

# Generate Deposit Link (HPP)

★ Ask AI ▾

**POST** <https://hpp.getorbital.io/invoice/deposit>

Use this endpoint to generate an Orbital-hosted Payment Page (HPP) link that you can share with your payer to complete a cryptocurrency deposit. The page handles wallet selection, deposit instructions, and QR code generation, you don't need to build your own payment flow

## Payer and Entity Types

Select the appropriate payer and entity type based on your customer's details and compliance requirements.

### Payer Types:

- **Individual Payer:** A single person paying (e.g. John Doe).
- **Corporate Payer:** A business or organization paying (e.g. Acme Corp).

### Entity Types:

- **PPOU - Pay perform OÜ (Estonia- EU)** — for virtual currency services and crypto transactions that fall under Estonian/EU Travel Rule compliance.
- **PPDL - Pay Perform Digital Limited (Gibraltar)** — for Distributed Ledger Technology (DLT) services and digital asset transactions that fall under Gibraltar's Travel Rule compliance framework.

See [Travel Rule](#) for more information

## Body Params

INDIVIDUAL PAYER (PPOU) ▾

**externalId** string **required**

ExternalID374785

**Unique ID** for the transaction generated by the merchant. Each request requires a **new** externalId; reusing one is not allowed.

**notifyUrl** string **required**

http://notify.com

Merchant webhook URL to receive payment notifications.

<b>returnUrl</b> string <b>required</b>	<input type="text" value="https://return.url"/>
URL to redirect payer after completing the deposit.	
<b>currency</b> string enum	<input type="text" value="USDT"/>
The cryptocurrency to be transferred by the payer.	
Allowed: <input type="text" value="USDT"/> <input type="text" value="USDC"/> <input type="text" value="ETH"/> <input type="text" value="BTC"/> <input type="text" value="LTC"/> <input type="text" value="BCH"/>	
<b>currencyFilter</b> string enum	<input type="text" value="stablecoin"/>
Filters and displays only stablecoins (e.g., USDT, USDC). If omitted, all supported cryptocurrencies are shown.	
<b>Note:</b> Do not use with the <b>currency</b> or <b>mainCurrency</b> field.	
Allowed: <input type="text" value="stablecoin"/>	
<b>mainCurrency</b> string	<input type="text" value="ETH"/>
The blockchain network required for stablecoin deposits (USDT or USDC).	
For e.g, if <b>USDT</b> is specified in the <b>currency</b> field and <b>TON</b> here, it signifies USDT on TON <b>USDT-TON</b> .	
Allowed networks for USDT: <input type="text" value="TRX"/> , <input type="text" value="ETH"/> , <input type="text" value="MATIC"/> , <input type="text" value="TON"/> , <input type="text" value="BNB"/> .	
Allowed networks for USDC: <input type="text" value="SOL"/> , <input type="text" value="ETH"/> , <input type="text" value="MATIC"/> , <input type="text" value="TRX"/> , <input type="text" value="BNB"/> .	
<b>sourceAmount</b> string	<input type="text" value="1000"/>
The amount of cryptocurrency being sent.	
<b>targetCurrency</b> string enum	<input type="text" value="USD"/>
The fiat currency in which the merchant will be credited.	
<ul style="list-style-type: none"><li>If <b>targetCurrency</b> is set, a <b>crypto-fiat conversion</b> occurs.</li><li>If omitted, no conversion occurs, and the deposit is made in the cryptocurrency specified in the <b>currency</b> field.</li></ul>	
Allowed: <input type="text" value="USD"/> <input type="text" value="GBP"/> <input type="text" value="EUR"/>	
<b>targetAmount</b> string	<input type="text" value="950"/>
Amount in <b>targetCurrency</b> that the merchant will receive after conversion.	
<b>cashierCurrency</b> string enum	<input type="text" value="USD"/>
The currency in which the payer's balance is displayed on the merchant platform.	
<input type="button" value="+ Show 31 enum values"/>	
<b>cashierAmount</b> string	<input type="text" value="1000"/>
Amount in <b>cashierCurrency</b> that is reflected on the payer's balance in the merchant platform.	
<b>logoImage</b> string	<input type="text" value="https://hpp.coinflc"/>
Merchant's logo image in <b>PNG</b> or <b>SVG</b> format.	

<b>productImage</b> string Product image in <code>JPG</code> format to display on the deposit screen.	<input type="text" value="https://hpp.coinflc"/>
<b>primaryColor</b> string Primary button color in <code>HEX</code> , <code>RGB</code> , or <code>RGBA</code> format.	<input type="text" value="#FF5733"/>
<b>secondaryColor</b> string Secondary button color in <code>HEX</code> , <code>RGB</code> , or <code>RGBA</code> format.	<input type="text" value="#C70039"/>
<b>refundAddress</b> string Optional refund wallet address provided by the payer.	<input type="text" value="1FfmbHfnpaZjKFv"/>
<b>locale</b> string enum Default language for the user interface. <input type="button" value="+ Show 63 enum values"/>	<input type="text" value="en-US"/>
<b>firstName</b> string <b>required</b> length ≤ 100 Payer's first name.	<input type="text" value="John"/>
<b>lastName</b> string <b>required</b> length ≤ 100 Payer's last name. <b>Note:</b> For customers in countries where last names are not available, pass <code>LNU</code> (Last Name Unavailable) in this field.	<input type="text" value="Doe"/>
<b>dateOfBirth</b> string <b>required</b> Payer's date of birth ( <code>YYYY-MM-DD</code> ).	<input type="text" value="1998-10-30"/>
<b>email</b> string Payer's email address.	<input type="text" value="john.doe@exampl"/>
<b>streetName</b> string <b>required</b> length ≤ 70 Street name of the payer's address.	<input type="text" value="hogwarts"/>
<b>buildingNumber</b> string <b>required</b> length ≤ 16 Building number of the payer's address.	<input type="text" value="012211"/>
<b>townName</b> string length ≤ 35 Town of the payer's address.	<input type="text" value="London"/>
<b>postcode</b> string length ≤ 16 Postal code of the payer's address.	<input type="text" value="40122"/>
<b>countryOfResidence</b> string <b>required</b> The country where the payer's resides ( <code>ISO-3166-1 alpha-2</code> ).	<input type="text" value="GB"/>
<b>identificationType</b> string enum <b>required</b> The type of identification used for the payer. Allowed: <input type="text" value="nationalRegistration"/> <input type="text" value="placeOfBirth"/>	<input type="text" value="nationalRegi..."/>

<p><b>placeOfBirth</b> string length ≤ 70</p> <p>Payer's place of birth.</p> <p>Required if <code>identificationType</code> is <code>placeOfBirth</code>.</p>	<input type="text" value="London"/>
<p><b>documentNumber</b> string length ≤ 35</p> <p>Identification document number.</p> <p>Required if <code>identificationType</code> is <code>nationalRegistration</code>.</p>	<input type="text" value="1234567890"/>
<p><b>documentType</b> string enum</p> <p>Identification document.</p> <p>Required if <code>identificationType</code> is <code>nationalRegistration</code>.</p> <p><a href="#">+ Show 9 enum values</a></p>	<input type="text" value="Passport"/>
<p><b>documentCountryOfIssue</b> string</p> <p>The country that issued the identification document (ISO-3166-1 alpha-2 code).</p> <p>Required if <code>identificationType</code> is <code>nationalRegistration</code>.</p>	<input type="text" value="GB"/>
<p><b>customerId</b> string length ≤ 50</p> <p>The internal ID for the payer.</p>	<input type="text" value="CUST-12345"/>
<p><b>format</b> string</p> <p>Indicates if the response should be in JSON format and respond with only the URL.</p>	<input type="text" value="json"/>
<p><b>personType</b> string Defaults to <code>naturalPerson</code></p> <p>Indicates the type of payer. Can be <code>naturalPerson</code> or <code>legalPerson</code>.</p>	<input type="text" value="naturalPerson"/>

### Responses

- **200**

Successful Deposit Invoice creation >
- **400**

Validation error - missing or invalid request parameters. >
- **401**

Unauthorized – API key is missing or invalid. >

### LANGUAGE

  
 Shell

  
 Node

  
 Ruby

  
 PHP

  
 Python



### CREDENTIALS ⓘ

Header	x-api-key	
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HEADER ⓘ

cURL Request ▾

Examples ▾

```
1 curl --request POST \  
2   --url https://hpp.getorbital.io/invoice/deposit \  
3   --header 'accept: application/json' \  
4   --header 'content-type: application/json' \  
5   --data '  
6 {  
7   "identificationType": "nationalRegistration",  
8   "currencyFilter": "stablecoin"  
9 }  
10 '
```

RESPONSE

Try It!

Click [Try It!](#) to start a request and see the response here! Or choose an example:

application/json

200

400

401

 Updated 7 months ago

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