, the customer selects the ‘Trustly’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Trustly” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | The Trustly simulator page is displayed. |
| 3 | Confirm the transaction | The order confirm page is displayed. On this page, the order summary lists “Trustly” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Valid PayPal payment

Summary:

In the checkout flow, the customer selects the ‘PayPal’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “PayPal” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | The PayPal simulator page is displayed. |
| 3 | Confirm the transaction | The order confirm page is displayed. On this page, the order summary lists “PayPal” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Failed PayPal payment

Summary:

In the checkout flow, the customer selects the ‘PayPal’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “PayPal” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | The PayPal simulator page is displayed. |
| 3 | Click on ‘Cancel and return to Globalcollect’ button. Graphical user interface, text, application, email  Description automatically generated | The checkout page is shown with an error message indicating the payment was unsuccessful.  In the Business Manager the order should have the following statuses:  - Order Status: Failed - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | In the Business Manager, open the “Manage Custom Objects” page and wait until an ingenicoNotification for the correct order Number is shown. This usually takes a couple of minutes, but might take longer on a testing environment. | A Custom Object ingenicoNotification with property “order number” set to the order that was created is listed. |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Failed - Confirmation Status: Not Confirmed - Export Status: Not Export - Payment Status: Not Paid |

## Test case: Checkout – Valid Google payment via checkout page

Summary:

In the checkout flow, the customer selects the ‘Google Pay’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Google Pay” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | A Google Payment sheet is displayed. |
| 3 | Click on the ‘Pay’ button. | Payment sheet is closed successfully. |
| 4 | Confirm the order. | The order confirm page is displayed. On this page, the order summary lists “Payment Method: Google Pay” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Valid Google payment via cart page

Summary:

On the cart page, the customer selects the ‘Google Pay’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | On the cart page, click on the ‘Google Pay’ button. | A Google Payment sheet is displayed. |
| 2 | Click on the ‘Pay’ button. | Payment sheet is closed successfully. |
| 3 | Place the order and confirm the order. | The order confirm page is displayed. On this page, the order summary lists “Payment Method: Google Pay” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Valid Google payment via product detail page

Summary:

On the product details page, the customer chooses to pay with ‘Google Pay’ and successfully completes the payment transaction.

Preconditions:

* Product is ready to be added to the cart
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | On the cart page, click on the ‘Google Pay’ button. | A Google Payment sheet is shown. |
| 2 | Click on the ‘Pay’ button. | Payment sheet is closed successfully. |
| 3 | Place the order and confirm the order. | The order confirm page is displayed. On this page, the order summary lists “Payment Method: Google Pay” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 4 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 5 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |

## Test case: Checkout – Valid Apple Pay payment via checkout page

Summary:

In the checkout flow, the customer selects the ‘Apple Pay’ payment method and successfully completes the payment transaction.

Preconditions:

* At least one product should be added to the cart.
* On the checkout page, the shipping address and billing address are filled in correctly.
* The “requiresApproval” setting on the payment processor should be false.
* The Job “ProcessIngenicoWebhooks” should not be scheduled.

### Steps:

|  |  |  |
| --- | --- | --- |
| # | Step action | Expected results |
| 1 | In the checkout payment stage, select the following:  - payment method: “Apple Pay” - e-mail address: a valid e-mail address  Next, submit the payment stage. | The next checkout stage, placeOrder is displayed. |
| 2 | Place the order. | An Apple Payment sheet is shown. |
| 3 | Click on the ‘Pay’ button. | Payment sheet is closed successfully. |
| 4 | Confirm the order. | The order confirm page is displayed. On this page, the order summary lists “Apple Pay” as the selected Payment.  In the Business Manager the order has the following statuses:  - Order Status: Created - Confirmation Status: Not Confirmed - Export Status: Not Exported - Payment Status: Not Paid |
| 5 | Manually run the Job “ProcessIngenicoWebhooks”. | The Job runs without errors. |
| 6 | In the Business Manager, open the Order details screen. | The order has the following statuses:  - Order Status: Open - Confirmation Status: Confirmed - Export Status: Ready for Export - Payment Status: Paid |