

## MobilePay

### Overview

Checkout can be used to accept MobilePay payments.

Integration options supported: Hosted payment page (HPP) or IFRAME.

This guide requires familiarity with [Accepting payments](#).

### Integrate MobilePay via Checkout

Parameters	Type	Required	Description
currency_code	String	Yes	Supported currencies: EUR, NOK, SEK, DKK
amount	Integer	Yes	Transaction amount
payment_contract_id	String	Yes	Payment Provider Contract ID obtained from Verifone Central interface
customer	String	Yes	Required only if three_d_secure contract is applied and the transaction needs 3DS validation
app_phone_number	String	No	Phone number of the shopper. Max 18 characters.
dynamic_descriptor	String	No	Short text to be displayed on the bank statement of the cardholder. Support varies per Payment Contract (<= 25 characters)
capture_now	Boolean	No	Used for separate authorization and capture
card	Object	No	Payment configuration needed in case of 3DS or Authorization type

### Authorization and capture

MobilePay transactions through the Checkout can be used to do a sale (`capture_now = true`) or to authorize without capturing immediately (`capture_now = false`). An authorized payment reserves the money and allows you to capture the funds at a later stage.

Sending a checkout request using MobilePay payment method:

```
{
  "currency_code": "EUR",
  "entity_id": "87db5a22-9e9e-4b71-9c61-6fb4f6628833",
  "customer": "4b32a5ef-dd84-45ba-81ae-f676ef032580",
  "configurations": {
    "mobile_pay": {
      "dynamic_descriptor": "Demo Description",
      "capture_now": false,
      "payment_contract_id": "e0a66743-fae4-4e59-a052-81f4729be299",
      "card": {
        "sca_compliance_level": "WALLET",
        "authorization_type": "FINAL_AUTH",
        "three_secure": {
          "enabled": true,
          "threads_contract_id": "86611b72-a870-428a-b436-8bee474e7132",
          "total_items": "01",
          "transaction_mode": "S"
        }
      }
    }
  },
  "amount": 850,
  "merchant_reference": "TEST 123",
  "return_url": "https://test.url.com",
  "interaction_type": "HPP"
}
```

## Special conditions during purchase experience

### 1. The user initiates the purchase in a browser that is not the default one on their phone.

If a user initiates the purchase in a browser that is not the default one on their phone, and then they switch to MobilePay and accept the payment, the app will redirect to the merchant's URL which will always open in the default browser, even if it is not the same browser where the payment was initiated.

The MobilePay app cannot decide which browser is used, or redirect back to the first browser if that is not the default one.

In this case, as a merchant, you cannot rely on session objects and only rely on the data in the Redirect to show a confirmation page.

### 2. The user breaks the flow and does not return at all by closing the browser.

The user initiates the purchase and switches to MobilePay to accept the payment. Before the switch to merchant URL, the user closes MobilePay and/or browser.

The payment is successful and as a merchant you should complete the order based on the information from callbacks.

## Handling responses

Whenever a card payment is processed via the Checkout, the responses events would contain additional fields specific to card payments in the **details** object.

Example of **successful checkout** via the Checkout:

- [Nets Integration](#)
- [Interac Integration](#)

```
[
  {
    "type": "TRANSACTION_INITIATED",
    "id": "e66df672-385a-43fe-812a-f4866135f977",
    "timestamp": "2021-10-14T11:37:17.533Z",
    "details": {
      "amount": 850,
      "blocked": false,
      "created_at": "2021-10-14T11:37:16.509608Z",
      "customer": "4b32a5ef-dd84-45ba-81ae-f676ef032580",
      "details": {
        "auto_capture": false
      }
    },
    "merchant_reference": "80dc4e7b-e90e-4f8d-bdfe-9c51d2ccdbcb",
    "status": "INITIATED",
    "created_by": "b2ee94dd-cfbd-4cea-8c4b-d026ad79eac8",
    "geo_location": [
      20.0063,
      77.006
    ],
    "country_code": "NL",
    "id": "c0ac5d4d-c958-41d4-9b8f-0edf91e08d78",
    "redirect_url": "https://sandprod-products.mobilepay.dk/remote-website/index.html?page=request&id=9bd2daa5-b4f4-4978-9elf-6209c6bacb8e",
    "processor": "NETS",
    "payment_product": "CARD",
    "payment_product_type": "Unknown"
  },
  {
    "type": "TRANSACTION_SUCCESS",
    "id": "a545e11f-1fa5-4a33-bdb0-acfalec4334d",
    "timestamp": "2021-10-14T11:38:42.721Z",
    "details": {
      "id": "c0ac5d4d-c958-41d4-9b8f-0edf91e08d78",
      "processor_reference": "141138001504",
      "status": "AUTHORISED",
      "authorization_code": "061984",
      "cvv_result": null,
      "details": {
        "mid": "746025"
      }
    },
    "reason_code": "0000",
    "rrn": "141138001504",
    "stan": "1504",
    "additional_data": {
      "acquirer_response_code": "00",
      "initiator_trace_id": "1504"
    }
  }
]
```

```
{
  "id": "14f073a3-a45e-4991-ba56-9eeff1ea601c",
  "events": [
    {
      "type": "VISITED",
      "id": "32caff1f-370b-4ed0-bbc5-a31600f1ad74",
    }
  ]
}
```

```

"timestamp": "2022-11-18T10:37:30.353Z"
},
{
  "type": "SUBMITTED",
  "id": "25d7f75f-65df-4d09-8a6b-1a04ef7b2249",
  "timestamp": "2022-11-18T10:37:38.913Z"
},
{
  "type": "TRANSACTION_INITIATED",
  "id": "8bac9557-2e9e-4d4d-9c2b-c9be10789329",
  "timestamp": "2022-11-18T10:37:40.529Z",
  "details": {
    "amount": 5000,
    "blocked": false,
    "created_at": "2022-11-18T10:37:39.819682Z",
    "customer": "deebacec-cd75-4ce5-9641-bfc40de5710d",
    "details": {
      "auto_capture": false
    }
  },
  "merchant_reference": "20021165432",
  "status": "INITIATED",
  "created_by": "0bc5a545-6bbf-49b1-alb8-ef533f47cf71",
  "geo_location": [
    12.9719,
    77.5937
  ],
  "city": "Bengaluru",
  "country_code": "FI",
  "id": "3533b6de-8bdb-4e03-a7ce-4851218af114",
  "redirect_url": "https://sandprod-products.mobilepay.dk/remote-website/index.html?page=request&id=feleecc2-9dde-42a7-b368-6c3122064370",
  "processor": "INTERCARD",
  "payment_product": "CARD",
  "payment_product_type": "Unknown"
}
}

```

**Note:** Intercard integration will be available starting with 2023.

- **Note:** To ensure that the redirection request was not tampered with, always check that the `transaction_id` received as query parameter in the redirection matches the `transaction_id` property of the retrieved Checkout. If those are not matching, this is indication of either an incorrect integration, that the redirection to your `return_url` did not originate from Verifone, or `transaction_id` was tampered with.
- You can now store the `transaction_id` value together with the order `1234` in your system to link the two together.

### Scenarios

The table below describes the different outcomes of a Checkout. A full list [error codes](#) are available.

Description	Result	Merchant action
Failed transaction*	Redirect: <code>checkout_id={checkout_id} &amp; transaction_id={transaction_id} &amp; errorCode=123</code>	Unsuccessful payment (technical reason), do not display order confirmation

Description	Result	Merchant action
Successful transaction	Redirect: <code>checkout_id={checkout_id} &amp; transaction_id={transaction_id}</code>	Display order confirmation
Customer visits the URL of an already completed Checkout	Redirect: <code>checkout_id={checkout_id} &amp; errorCode=168</code>	Display corresponding message to the customer. Checkout is completed whenever there was a single successful payment processed through it.
Customer visits the URL of an expired Checkout	Redirect: <code>checkout_id={checkout_id} &amp; errorCode=169</code>	Display corresponding message to the customer. Checkout is expired whenever the <code>expiry_time</code> is reached.
Customer visits the URL of a Checkout which has reached the maximum of failed payment attempts	Redirect: <code>checkout_id={checkout_id} &amp; errorCode=165</code>	Display corresponding message to the customer. Payments through a single Checkout can be attempted up to three times unsuccessfully.
Form validation errors / Other service failures on the Checkout page	Displays error alert to Customer on the page	Customer is prompted to correct their form input and retry the payment or try using an alternate card or payment method

\*Failed transaction - Depending on which step in the payment process failed, the `transaction_id` might not always be present as the query parameter.