

Epay API Description Document

V4.3

Date	Version No.	Version Content	Author	Auditor	Audit Date
2017.08.30	V1.0	API documentation integration.			
2017.10.19	V2.0	Java demo download is added at Super SCI, Account Transfer and Withdrawal interface.			
2018.04.13	V3.0	“Payment ID” description field adjustment			
2018.08.27	V4.0	Increase the return data signature of some interfaces			
2019.08.23	V4.1	Increase KYC interface			
2019.10.17	V4.2	Update Enable API process			
2020.07.14	V4.3	Update KYC interface			



易派全球支付

W: <http://epay.com> T: +86 0755-22248883 F: 0755-22248880

Epay Global Limited

401, Building 9, Phase II, Shenzhen Software Park, Gaoxin Zhongshan Road, Nanshan District, Shenzhen

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I. Enable API

1. Functional description

For the security of transaction information and your fund, it needs to enable the API and generate API_KEY in random when calling the interface and then to verify the transaction data.

2. Process of integrating API

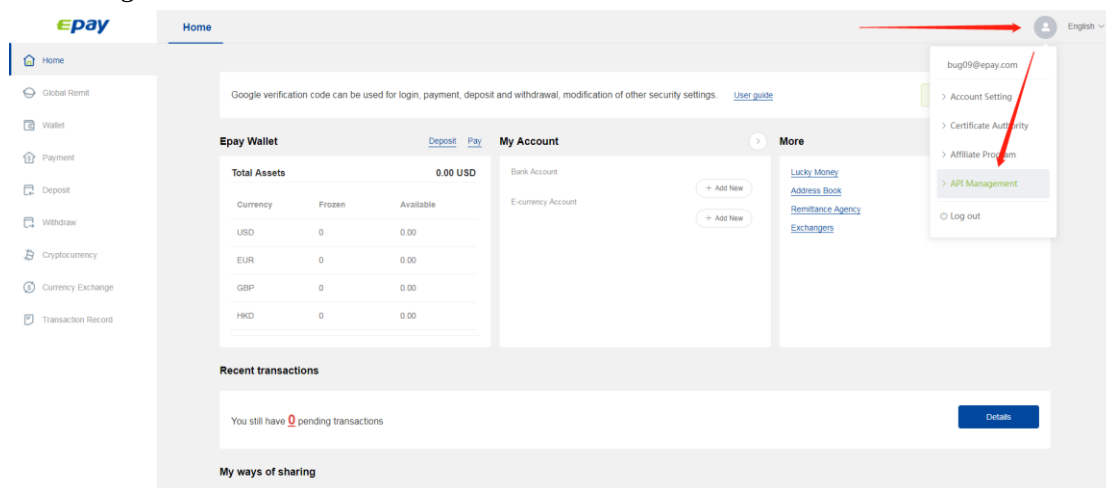
Step1: Register a epay account;

1. You need to register a epay account first, click here:

<https://www.epay.com/epayweb/register?lang=en>, start to sign up;

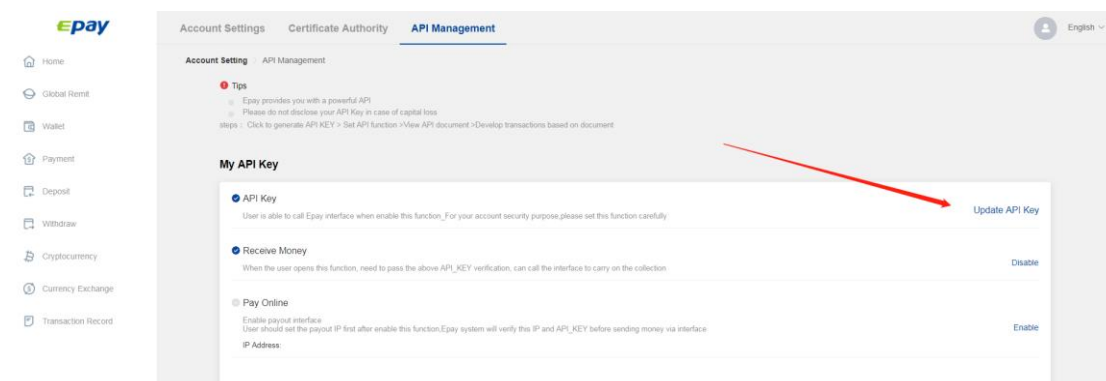
Step2: Enable API

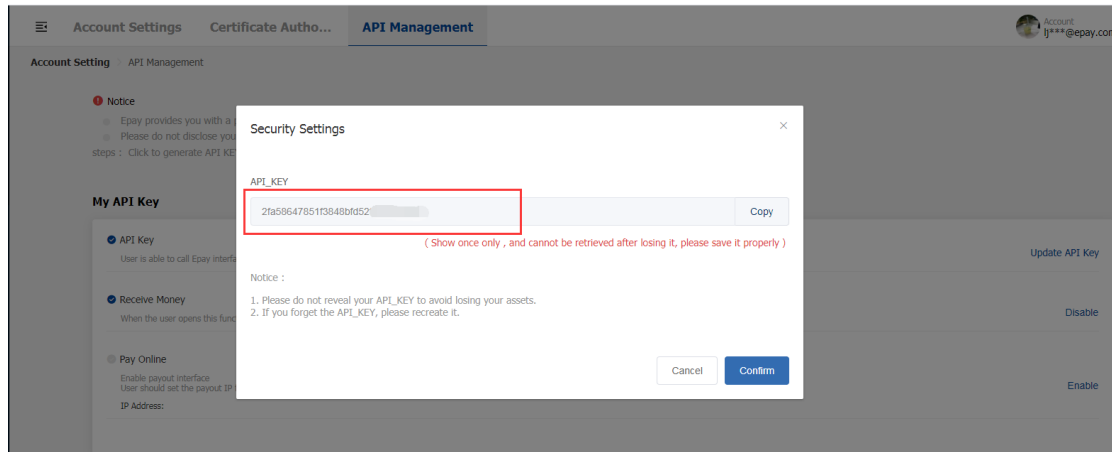
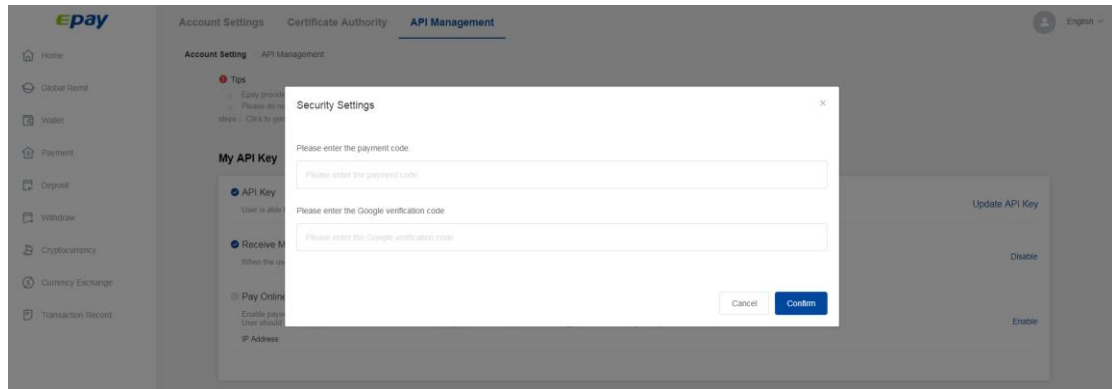
1. Go to the API page: Login to your Epay account, click on the top right image——“API Management”.



2. Get the API_KEY: Click "Recreate API_KEY", input payment password and google verification code , Click "Confirm",then you can get the API_KEY.

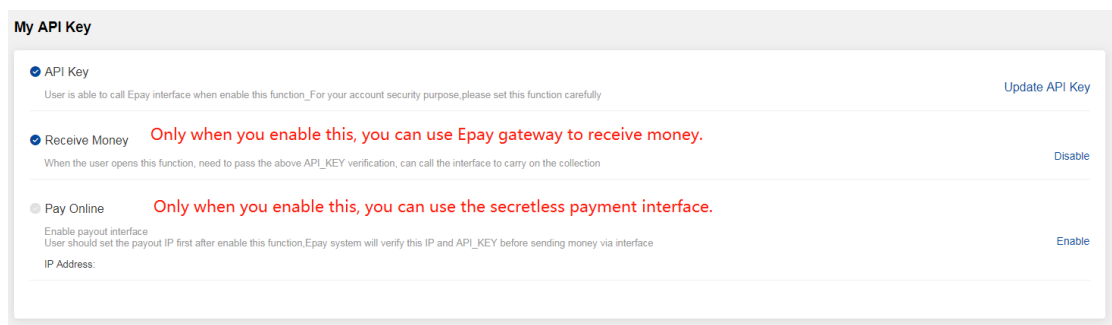
Please Note: It needs API-KEY when calling the interface to carry out encryption verification. Please get your API-KEY in the following page. It's better to reinstall the newest API-KEY when it has the risk of information leakage.





3. Enable API: Choose the functions you need and click “Enable”.

Please Note: It needs to verify your server IP for the transfer interface, please set your server IP after enabling payout interface and Epay will add this IP address into system whitelist and verify it when calling transfer interface.



4. You can download the SCI document from here: <https://www.epay.com/en/apis.htm>

You need to follow the documents to finish integrate API.

Obtain multiple payment methods by
one API

[Get Epay API document right now](#)

If you are a website of merchant such as Shopify, Woocommerce or WHMCS,
please read the following documents:

[Download epay.com-shopify](#) [Download epay-for-woocommerce-plugins](#)
[Download epay-for-whmcs-plugins](#)

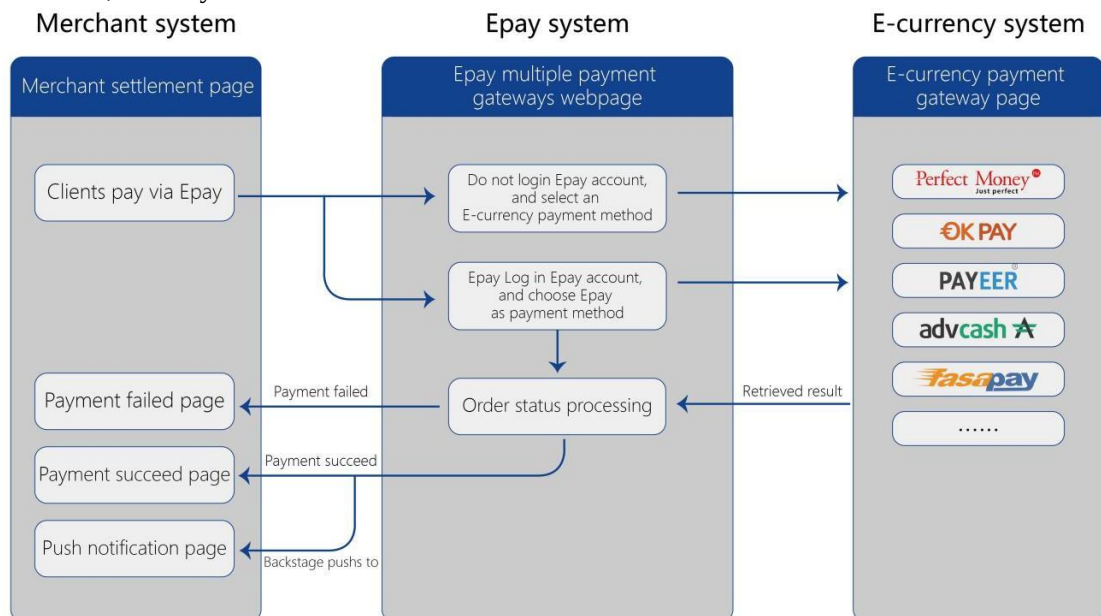
Gateway Demo

Contact Us

II. Super SCI Interface

1. Functional description

Super SCI interface includes many payment gateways like perfect Money, OKPAY, Payeer, AdvCash, FasaPay.



2. Access address

Real environment address: <https://api.epay.com/paymentApi/merReceive>

Please contact Epay staff for test environment information;

3. HTTP request method

POST

4. Input parameters

Field	Type	Field Name	Field Description	Required or not
PAYEE_ACCOUNT	String(50)	Merchant's Epay account	Merchant's Epay account to receive money from users	Y
PAYEE_NAME	String(50)	Merchant's Name	The merchant's name that will show on Epay payment page. Eg: "Three little squirrels nuts".	Y
PAYMENT_AMOUNT	Number	Payment Amount	Flat money keep two decimal places. Eg: 100.20	Y

Field	Type	Field Name	Field Description	Required or not
			Cryptocurrency keep five decimal places. Eg: 10.20300	
PAYMENT_UNITS	String(10)	Payment Currency	Support (USD,EUR,HKD,GBP,JPY,BTC,ETH,EOS,BCH,LTC,XRP,USDT)	Y
PAYMENT_ID	String(50)	MERCHANT'S Transaction No.	Input user's order number in this field. Suggested format: figures, English letters, or their combination; Recommended length: More than 10 strings to avoid duplicate Order ID.	N
STATUS_URL	String(100)	Backstage Push Payment Result to URL	If succeed, the backstage of Epay Payment system will push the results to URL. User needs to return "Success" to Epay after receiving the push notification, or Epay will continue to push result to URL for three times. support: http/https. Eg: https://www.shop.com/orderpayment.asp	Y
PAYMENT_URL	String(100)	Turn to URL if succeed	If succeed, turn to URL by browser, support http/https. Eg: https://www.shop.com/paymentSuccess.asp	Y
NOPAYMENT_URL	String(100)	Turn to URL if failed	If failed, turn to URL by browser, support http/https. Eg: https://www.shop.com/paymentFail.asp	Y
BAGGAGE_FIELDS	String(500)	Hidden Domain	Transfer the name value of the hidden domain, it used to process the user's own business, if no value, please send "" empty string. Format: Heading 1 Heading 2 Heading 3 Eg: KEY_CODE BATCH_NUM (Separated by spaces)	N
SUGGESTED_MEMO	String(500)	Remarks	This field is used to record the annotation information for the order.	N
FORCED_PAYER_ACCOUNT	String(50)	Payer Account	The Epay account (e-mail address) of the customer conducting the transaction with the merchant. If this parameter exists, please add it to the signature.	N

Field	Type	Field Name	Field Description	Required or not
INTERFACE_LANGUAGE	String(10)	Page Internationalization Code	en_us – u.s.English zh_cn – Chinese ja_jp – Japanese ko_kr – Korean The default: en_us (do not case sensitive)	N
CHARACTER_ENCODING	String(10)	Code format	UTF-8	N
V2_HASH	String(32)	Signature	During the payment, in order to prevent the illegal manipulation of data(such as the currency, transaction amount or order number), it needs encrypted verification to protect users, verification rules are as below: V2_HASH=MD5(PAYEE_ACCOUNT:PAYMENT_AMOUNT:PAYMENT_UNITS:API_KEY) (Do not change the number of decimal digits reserved) Eg: V2_HASH=MD5(michael@yopmail.com:100.20:USD:3c9abae1a1164828ac6d339f4fc98fd3) If Payer Account exists, the rules are as below: V2_HASH=MD5(PAYEE_ACCOUNT:FORCED_PAYER_ACCOUNT:PAYMENT_AMOUNT:PAYMENT_UNITS:API_KEY)	Y

5. Return parameters

The following verification is required before the transaction is completed:

1. Verify signature data to ensure consistent data transmission
2. Verify the IP source. The Epay server IP is 23.252.175.33
3. Call the order query interface to verify the content and status of the order again.

Field	Type	Field Name	Field Description	Required or not
PAYEE_ACCOUNT	String(50)	Merchant's Epay account	Merchant's Epay account to receive money from users	Y

Field	Type	Field Name	Field Description	Required or not
ORDER_NUM	String(50)	Epay Order No.	Order No. of Epay payment system	Y
PAYMENT_AMOUNT	Number	Transaction Amount	Flat money keep two decimal places. Eg: 100.20 Cryptocurrency keep five decimal places. Eg: 10.20300	Y
PAYMENT_UNITS	String(10)	Transaction Currencies	Support (USD,EUR,HKD,GBP,JPY,BTC,ETH,EOS,BCH,LTC,XRP,USDT)	Y
PAYMENT_ID	String(50)	Merchant's Transaction No.	This field returns the order number filled in by the merchant, It will not be returned if the merchant does not fill in the request	N
PAYER_ACCOUNT	String(20)	Payer Account	Epay account (email address) of customers who conduct transactions with merchants	N
STATUS	String(2)	Transaction Status	1 Failed 2 Succeed	Y
TIMESTAMPGMT	String(20)	Operating Time	Operating time of the order (yyyy-MM-dd HH:mm:ss)	Y
BAGGAGE_FIELDS	String(500)	Hidden Domain	The hidden domain is used for processing the user's own business.	N
BANK_ACCOUNT	String(50)	The Third Party Account	Information of the third party payer account	N
V2_HASH2	String(32)	Signature	During the payment, in order to prevent the illegal manipulation of data(such as changing the currency, transaction amount or order number), it needs encrypted verification to protect merchant's interest, verification rules are as below: V2_HASH2=MD5(PAYMENT_ID:ORDER_NUM:PAYEE_ACCOUNT:PAYMENT_AMOUNT:PAYMENT_UNITS:PAYER_ACCOUNT:STATUS:TIMESTAMPGMT:API_KEY) (Do not change the number of decimal digits reserved) Eg: V2_HASH2=MD5(20170501121415:P45645456454645:michael@yopmail.com:100.20:USD:jack@yopmail.com:1:2015-02-21	Y

Field	Type	Field Name	Field Description	Required or not
			11:22:55:3c9abae1a1164828ac6d339f4fc98fd3)	

6. Java demo

<https://www.epay.com/en/demo/merReceive.zip>

7. Example of Request

```

<html>

    <head>

        <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />

    </head>

    <body>

<form name="form1" method="post" action="https://api.epay.com/paymentApi/merReceive" >
<input name="PAYEE_ACCOUNT" type="text" value="michael@yopmail.com" size="40" /><br>
<input name="PAYEE_NAME" type="text" value="Three little squirrels nuts" size="40" /><br>
<input name="PAYMENT_AMOUNT" type="text" value="100.20" size="40" /><br>
<input name="PAYMENT_UNITS" type="text" value="USD" size="40" /><br>
<input name="PAYMENT_ID" type="text" value="123456789" size="40" /><br>
<input name="STATUS_URL" type="text" value="https://api.epay.com/pay_result.jsp" size="40" /><br>
<input name="PAYMENT_URL" type="text" value="https://api.epay.com/pay_result1.jsp" size="40" /><br>
<input name="NOPAYMENT_URL" type="text" value="https://api.epay.com/pay_result1.jsp" size="40" /><br>
<input name="BAGGAGE_FIELDS" type="text" value="KEY_CODE BATCH_NUM" size="40" /><br>
<input name="KEY_CODE" type="text" value="145698" size="40" /><br>
<input name="BATCH_NUM" type="text" value="698558" size="40" /><br>
<input name="SUGGESTED_MEMO" type="text" value="" size="40" /><br>
<input name="FORCED_PAYER_ACCOUNT" type="text" value="" size="40" /><br>
<input name="INTERFACE_LANGUAGE" type="text" value="ZH_CN" size="40" /><br>
<input name="CHARACTER_ENCODING" type="text" value="UTF-8" size="40" /><br>
<input name="V2_HASH" type="text" value="ebf8241e9b928c8dcc9d28171d88ee50" size="40" /><br>
<input name="submit" type="submit" value="submit" />

</form>

    </body>

</html>

```

8. Page of interface calling succeed

Merchant order : 1571303905166

Payee name : Epay Merchant Name

Message : Epay memo

Order Amount : **1.00 USD**

Epay

Payment

More Payment Methods



Login Payment

Email Account

Password

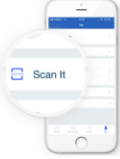
Login

Sign Up

QR Payment

Please scan the QR code with Epay APP and pay [Download](#)





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III. Epay Account Transfer Interface

1. Functional description

Users transfer money to each other by using the interface, which does not need to be confirmed by the receiver.

2. Access address

Real environment address: <https://api.epay.com/paymentApi/merPayment>

Please contact Epay staff for test environment information;

3. HTTP request method

POST

4. Input parameters

Field	Type	Field Name	Field Description	Required or not
PAYER_ACCOUNT	String(50)	Merchant's Epay account	Epay account (email) used by merchants for payment	Y
PAYEE_NAME	String(50)	Receiver Name	Eg: "Three little squirrels nuts"	Y
PAYMENT_AMOUNT	Number	Transaction Amount	Flat money keep two decimal places. Eg: 100.20 Cryptocurrency keep five decimal places. Eg: 10.20300	Y
PAYMENT_UNITS	String(10)	Transaction Currency	Support (USD,EUR,HKD,GBP,JPY,BTC,ETH,EOS ,BCH,LTC,XRP,USDT)	Y
PAYMENT_ID	String(50)	Merchant's Transaction No.	Input merchant's order number in this field. Suggested format: figures, English letters, or their combination ; Recommended length: More than 10 strings to avoid duplicate Order ID.	N
MEMO	String(500)	Payment Remarks	Payment notes	N
FORCED_PAYEE_ACCOUNT	String(50)	Payee Account	Receipt account	Y

Field	Type	Field Name	Field Description	Required or not
CHARACTER_ENCODING	String(10)	Coding Format	UTF-8	N
V2_HASH	String(32)	Signature	During the transfer process, in order to prevent the illegal manipulation of data(such as changing the currency, transaction amount or order number), it needs encrypted verification to protect merchant's interest, verification rules are as below: V2_HASH=MD5(PAYER_ACCOUNT: PAYMENT_AMOUNT:PAYMENT_UNITS:FORCED_PAYEE_ACCOUNT:API_KEY) (Do not change the number of decimal digits reserved) Eg: V2_HASH=MD5(eric@epay.com:100.20:USD:michael@yopmail.com:3c9abae1a1164828ac6d339f4fc98fd3)	Y

5. Return parameters

Field	Type	Field Name	Field Description	Required or not
RETURN_CODE	String	Return Code	Return code(0000 Succeed; 1111 Failed)	Y
RETURN_MSG	String	Return Messages	Return Messages	Y
PAYER_ACCOUNT	String	Merchant's Epay account	Epay account (email) used by merchants for payment	Y
ORDER_NUM	String	Epay Order No.	Order No. of Epay payment system	Y
PAYMENT_AMOUNT	String	Transaction Amount	Flat money keep two decimal places. Eg: 100.20 Cryptocurrency keep five decimal places. Eg: 10.20300	Y
PAYMENT_UNITS	String	Transaction Currency	Support (USD,EUR,HKD,GBP,JPY,BTC,ETH,EOS, BCH,LTC,XRP,USDT)	Y

Field	Type	Field Name	Field Description	Required or not
PAYMENT_ID	String	Merchant's Transaction No.	This field returns the order number filled in by the merchant, It will not be returned if the merchant does not fill in the request	N
FORCED_PAYEE_ACCOUNT	String	Payee Account	User's receipt account	Y
status	String	Transaction Status	1 Failed 2 Succeed	Y
timestampgmt	String	Operating Time	Operating time(yyyy-MM-dd HH:mm:ss)	Y
V2_HASH2	String	Signature	During the payment, in order to prevent the illegal manipulation of data(such as changing the currency, transaction amount or order number), it needs encrypted verification to protect merchant's interest, verification rules are as below: V2_HASH2=MD5(PAYMENT_ID:ORDER_NUM:PAYER_ACCOUNT:PAYMENT_AMOUNT:PAYMENT_UNITS:FORCED_PAYEE_ACCOUNT:STATUS:TIMESTAMPGMT:API_KEY) (Do not change the number of decimal digits reserved) Eg: V2_HASH2=MD5(P123456:G45645456454645:teset@epay.com:100.20:USD:michael@yopmail.com:1:2015-02-21 11:22:55:3c9abae1a1164828ac6d339f4fc98fd3)	Y

6. Java demo

<https://www.epay.com/en/demo/merPayment.zip>

7. Example of Request

```
<html>

  <head>

    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8" />

  </head>

  <body>

    <form name="form1" method="post" action="https://api.epay.com/paymentApi/merPayment" >

      <input name="PAYER_ACCOUNT" type="text" value="eric@epay.com" size="40" /><br>

      <input name="PAYEE_NAME" type="text" value=" Three little squirrels nuts " size="40" /><br>

      <input name="PAYMENT_AMOUNT" type="text" value="100.20" size="40" /><br>

      <input name="PAYMENT_UNITS" type="text" value="USD" size="40" /><br>

      <input name="PAYMENT_ID" type="text" value="123456789" size="40" /><br>

      <input name="MEMO" type="text" value="" size="40" /><br>

      <input name="FORCED_PAYEE_ACCOUNT" type="text" value="michael@yopmail.com" /><br>

      <input name="CHARACTER_ENCODING" type="text" value="UTF-8" size="40" /><br>

      <input name="V2_HASH" type="text" value="" size="40" /><br>

      <input type="submit" name="submit" id="submit" value="submit" />

    </form>

  </body>

</html>
```

8. Example of Successful Response

```
{

  "RETURN_CODE": "0",

  "RETURN_MSG": "success",

  "PAYER_ACCOUNT": "ccy0003@139.com",

  "ORDER_NUM": "P2017082510029044",

  "PAYMENT_AMOUNT": "0.10",

  "PAYMENT_UNITS": "USD",

  "PAYMENT_ID": "201708251050001000",

  "FORCED_PAYEE_ACCOUNT": "331654645@qq.com",

  "status": "2",

  "timestampgmt": "2017-08-25 17:16:03",

  "V2_HASH": "dd12ddb5bbb4f2c573e16b09ea6ca79d",

  "V2_HASH2": "00ef0ad8a0608c29f1fe4c32e9c2d9d6"

}
```

IV. E-wallet Withdrawal Interface

1. Functional description

Withdraw balance from Epay account to Perfect Money, WebMoney, OKPAY, PayPal, AdvCash, FasaPay or Payeer.

2. Access address

Real environment address: <https://api.epay.com/paymentApi/eleWithdraw>

Please contact Epay staff for test environment information;

3. HTTP request method

POST

4. Input parameters

Field	Type	Field Name	Field Description	Required or not
PAYER_ACCOUNT	String(50)	Merchant's Epay account	Epay account (email) used by merchants for withdrawal	Y
PAYMENT_AMOUNT	Number	Transaction Amount	Withdrawal amount	Y
PAYMENT_UNITS	String(10)	Transaction Currency	Perfect Money supports USD, EUR; WebMoney supports USD; OKPAY supports USD, EUR; Payeer supports USD, EUR; AdvCash supports USD, EUR; PayPal supports USD; FasaPay supports USD	Y
BANK_ACCOUNT	String(50)	Receiving Account	The account used for receiving money	Y
MEMO	String(50)	Remarks	Withdrawal instruction	N
TYPE	String(10)	Transaction Type	Transaction types(1-Perfect Money; 2-Webmoney; 3-OKPAY; 4-Payeer; 5-AdvCash;7-PayPal; 8-FasaPay)	Y
PAYMENT_ID	String(150)	User Transaction No.	Input user's order number in this field. Suggested format: figures, English letters, or their combination ; Recommended length: More than 10 strings to avoid duplicate Order ID.	Y

Field	Type	Field Name	Field Description	Required or not
V2_HASH	String(32)	Signature	During the withdrawal process, in order to prevent the illegal manipulation of data(such as changing the currency, transaction amount or order number), it needs encrypted verification to protect merchant's interest, verification rules are as below: V2_HASH={MD5(PAYMENT_ID:PAYE R_ACCOUNT:BANK_ACCOUNT:PAYM ENT_AMOUNT:PAYMENT_UNITS:TYP E:API_KEY)} (Do not change the number of decimal digits reserved) Eg: V2_HASH={MD5(6287923:test@epay.co m:U1230611:100.20:USD:1:3c9abae1a116 4828ac6d339f4fc98fd3)}	Y

5. Return parameters

Field	Type	Field Name	Field Description	Required or not
RETURN_CODE	String	Return Code	Return code (0000 Transaction succeed; 1111 Transaction failed)	Y
RETURN_MSG	String	Returned Messages	Returned messages	Y
TRAN_INFO	Info	Transaction Details	Transaction details	Y
TRAN_INFO.TRAN_ID	String	Epay Order No.	Order number of Epay payment system	Y
TRAN_INFO.PAYMENT_ID	String	Merchant's Transaction No.	Merchant's order number	Y
TRAN_INFO.BANK_ACCOUNT	String	Receiving account	The account used for receiving money	Y
TRAN_INFO.PAYMENT_AMOUNT	String	Transaction Amount	Flat money keep two decimal places. Eg: 100.20 Cryptocurrency keep five decimal places. Eg: 10.20300	Y

Field	Type	Field Name	Field Description	Required or not
TRAN_INFO.PAYMENT_UNITS	String	Transaction Currency	Support (USD,EUR)	Y
TRAN_INFO.STATUS	String	Transaction Status	Transaction status(0-pending, 1-failed, 2-succeed)	Y
TRAN_INFO.CREATE_TIME	String	Created time	Created time	Y
TRAN_INFO.MEMO	String	Remarks	Withdrawal instruction	Y
TRAN_INFO.V2_HASH	String	Signature	V2_HASH={MD5(PAYMENT_ID:TRAN_ID:BANK_ACCOUNT:PAYMENT_AMOUNT:PAYMENT_UNITS:STATUS:CREATE_TIME:API_KEY)} (Do not change the number of decimal digits reserved) Eg: V2_HASH={MD5(6287923:G201808241000:U1230611:100.20:USD:1:20180824120000:3c9abae1a1164828ac6d339f4fc98fd3)}	Y

6. Java demo

<https://www.epay.com/en/demo/eleWithdraw.zip>

7. Example of Request

```
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=GBK" />
</head>
<body>
<form name="form1" method="post" action="https://api.epay.com/paymentApi/eleWithdraw" >
PAYER_ACCOUNT:<input name="PAYER_ACCOUNT" type="text" value="chengxiaoyan@epay.com"
size="50" />*<br>
PAYMENT_AMOUNT:<input name="PAYMENT_AMOUNT" type="text" value="0.50" size="50" />*<br>
PAYMENT_UNITS:<input name="PAYMENT_UNITS" type="text" value="USD" size="50" />*<br>
BANK_ACCOUNT:<input name="BANK_ACCOUNT" type="text" value="E12222222" size="50" />*<br>
MEMO:<input name="MEMO" type="text" value="message" size="50" />*<br>
TYPE:<input name="TYPE" type="text" value="1" size="50" />*<br>
PAYMENT_ID:<input name="PAYMENT_ID" type="text" value="20170824165210100" size="50" />*<br>
V2_HASH:<input name="V2_HASH" type="text" value=" 02e969588b4937f906688b6f8af25660" size="32"
/><br>
<input type="submit" value="submit" >
</form>
</body>
```

8. Example of Successful Response

```
{
  "RETURN_CODE": "0000",
  "RETURN_MSG": "SUCCESS",
  "TRAN_INFO": {
    "CREATE_TIME": "20170419153225",
    "PAYMENT_AMOUNT": "0.01",
    "PAYMENT_UNITS": "USD",
    "PAYER_ACCOUNT": "243664473@qq.com",
    "MEMO": "test",
    "STATUS": "0",
    "BANK_ACCOUNT": "243664473@qq.com",
    "PAYMENT_ID": "123456",
    "TRAN_ID": "E10022685",
    "V2_HASH": "02e969588b4937f906688b6f8af25660",
  }
}
```

V. Query Transaction History

1. Functional description

Checking all the transaction records.

2. Access address

Real environment address: <https://api.epay.com/paymentApi/getTransactionRecords>

Please contact Epay staff for test environment information;

3. HTTP request method

POST

4. Input parameters

Field	Type	Field Name	Field Description	Required or not
PAYER_ACCOUNT	String(50)	Merchant's Epay account	Merchant's own Epay account (e-mail)	Y
STATUS	String(20)	Transaction Status	Transaction status (1. Completed, 2. Failed, 10. Pending)	N
TYPE	String(20)	Transaction Type	Transaction type (3. Pay Online,1. Receive Money,2.Withdraw via e-currency)	N
TRAN_ID	String(50)	Epay Order No.	Order number of Epay payment system	N
PAYMENT_ID	String(50)	Merchant's Transaction No.	Merchant's order number	N
BEGIN_CREATE_TIME	String(20)	Created Time	Created time Eg: 20170824151000	N
END_CREATE_TIME	String(14)	Ended Time	Ended Time Eg: 20170824152000	N
PAGE_SIZE	String(20)	The Number of Per Page	The number of per page (the default: 20)	N
PAGE_NUM	String(20)	Current Page	Current page(the default: 1)	N
V2_HASH	String(32)	Signature	V2_HASH={MD5(PAYER_ACCOUNT:A PI_KEY)} (Do not change the number of decimal digits reserved)	Y

Field	Type	Field Name	Field Description	Required or not
			Eg: V2_HASH={MD5(test@epay.com:3c9abae1a11 64828ac6d339f4fc98 fd3)}	

5. Return parameters

Field	Type	Field Name	Field Description	Required or not
RETURN_CODE	String	Return Code	Return code(0000 transaction succeed; 1111 transaction failed)	Y
RETURN_MSG	String	Returned Messages	Returned messages	Y
PAGE_SIZE	String	Total Pages	Total pages	Y
PAGE_NUM	String	Total Number of Articles	Total number of articles	Y
TRAN_LIST	List	Collection of Transaction Details	Collection of transaction details	Y
TRAN_LIST.TRAN_ID	String	Epay Order No.	Order number of Epay payment system	Y
TRAN_LIST.PAYMENT_ID	String	Merchant's Transaction No.	This field returns the order number filled in by the merchant	N
TRAN_LIST.PAYER	String	Payer E-mail	Payer E-mail	Y
TRAN_LIST.PAYEE	String	Payee E-mail	Payee E-mail	Y
TRAN_LIST.AMOUNT	Number	Transaction Amount	Transaction amount	Y
TRAN_LIST.CURRENCY	String	Transaction Currency	Currency code	Y
TRAN_LIST.CODE	String	Verification Code	Verification code	N
TRAN_LIST.STATUS	String	Transaction Status	Transaction status (1. Completed, 2. Failed, 10. Pending)	Y
TRAN_LIST.TYPE	String	Transaction type	Transaction type (3. Pay Online, 1. Receive Money, 2. Withdraw via e-currency)	Y
TRAN_LIST.CREATE_TIME	String	Created time	Created time	Y
TRAN_LIST.REMARK	String	Remarks	Remarks	N
TRAN_LIST.V2_HASH	String	Signature	V2_HASH={MD5(TRAN_ID:PAYER:PAYEE:AMOUNT:CURRENCY:STATUS:API_KEY)} (Do not change the number of decimal digits reserved) Eg:	

Field	Type	Field Name	Field Description	Required or not
			V2_HASH={MD5(G201808251000:chengxiaoyan@epay.com:test@epay.com:12.21:USD:1:3c9abae1a1164828ac6d339f4fc98fd3)}	

6. Example of Request

```

<html>
<head>
meta http-equiv="Content-Type" content="text/html; charset=GBK" />
</head>
<body>
<form name="form1" method="post" action="https://api.epay.com/paymentApi/getTransactionRecords" >
PAYER_ACCOUNT:<input name="PAYER_ACCOUNT" type="text" value="chengxiaoyan@epay.com"
size="50" />*<br>
STATUS:<input name="STATUS" type="text" value="" size="20" />*<br>
TYPE:<input name="TYPE" type="text" value="" size="20" />*<br>
TRAN_ID:<input name="TRAN_ID" type="text" value="" size="50" />*<br>
PAYMENT_ID:<input name="PAYMENT_ID" type="text" value="" size="50" />*<br>
BEGIN_CREATE_TIME:<input name="BEGIN_CREATE_TIME" type="text" value="" size="14" />*<br>
END_CREATE_TIME:<input name="END_CREATE_TIME" type="text" value="" size="14" />*<br>
PAGE_SIZE:<input name="PAGE_SIZE" type="text" value="" size="20" />*<br>
PAGE_NUM:<input name="PAGE_NUM" type="text" value="" size="1" />*<br>
V2_HASH:<input name="V2_HASH" type="text" value="039904501611dd29b0fcc9cf530d96ea" size="32"
/>*<br>
<input type="submit" value="submit" >
</form>
</body>
</html>

```

7. Example of Successful Response

```

{
  "RETURN_CODE": "0000",
  "RETURN_MSG": "SUCCESS",
  "PAGE_SIZE": "20",
  "PAGE_NUM": "3",
  "TRAN_LIST": [
    {
      "TRAN_ID": "1409908530443",

```



```
"PAYER": "243664473@qq.com",
"PAYEE": "viper@yopmail.com",
"AMOUNT": "100.00",
"CURRENCY": "USD",
"CODE": "",
"STATUS": "3",
"TYPE": "1",
"CREATE_TIME": "20170805171530",
"REMARK": "00",
"V2_HASH": "02e969588b4937f906688b6f8af25660"
},
{
  "TRAN_ID": "1409909635965",
  "PAYER": "243664473@qq.com",
  "PAYEE": "viper@yopmail.com",
  "AMOUNT": "100.00",
  "CURRENCY": "USD",
  "CODE": "",
  "STATUS": "3",
  "TYPE": "1",
  "CREATE_TIME": "20170805171630",
  "REMARK": "11",
  "V2_HASH": "21e969588b4937f906688b6f8af25660"
},
{
  "TRAN_ID": "1409994045186",
  "PAYER": "243664473@qq.com",
  "PAYEE": "594584188@qq.com",
  "AMOUNT": "10.05",
  "CURRENCY": "USD",
  "CODE": "",
  "STATUS": "2",
  "TYPE": "1",

  "CREATE_TIME": "20170805171630",
  "REMARK": "",
  "V2_HASH": "12e969588b4937f906688b6f8af25660"
}
]
```

VI. Query Balance

1. Functional description

Query current account balance for all currencies.

2. Access address

Real environment address: <https://api.epay.com/paymentApi/getAccountBalance>

Please contact Epay staff for test environment information;

3. HTTP request method

POST

4. Input parameters

Field	Type	Field Name	Field Description	Required or not
PAYER_ACCOUNT	String(50)	Merchant's Epay account	Merchant's own Epay account (e-mail)	Y
V2_HASH	String(32)	Signature	V2_HASH={MD5(PAYER_ACCOUNT:API_KEY)} (Do not change the number of decimal digits reserved) Eg: V2_HASH={MD5(test@epay.com:3c9a bae1a1164828ac6d339f4fc98fd3)}	Y

5. Return parameters

Field	Type	Field Name	Field Description	Required or not
RETURN_CODE	String	Return code	Return code(0000 Transaction succeed; 1111 Transaction failed)	Y
RETURN_MSG	String	Return Messages	Return messages	Y
ACCOUNT_LIST	List	Collection of Transaction Details	Collection of transaction details	Y
ACCOUNT_LIST.CURRENCY	String	Currency	Currency	Y
ACCOUNT_LIST.BALANCE	String	Balance	Balance	Y

Field	Type	Field Name	Field Description	Required or not
ACCOUNT_LIST. V2_HASH	String	Signature	V2_HASH={MD5(PAYER_ACCOUNT:CURRENTY:BANLANCE:API_KEY)} (Do not change the number of decimal digits reserved) Eg: V2_HASH={MD5(test@epay.com:12.21:USD:3c9abae1a1164828ac6d339f4fc98fd3)}	Y

6. Example of Request

```

<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=GBK" />
</head>
<body>
<form method="post" action="https://api.epay.com/paymentApi/getAccountBalance" >
PAYER_ACCOUNT:<input name="PAYER_ACCOUNT" type="text" value="chengxiaoyan@epay.com"
size="50" /><br>
V2_HASH:<input name="V2_HASH" value="039904501611dd29b0fcc9cf530d96ea" type="text" value=""
size="32" /><br>
<input type="submit" value="submit" >
</form>
</body>
</html>

```

7. Example of Successful Response

```
{
  "RETURN_CODE": "0000",
  "RETURN_MSG": "SUCCESS",
  "ACCOUNT_LIST": [
    {
      "CURRENCY": "USD",
      "BALANCE": "12.21",
      "V2_HASH": "02e969588b4937f906688b6f8af25660"
    },
    {
      "CURRENCY": "EUR",
      "BALANCE": "1.21",
      "V2_HASH": "12349588b4937f906688b6f8af25660"
    }
  ]
}
```

VII. KYC Information Transmission

1. Functional description

Transfer the user's KYC information to Epay.

2. Access address

Real environment address: <https://api.epay.com/paymentApi/auth/epay/kyc>

Please contact Epay staff for test environment information;

3. HTTP request method

POST

4. Input parameters

Field	Type	Field Name	Field Description	Required or not
email	String(50)	User's Email	E-mail addresses of customers who make a transaction with merchants	Y
merchant_email	String(50)	Merchant's Email	Merchant's own Epay account (e-mail)	Y

Field	Type	Field Name	Field Description	Required or not
kyc_info	String	Information of KYC	Json String, format reference "kyc_info Format description"	Y
status_url	String(200)	Token url		Y
password	String(50)	Password	Default password when generating an EPAY account	Y
sign	String(50)	Signature	sign=MD5(email:merchant_email:kyc_info:password:API_KEY)	Y

5. Return parameters

Field	Type	Field Name	Field Description	Required or not
status	String(50)	Status	Whether the customer information was saved successfully 1 failed 2 successful	Y
msg	String	Status description		Y

6. Example of Request

```
*kyc_info format description
{
  "country": "CN", // User country
  "certificateType": "2", // 1: Identity Card 2: Passport 6: Driving license 7: Mainland Travel Permit
for Taiwan Residents 8: Entry & Exit Pass of HongKong and Macau 9: Other
  "passportId": "1234567890", // Identification Number
  "passportFile": {"front": "https://www.file.com/file/123.jpg", "reverse": "https://www.file.com/file/123.jpgdz"},
  "expirationTime": "2025/08/12", "city": "xx", // Id document information 1 (front: Front certificate
photo, reverse: Reverse certificate photo, expirationTime: Expiration time, city: Certificate City)
  "handHeldFile": {"normal": "https://www.file.com/file/123.jpg"},
  "statement": "https://www.file.com/file/123.jpg", // Id document information 2 (normal:
Face+identity documents, statement: Face+Epay statement)
  "lastName": "Chen", // last Name
  "firstName": "xx", // first Name
  "gender": "M", // M: Male, F: female
  "birthdate": "1997/08/12", // date of birth: yyyy/MM/dd
  "addressInfo": {"country": "xx", "city": "xx", "addressDetail": "xx", "proofFile": "https://www.file.com/
file/123.jpg", "certificatesType": "6"}, // Address information (country: Country or region of residence , city:
Residential city, addressDetail: Detailed address information, proofFile: Address certificate; certificatesType:
1. Water Bill、 2. Electricity Bill、 Gas Bill、 4. Bank Statement、 5. Credit Card Statement、 6. Address
certificate、 7. Other)
  "type": "P", // P: personal
  "occupation": "xx", // P: occupation
  "sourcesOfFunds": "xx" // P: Source of funds
}
```

VIII. KYC Audit Results

1. Functional description

Transfer the results of Epay's audit of KYC information.

2. Access address

3. HTTP request method

POST

4. Input parameters

Field	Type	Field Name	Field Description	Required or not
status	String(50)	Status	1 failed 2 successful	Y
message	String(200)	Return Information	When status = 1, this parameter represents the cause of KYC's failure.	Y
email	String(50)	User's Email	E-mail addresses of customers who make a transaction with merchants	Y
sign	String(50)	Signature	Default password when generating an EPAY account	Y

5. Return parameters

Field	Type	Field Name	Field Description	Required or not
status	String(50)	Status	1 failed 2 successful	Y