

# V2 Merchant API

## V1.6

**Version:** 1.6

**Prepared by:** IP Payment Solutions (IPPS)

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## Revision Change Record

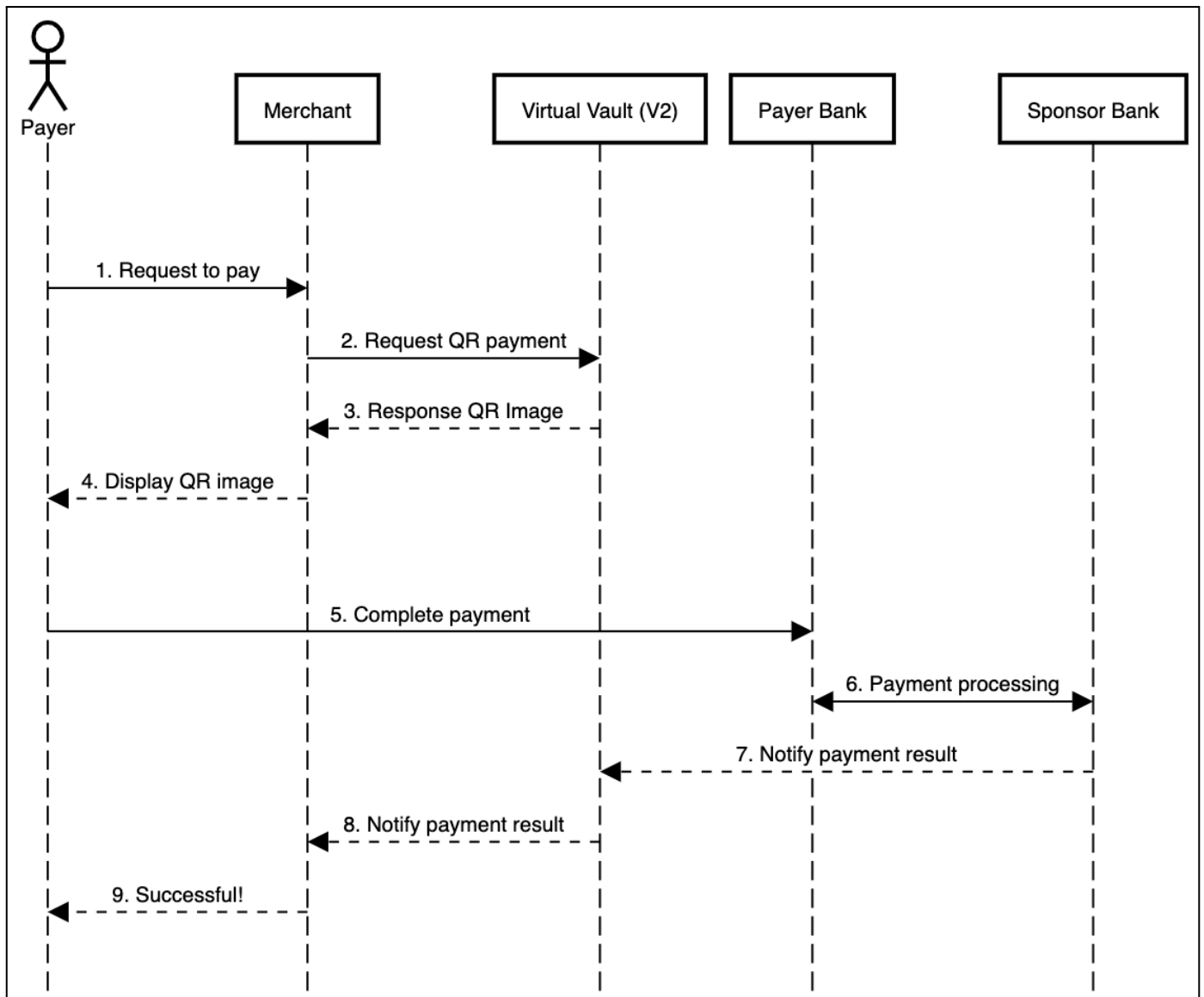
Version	Author	Date	Change reference
1.0	Nakarin Ta.	15/06/2023	Initial document.
1.1	Nakarin Ta.	04/07/2023	Improve request QR to support Flybridge Money.
1.2	Nakarin Ta.	25/09/2023	Add fields to get transaction status. <ul style="list-style-type: none"><li>- transaction_type</li><li>- transaction_sub_type</li><li>- transaction_detail</li></ul> Add fields to callback of paylink <ul style="list-style-type: none"><li>- transaction_type</li><li>- transaction_sub_type</li></ul> Add field to get balance API <ul style="list-style-type: none"><li>- e_payment_available_reserve</li></ul>
1.3	Nakarin Ta.	26/09/2023	Add API Service <ul style="list-style-type: none"><li>- Send Money Verify</li></ul> for transfer money to bank
1.4	Nakarin Ta.	10/10/2023	Remove field to get balance API <ul style="list-style-type: none"><li>- e_payment_available_reserve</li></ul> Improve sequence diagram 1 - 3
1.5	Kaiwan Ho.	23/01/2024	remove comment about obsolete parameter : API 3.2 get transaction status  change maximum amount of online send money to 2M. and comment on AMLO report.  change typesaction_type used in check status for send_money from settlement to withdraw ...

1.6	Nakarin Ta.	13/02/2024	Add status code to api check status and improve transaction status table.

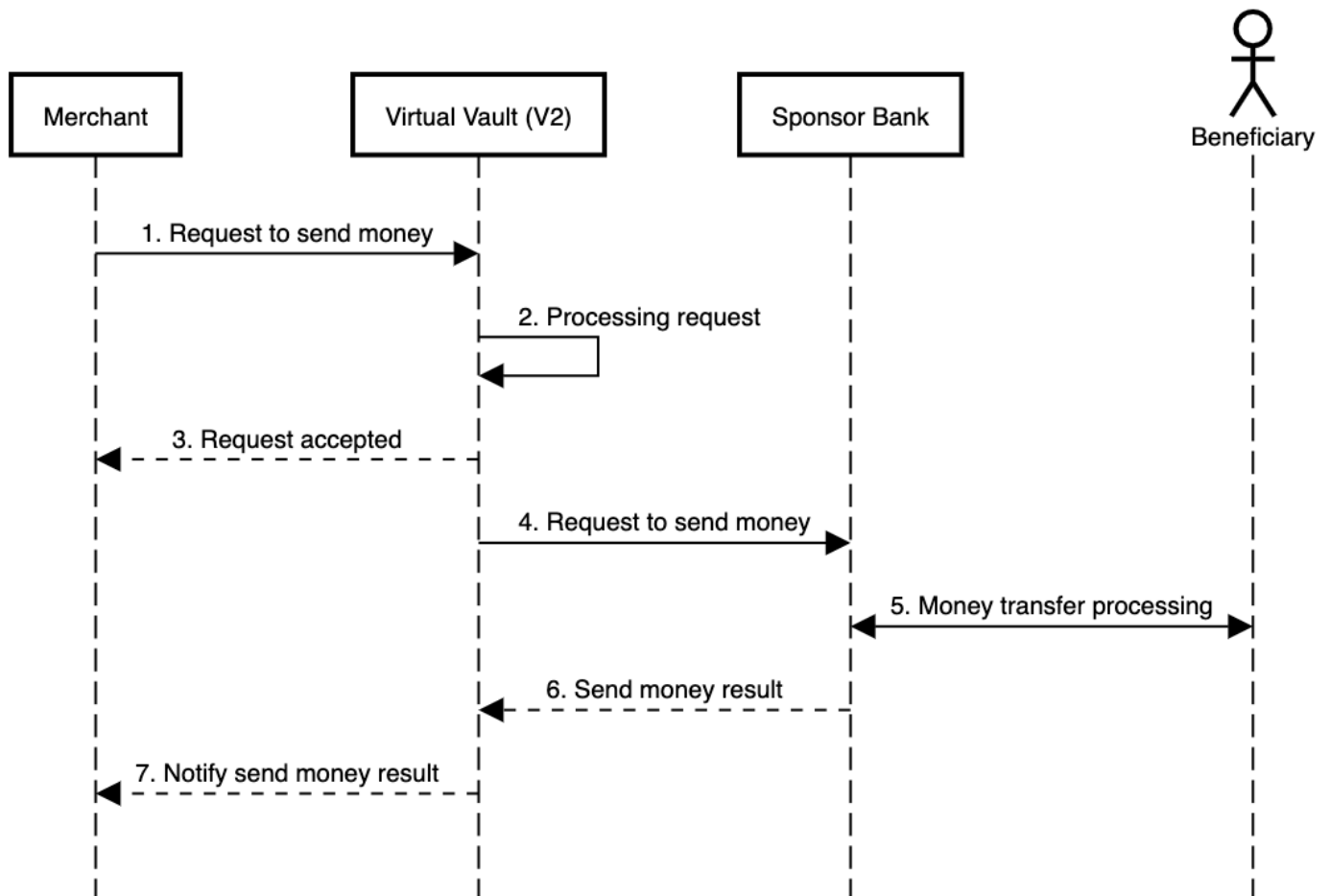
<b>Revision Change Record</b>	<b>0</b>
<b>1. Sequence diagram</b>	<b>0</b>
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<b>4. Transaction Status</b>	<b>0</b>
4.1 QR Payment Status (transcation_type = request_qr)	0
4.2 Send Money Status (transcation_type = withdraw)	0
4.3 Paylink Status (transcation_type = request_paylink)	0
<b>5. Bank Code</b>	<b>0</b>

## 1. Sequence diagram

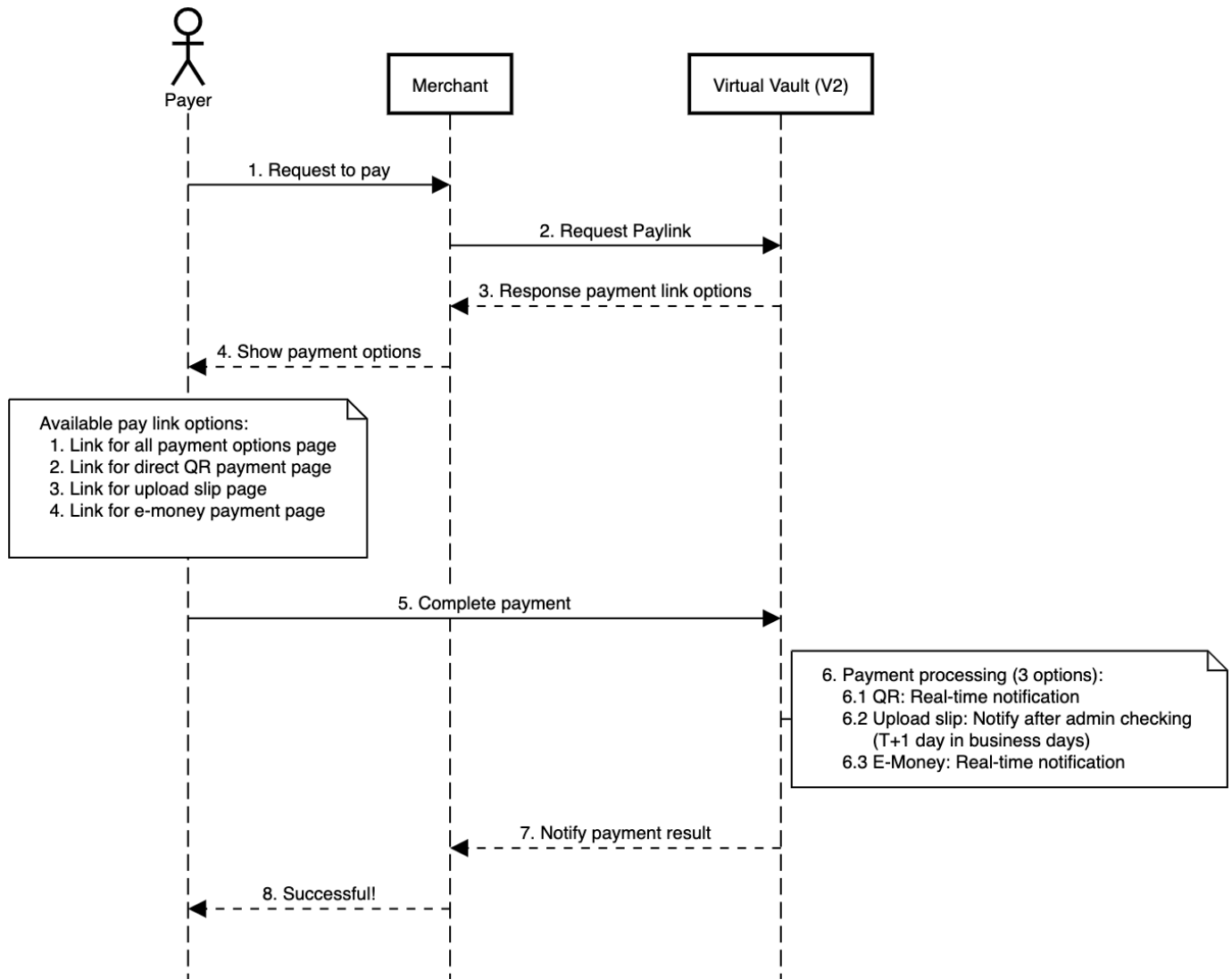
### 1.1 QR Payment



## 1.2 Send money to bank account



## 1.3 Pay Link



## 2. Get Access Token

- Login to VAS merchant.
- Click at OAuth Menu.
- Click Generate OAuth Token.

The screenshot displays the VAS Lite Merchant interface. At the top, a blue header bar contains the text "VAS Lite Merchant" on the left and "Shop One" with a right-pointing arrow on the right. A left-hand sidebar lists various menu items: Dashboard, Daily report, E-Payment, E-Wallet, Transaction, Statement, and Change Password. The "OAuth" menu item is highlighted in blue and marked with a red "1". The main content area features a "Generate OAuth Token" section. This section includes the text "Click button to generate oauth token." followed by two lines of credentials: "Client ID 98f5b515-b49b-4008-986e-c9a3b3da29a9" and "Client Secret 4tdfRonhaAkJnnzIFB6eXltCR0weaQiutoDKp8jS". A blue button labeled "Generate OAuth Token" is positioned to the right of these credentials and is marked with a red "2". At the bottom left of the page, there is a dropdown menu labeled "เลือกภาษา" (Select Language) and a small text line "ขับเคลื่อนโดย Google แอปพลิเคชัน".



## 3.Services

### 3.1 Get Balance

**Description :** To get balance

**Method :** GET

**Endpoint :** `{{base_url}}/merchant-api/v1.0/balance`

**Request Header**

Key	M/O	Type	Description
Authorization	M	String	<a href="#">Bearer</a> Access Token

**Response Body (JSON)**

Key	M/O	Type	Size	Description
<a href="#">data</a>	M	Object	N/A	Object data
<a href="#">data.e_payment</a>	M	Number	N/A	E-Payment balance
<a href="#">data.e_wallet</a>	M	Number	N/A	E-Wallet balance
<a href="#">message</a>	M	String	max:50	Result message

**Example Request**

```
{{base_url}}/merchant-api/v1.0/balance
```

**Example Response**

```
{
  "data": {
    "e_payment": 5557296.54,
    "e_wallet": 831536
  },
  "message": "Successful."
}
```

## 3.2 Check Transaction Status

**Description :** [To get status of transaction](#)

**Method :** [GET](#)

**Endpoint :** [{{base\\_url}}/merchant-api/v1.0/status](#)

### Request Header

Key	M/O	Type	Description
<a href="#">Authorization</a>	M	String	<a href="#">Bearer</a> Access Token

### Request Body (Query String)

Key	M/O	Type	Size	Description
<a href="#">client_transaction_id</a>	M	Object	N/A	Merchant Transaction ID
<a href="#">transaction_type</a>	M	String	N/A	Transaction Type - withdraw - request_qr - request_paylink

### Response Body (JSON)

Key	M/O	Type	Size	Description
<a href="#">status</a>	M	String	max: 50	View the detail within the ' <a href="#">Transaction Status</a> '.
<a href="#">code</a>	M	Integer	00 - 99	View the detail within the ' <a href="#">Transaction Status</a> '.
<a href="#">description</a>	M	String	max: 100	View the detail within the ' <a href="#">Transaction Status</a> '.
<a href="#">transaction_type</a>	M	String	N/A	Sub type of transaction - withdraw - request_qr - request_paylink
<a href="#">transaction_sub_type</a>	O	String	N/A	Sub type of transaction - thai_qr (Payment with Thai QR) - fb_money (Payment with flybridge money) - upload_slip (Payment with money transfer)
<a href="#">transaction_detail</a>	O	JSON	N/A	Detail of transaction
<a href="#">from_bank_code</a>	O	JSON	N/A	Detail of transaction : payer bank code
<a href="#">from_account_no</a>	O	JSON	N/A	Detail of transaction : payer bank account no
<a href="#">from_account_name</a>	O	JSON	N/A	Detail of transaction : payer bank account name
<a href="#">to_bank_code</a>	O	JSON	N/A	Detail of transaction : Transfer to bank code
<a href="#">to_bank_account_no</a>	O	JSON	N/A	Detail of transaction : Transfer bank account no
<a href="#">to_bank_account_name</a>	O	JSON	N/A	Detail of transaction : Transfer bank account no

slip_base64_image	O	JSON	N/A	Detail of transaction: Slip image of transfer
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Example Request

```
{{base_url}}/merchant-api/v1.0/status?client_transaction_id=230517&transaction_type=withdraw
```

Example Response

```
{
  "status": "complete",
  "transaction_type": "request_paylink",
  "transaction_sub_type": "upload_slip",
  "transaction_detail": {
    "from_bank_code": "025",
    "from_account_no": "1234567890",
    "from_account_name": "John Carter",
    "to_bank_code": "014",
    "to_bank_account_no": "27022399135",
    "to_bank_account_name": "IP PAYMENT SOLUTION CO., LTD",
    "slip_base64_image": "data:image/jpeg;base64,/9j/4AAQSkZJR..."
  }
}
```

### 3.3 Request QR Code Payment

**Description :** To create QR code for payment.

**Method :** POST

**Endpoint :** {{base\_url}}/merchant-api/v1.0/request-qr

#### Request Header

Key	M/O	Type	Description
Authorization	M	String	Bearer Access Token

#### Request Body (JSON)

Key	M/O	Type	Size	Description
qr_type	O	String	max: 50	The type of QR to receive payments. - thaiqr, fbmoney (default is thaiqr)
amount	M	Number	min:1 max: 2,000,000	Payment amount
client_transaction_id	M	String	max: 255	Merchant Transaction ID (must be unique)
ref1	O	String	max: 255	Merchant Reference data 1
ref2	O	String	max: 255	Merchant Reference data 2
ref3	O	String	max: 255	Merchant Reference data 3
expired_in	O	Number	min: 1 max: 60	Expired in x minute (default 15 minute)

#### Response Header

Key	M/O	Type	Size	Description
HTTP Status Code	M	Number	Number	200 for transaction success other is fail

#### Response Body (JSON)

Key	M/O	Type	Size	Description
data	M	Object	N/A	Object data
data.qr_raw	M	String	N/A	QR code raw data.
data.qr_base_64	M	String	N/A	QR code image base64 encoding.
data.expired_at	M	String	27	Expiration timestamp
message	M	String	max:50	Result message

## Example Request

```
{{base_url}}/merchant-api/v1.0/request-qr

{
  "qr_type": "thaiqr", // type: thaiqr, fbmoney (default is thaiqr)
  "amount": 1.76,
  "client_transaction_id": "kh-20230424-05",
  "ref1": "1",
  "ref2": "2",
  "ref3": "3",
  "expired_in": null // expired in x minutes if null default 15 mins
}
```

## Example Response

```
{
  "data": {
    "qr_raw": "00020101021230590016A00000067701011201...",
    "qr_base_64": "ECCEgRggBsQL7jqR6/VT9eHG5719YbOs/jPt66CcEYokQAmKEEBA...",
    "expired_at": "2023-03-09T17:51:00.000000Z"
  },
  "message": "Create QR successfully."
}
```

### 3.4 Callback QR Payment Result

**Description :** [Callback payment result to merchant's callback url](#)

**Method :** [POST](#)

**Endpoint :** <https://merchant-website.com/api/callback>

**Request Body (JSON)**

Key	M/O	Type	Size	Description
<a href="#">status</a>	M	<a href="#">Object</a>	N/A	Object status
<a href="#">status.code</a>	M	<a href="#">Number</a>	max: 99	11 QR Payment successfully 12 QR Payment reject
<a href="#">status.description</a>	M	<a href="#">String</a>	max: 100	Status description
<a href="#">data</a>	M	<a href="#">String</a>	N/A	Object data
<a href="#">data.client_transaction_id</a>	M	<a href="#">String</a>	max:255	Merchant Transaction ID (Same as request QR API)
<a href="#">data.ref1</a>	O	<a href="#">String</a>	max:255	Merchant Reference data 1 (Same as request QR API)
<a href="#">data.ref2</a>	O	<a href="#">String</a>	max:255	Merchant Reference data 2 (Same as request QR API)
<a href="#">data.ref3</a>	O	<a href="#">String</a>	max:255	Merchant Reference data 3 (Same as request QR API)
<a href="#">data.amount</a>	M	<a href="#">Number</a>	min:1 max: 600000	Payment amount
<a href="#">data.transaction_id</a>	M	<a href="#">Number</a>	64-bit integer	Transaction ID
<a href="#">data.transaction_at</a>	M	<a href="#">String</a>	27	Transaction date and time

## Example Callback - Success Payment

```
https://merchant-website.com/api/callback

{
  "status": {
    "code": 11,
    "description": "Request QR payment successfully."
  },
  "data": {
    "client_transaction_id": "aa13",
    "ref1": "IPPS90001",
    "ref2": "c6d30841-80ea-4390-80e6-9c510ee754fc",
    "ref3": null,
    "amount": 1.13,
    "transaction_id": 290,
    "transaction_at": "2023-03-09T06:38:01.000000Z"
  }
}
```

## Example Callback - Fail Payment

```
https://merchant-website.com/api/callback

{
  "status": {
    "code": 12,
    "description": "Request QR payment reject"
  },
  "data": {
    "client_transaction_id": "aa13",
    "ref1": "IPPS90001",
    "ref2": "c6d30841-80ea-4390-80e6-9c510ee754fc",
    "ref3": null,
    "amount": 1.13,
    "transaction_id": 290,
    "transaction_at": "2023-03-09T06:38:01.000000Z"
  }
}
```

## 3.5 Request Send Money

### 3.5.1 Verify Send Money

**Description :** To request (online) send money (verify). (maximum amount of 2,000,000 Baht)

**Method :** POST

**Endpoint :** {{base\_url}}/merchant-api/v1.0/send-money/verify

#### Request Header

Key	M/O	Type	Description
Authorization	M	String	Bearer Access Token

#### Request Body (JSON)

Key	M/O	Type	Size	Description
amount	M	Number	min:1 max: 2,000,000	Payment amount Note: transaction with amount 70,000 and more will be report to AMLO (Anti Money Laundering Office)
bank_code	M	String	max:50	Bank code see more at Bank Code
branch_code	O	String	max:4	Branch code
account	M	String	N/A	Account Number
account_name	M	String	max: 50	Account Name

#### Response Header

Key	M/O	Type	Size	Description
HTTP Status Code	M	Number	Number	200 for verify success other is fail

#### Response Body (JSON)

Key	M/O	Type	Size	Description
data	M	Object	N/A	Object data
data.minAmount	M	Number	N/A	Min amount per transaction
data.maxAmount	M	Number	N/A	Max amount per transaction
data.beneficiaryName	M	String	N/A	Name of beneficiary
data.fee	M	Number	N/A	Fee of transaction
data.netAmount	M	Number	N/A	Net amount of transaction



message	M	String	max:50	Result message
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Example Request

```
{{base_url}}/merchant-api/v1.0/send-money/verify

{
  "amount": 123.45,
  "bank_code": "001",
  "branch_code": "0012",
  "account": "1234567890",
  "account_name": "Account name"
}
```

Example Response

```
{
  "data": {
    "proxyType": "ACCNO",
    "proxyId": "0113808462",
    "toBankId": "004",
    "amount": 1.5,
    "beneficiaryName": "ไอพี เพย์เมนต์ โซลูชั่น จำกัด",
    "provider": "CIMB",
    "maxAmount": 5000,
    "minAmount": 12,
    "fee": 1.01,
    "netAmount": 2.51
  },
  "message": "Successful."
}
```

### 3.5.2 Confirm Send Money

**Description :** To request (online) send money (confirm). (maximum amount of 2,000,000 Baht)

**Method :** POST

**Endpoint :** {{base\_url}}/merchant-api/v1.0/send-money/bank

#### Request Header

Key	M/O	Type	Description
Authorization	M	String	Bearer Access Token

#### Request Body (JSON)

Key	M/O	Type	Size	Description
amount	M	Number	min:1 max: 2,000,000	Payment amount Note: transaction with amount 70,000 and more will be report to AMLO (Anti Money Laundering Office)
client_transaction_id	M	String	max: 255	Merchant Transaction ID (must be unique)
bank_code	M	String	max:50	Bank code see more at Bank Code
branch_code	M	String	max:4	Branch code
account	M	String	N/A	Account Number
account_name	M	String	max: 50	Account Name
ref1	O	String	max: 255	Merchant Reference data 1
ref2	O	String	max: 255	Merchant Reference data 2
ref3	O	String	max: 255	Merchant Reference data 3

#### Response Header

Key	M/O	Type	Size	Description
HTTP Status Code	M	Number	Number	200 for transaction success other is fail

#### Response Body (JSON)

Key	M/O	Type	Size	Description
data	M	Object	N/A	Object data
data.transaction_id	M	String	N/A	Transaction ID of request
message	M	String	max:50	Result message



## Example Request

```
{{base_url}}/merchant-api/v1.0/send-money/bank

{
  "amount": 123.45,
  "client_transaction_id": "123456789",
  "bank_code": "001",
  "branch_code": "0012",
  "account": "1234567890",
  "account_name": "Account name"
}
```

## Example Response

```
{
  "data": {
    "transaction_id": 47
  },
  "message": "Withdraw requested."
}
```

### 3.6 Callback Send Money Result

**Description :** [Callback send money result to merchant's callback url](#)

**Method :** [POST](#)

**Endpoint :** <https://merchant-website.com/api/callback>

**Request Body (JSON)**

Key	M/O	Type	Size	Description
<a href="#">status</a>	M	<a href="#">Object</a>	N/A	Object status
<a href="#">status.code</a>	M	<a href="#">Number</a>	max: 99	31 Send money successfully 32 Send money reject
<a href="#">status.description</a>	M	<a href="#">String</a>	max: 100	Status description
<a href="#">data</a>	M	<a href="#">String</a>	N/A	Object data
<a href="#">data.client_transaction_id</a>	M	<a href="#">String</a>	max:255	Merchant Transaction ID
<a href="#">data.ref1</a>	O	<a href="#">String</a>	max:255	Merchant Reference data 1
<a href="#">data.ref2</a>	O	<a href="#">String</a>	max:255	Merchant Reference data 2
<a href="#">data.ref3</a>	O	<a href="#">String</a>	max:255	Merchant Reference data 3
<a href="#">data.amount</a>	M	<a href="#">Number</a>	N/A	Payment amount
<a href="#">data.transaction_id</a>	M	<a href="#">Number</a>	64-bit integer	Transaction ID
<a href="#">data.bank_code</a>	M	<a href="#">String</a>	27	Bank Code
<a href="#">data.account</a>	M	<a href="#">String</a>	N/A	Account Number
<a href="#">data.account_name</a>	M	<a href="#">String</a>	max:50	Account Name
<a href="#">data.branch_code</a>	M	<a href="#">String</a>	max:4	Branch Code

## Example Callback - Success Payment

```
https://merchant-website.com/api/callback
{
  "status": {
    "code": 31,
    "description": "Sendmoney successfully."
  },
  "data": {
    "client_transaction_id": "aa13",
    "ref1": null,
    "ref2": null,
    "ref3": null,
    "transaction_id": 294,
    "amount": 123.45,
    "bank_code": "001",
    "account": "1234567890",
    "account_name": "Account name",
    "branch_code": "0012"
  }
}
```

## Example Callback - Fail Payment

```
https://merchant-website.com/api/callback
{
  "status": {
    "code": 32,
    "description": "Sendmoney rejected."
  },
  "data": {
    "client_transaction_id": "aa13",
    "ref1": null,
    "ref2": null,
    "ref3": null,
    "transaction_id": 297,
    "amount": 123.45,
    "bank_code": "001",
    "account": "1234567890",
    "account_name": "Account name",
    "branch_code": "0012"
  }
}
```

### 3.7 Request Paylink

**Description :** To create a pay link for payment.

**Method :** POST

**Endpoint :** {{base\_url}}/merchant-api/v1.0/request-paylink

#### Request Header

Key	M/O	Type	Description
Authorization	M	String	Bearer Access Token

#### Request Body (JSON)

Key	M/O	Type	Size	Description
amount	M	Number	min:1 max: 600,000	Payment amount
client_transaction_id	M	String	max: 255	Merchant Transaction ID (must be unique)
ref1	O	String	max: 255	Merchant Reference data 1
ref2	O	String	max: 255	Merchant Reference data 2
ref3	O	String	max: 255	Merchant Reference data 3
expired_in	O	Number	min: 1 max: 60	Expired in x minute (default 15 minute)
customer_payment_no	M	String	max: 50	Payment no for display at payment page
customer_payment_description	M	String	max: 100	Payment description for display at payment page
sent_paylink_to_customer_email	O	String	max: 100	To send a link to specific email
sent_paylink_to_customer_mobile	O	String	max: 10	To send a link to specific mobile

## Response Header

Key	M/O	Type	Size	Description
HTTP Status Code	M	Number	Number	200 for transaction success other is fail

## Response Body (JSON)

Key	M/O	Type	Size	Description
data	M	Object	N/A	Object data
data.paylink_id	M	String	N/A	Payment link ID
data.paylink	M	String	N/A	Payment link
data.paylink_thaiqr	M	String	N/A	Payment link : Thai QR
data.paylink_fbmoney	M	String	N/A	Payment link : Flybridge Money
data.paylink_moneytransfer	M	String	N/A	Payment link : Money Transfer
data.ref1	M	String	max: 255	Merchant Reference data 1
data.ref2	M	String	max: 255	Merchant Reference data 2
data.ref3	M	String	max: 255	Merchant Reference data 3
data.customer_payment_no	M	String	max: 50	Payment no for display at payment page
data.customer_payment_description	M	String	max: 100	Payment description for display at payment page
data.sent_paylink_to_customer_email	O	String	max: 100	To send a link to specific email
data.sent_paylink_to_customer_mobile	O	String	max: 10	To send a link to specific mobile
data.expired_at	M	String	27	Payment expire time
message	M	String	max:50	Result message



## Example Request

```
{{base_url}}/merchant-api/v1.0/request-paylink

{
  "amount": 1.5,
  "client_transaction_id": "kh-202305171-111245",
  "ref1": "1",
  "ref2": "2",
  "ref3": "3",
  "expired_in": null,
  "customer_payment_no": "80811122333",
  "customer_payment_description": "Payment for order #80811122333"
}
```

## Example Response

```
{
  "data": {
    "paylink_id": 2,
    "paylink": "https://paylink-dev.ipps.co.th/paylink/1f3261c0",
    "paylink_thaiqr":
      "https://paylink-dev.ipps.co.th/paylink/1f3261c0/confirm?paymentMethod=qrCode",
    "paylink_fbmoney":
      "https://paylink-dev.ipps.co.th/paylink/1f3261c0/confirm?paymentMethod=flybridgeMoney",
    "paylink_moneytransfer":
      "https://paylink-dev.ipps.co.th/paylink/1f3261c0/confirm?paymentMethod=moneyTransfer",
    "ref1": "1",
    "ref2": "2",
    "ref3": "3",
    "customer_payment_no": "80811122333",
    "customer_payment_description": "Payment for order #80811122333",
    "expired_at": "2023-06-02T16:02:47.000000Z"
  },
  "message": "Create Paylink successfully."
}
```

### 3.8 Callback Paylink Result

**Description :** [Callback payment result to merchant's callback url](#)

**Method :** POST

**Endpoint :** <https://merchant-website.com/api/callback>

**Request Body (JSON)**

Key	M/O	Type	Size	Description
<a href="#">status</a>	M	Object	N/A	Object status
<a href="#">status.code</a>	M	Number	max: 99	50 Paylink Payment processing (for uploaded slip state) 51 Paylink Payment successfully 52 Paylink Payment reject
<a href="#">status.description</a>	M	String	max: 100	Status description
<a href="#">data</a>	M	String	N/A	Object data
<a href="#">data.client_transaction_id</a>	M	String	max:255	Merchant Transaction ID (Same as request Paylink API)
<a href="#">data.ref1</a>	O	String	max:255	Merchant Reference data 1 (Same as request Paylink API)
<a href="#">data.ref2</a>	O	String	max:255	Merchant Reference data 2 (Same as request Paylink API)
<a href="#">data.ref3</a>	O	String	max:255	Merchant Reference data 3 (Same as request Paylink API)
<a href="#">data.amount</a>	M	Number	min:1 max: 600000	Payment amount
<a href="#">data.transaction_id</a>	M	Number	64-bit integer	Transaction ID
<a href="#">data.transaction_at</a>	M	String	27	Transaction date and time
<a href="#">data.transaction_type</a>	M	String	N/A	Sub type of transaction - withdraw - request_qr - request_paylink
<a href="#">data.transaction_sub_type</a>	M	String	N/A	Sub type of transaction - thai_qr (Payment with Thai QR) - fb_money (Payment with flybridge money) - upload_slip (Payment with money transfer)

## Example Callback - Success Payment

```
https://merchant-website.com/api/callback

{
  "status": {
    "code": 51,
    "description": "Request Paylink payment successfully."
  },
  "data": {
    "client_transaction_id": "kh-202305171-111244",
    "amount": 1.5,
    "ref1": "1",
    "ref2": "2",
    "ref3": "3",
    "transaction_id": 275,
    "transaction_at": "2023-06-02T15:38:38.000000Z",
    "transaction_typed": "request_qr",
    "transaction_sub_type": "thai_qr"
  }
}
```

## Example Callback - Fail Payment

```
https://merchant-website.com/api/callback

{
  "status": {
    "code": 52,
    "description": "Request Paylink payment failed."
  },
  "data": {
    "client_transaction_id": "kh-202305171-111244",
    "amount": 1.5,
    "ref1": "1",
    "ref2": "2",
    "ref3": "3",
    "transaction_id": 275,
    "transaction_at": "2023-06-02T15:38:38.000000Z",
    "transaction_typed": "request_qr",
    "transaction_sub_type": "thai_qr"
  }
}
```

## 4. Transction Status

### 4.1 QR Payment Status (transcation\_type = request\_qr)

Status	Code	Description
pending	10	Request QR payment pending.
complete	11	QR payment successfully
reject	12	QR Payment reject
expire	13	QR Payment expire
not_found	99	Transaction not found

### 4.2 Send Money Status (transcation\_type = withdraw)

Status	Code	Description
pending	30	Send money pending
complete	31	Send money successfully
reject	32	Send money reject
not_found	99	Transaction not found

### 4.3 Paylink Status (transcation\_type = request\_paylink)

Status	Code	Description
pending	50	Paylink pending
complete	51	Paylink successfully
reject	52	Paylink reject
expire	53	Paylink expire
not_found	99	Transaction not found

## 5. Bank Code

Bank Code	Bank Name	Bank Name (Thai)
001	Bank of Thailand	ธนาคารแห่งประเทศไทย
002	Bangkok Bank Public Company Limited	ธนาคารกรุงเทพ จำกัด (มหาชน)

004	Kasikornbank Public Company Limited	ธนาคารกสิกรไทย จำกัด (มหาชน)
005	The Royal Bank of Scotland N.V.	เดอะรอยัลแบงก์ออฟสกอตแลนด์ เอ็น.วี.
006	Krung Thai Bank Public Company Limited	ธนาคารกรุงไทยจำกัด (มหาชน)
008	JP Morgan Chase Bank	ธนาคารเจพี มอร์แกน เชส
011	TTB Bank	ธนาคารทหารไทยธนชาติ จำกัด
014	Siam Commercial Bank Public Company Limited	ธนาคารไทยพาณิชย์ จำกัด (มหาชน)
017	Citibank N.A.	ธนาคารซิตีแบงก์
018	Sumitomo Mitsui Banking Corporation	ซูมิโตโม มิตซูบิ แบงก์ คอร์ปอเรชั่น
020	Standard Chartered Bank (Thai) Public Company Limited	ธนาคารสแตนดาร์ด ชาร์เตอร์ด (ไทย) จำกัด
022	CIMB Thai Bank Public Company Limited	ธนาคาร ซีไอเอ็มบี ไทย จำกัด (มหาชน)
024	United Overseas Bank (Thai) PCL	ธนาคารยูโอบี (มหาชน)
025	Bank of Ayudhya Public Company Limited	ธนาคารกรุงศรีอยุธยา จำกัด (มหาชน)
026	Mega International Commercial Bank PCL	ธนาคาร เมกะ สากลพาณิชย์ จำกัด (มหาชน)
027	Bank of America National Association	ธนาคารแห่งอเมริกา เนชั่นแนล แอสโซซิเอชัน
030	Government Saving Bank	ธนาคารออมสิน
031	Hong Kong & Shanghai Corporation Limited	ธนาคารฮ่องกงและเซี่ยงไฮ้แบงกิง คอร์ปอเรชั่น
032	Deutsche Bank Aktiengesellschaft	ธนาคารดอยช์แบงก์
033	Government Housing Bank	อาคารสงเคราะห์
034	Bank for Agriculture and Agricultural Cooperatives	ธนาคารเพื่อการเกษตรและ สหกรณ์การเกษตร
039	Mizuho Corporate Bank Limited	ธนาคารมิซูโฮ คอร์ปอเรท
045	BNP Paribas Bank	ธนาคาร บีเอ็นพี พารีบาส
052	Bank of China (Thai) Public Company Limited	ธนาคารแห่งประเทศจีน(ไทย) จำกัด (มหาชน)
066	Islamic Bank of Thailand	ธนาคารอิสลามแห่งประเทศไทย
067	Tisco Bank Public Company Limited	ธนาคารทีสโก้ จำกัด (มหาชน)
069	Kiatnakin Bank Public Company Limited	ธนาคารเกียรตินาคิน จำกัด (มหาชน)
070	ICBC Thai Commercial Bank	ธนาคารไอซีบีซี (ไทย) จำกัด (มหาชน)
071	The Thai Credit Retail Bank Public Company Limited	ธนาคารไทยเครดิต เพื่อรายย่อย จำกัด (มหาชน)
073	Land and Houses Bank Public Company Limited	ธนาคารแลนด์ แอนด์ เฮาส์
079	ANZ Bank (Thai) Public Company Limited	ธนาคารเอเอ็นแซด (ไทย) จำกัด (มหาชน)