



**2M DOTNET**  
Commercial Agencies LTD

## 2M Integration Guide

*Easy , fast and secure*

## 2M Integration Technical guide

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# 2M Integration Guide

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# Introduction

# 2M Integration Guide

## 1. Introduction

- The 2M payment methods allow merchants to receive transaction's money from their customer. It allows transaction in two ways "User Account and 2M Coins".
- The customer will be redirected to 2M website to choose his payment method. After completing the payment process, the customer will return to the merchant website with its payment status. This documentation will explain how the process will be done.
- Who will use this documentation?  
This document is intended for software developers with experience in third party integrations solution for merchant's e-buy platform.  
The integration's details are suitable for all programming languages.



# Payment Gateway integration

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## Transaction Flow

A payment transaction on 2M Merchant Payment Gateway works as follows:

1. A Client visits your website and selects to purchase a Product/Service.
2. The Client follows your purchase flow and proceeds to the payment section (checkout page) of your website.
3. The Client selects to pay with 2M Merchant.
4. The client will be redirected to a 2M Merchant Payment Page where the description of the Product/Service and the total price to is presented.
5. The Client choose they way he wants to pay with (2M coins or using his wallet) and authorities the payment.
6. 2M Merchant validates the payment. If the transaction is approved, it is executed in real time and stored in the 2M Merchant system.
7. In case of any error, 2M Merchant will display a relevant error message for the Client.
8. After execution of a transaction the Client is redirected to a predefined section of the Merchant's website (Return URL).





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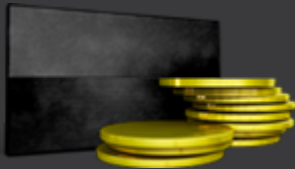
## 1. Payment methods

Customer can pay via two ways:

1. Using 2M Coins



2. Using his wallet in 2M





# 2M Integration Guide

## Required setup

1. Login to your account from  
<https://2mdotnet.com/portal/business/login>  
Write the sent user name, password and choose  
online merchant
2. Go to Merchant Management and select secret  
key and put your secret key to use in the unique ID
3. From merchant management go to service setup  
and enter your information.



# Parameters (Incoming Variables)

Field Name	Description	Required	Example
userId	User identifier on the merchant website	True	43345
accountId	Merchant ID at 2M account	True	1002302
accountPassword	Md5 for merchant account password	True	md5('4670738');
Amount	The total amount, you want to transfer which is the value of the product/service user will buy/use.	True	23
Currency	Merchant currency at 2M account	True	USD
uniqueId	Description below the table	True	937e9bc419e4e4277 928269
Message	Merchant message that will appeared to the user	False	Pay 30 USD and get our product!
testMode	If “1” you are in test mode no transaction happened, if “0” you are in real mode	True	0
returnUrl	The url that will be receive the status and user will be return	True	<a href="http://www.example.com/paymentComplete/">www.example.com/paymentComplete/</a>
logo_link	Merchant logo that will be displayed to the user , if it is false the default merchant URL will be displayed.	False	<a href="http://www.example.com/images/logo.png">www.example.com/images/logo.png</a>

# Parameters (Incoming Variables)

## Example:

Below is an example (but not recommended) on how to post the parameters, it can be used with any

programming language and is based on HTML FORM tag (values are fictitious):

```
<form action="https://www.cashu.com/cgi-bin/pcashu.cgi" method="post">
<input type="hidden" name="user_id" value="1234">
<input type="hidden" name="merchant_id" value="XYZ">
<input type="hidden" name="account_pas" value="66a31cd699d8d9cb454df1f6cec30c2c">
<input type="hidden" name="amount" value="125">
<input type="hidden" name="currency" value="LE">
<input type="hidden" name="language" value="en">
<input type="hidden" name="unique_id" value="Xxxx">
<input type="hidden" name="message" value="Hello user">
<input type="hidden" name="test_mode" value="0">
<input type="hidden" name="commision_on" value="merchant">
<input type="hidden" name="return_url" value="www.example.com">
<input type="submit" value="Pay with 2M merchant!">
</form>
```

Merchants should set the parameters as hidden fields of the HTML FORM tag and set the action attribute for it to be the 2M merchant POST URL.

# Parameters (Incoming Variables)

## Parameters constrains:

### Currency:

It must be in the next values ( 'LE' , 'KWD' , 'SYP' , 'QAR' , 'AED' , 'SRA' , 'USD' ).

### Uniqueld:

you can calculate unique id as the following equation.

```
secret_key = substr(md5('secretKey'),7)
```

```
// in the example subprt return sub string to the index 7
```

```
//example : substr('abcdefghijk',7) return 'abcdefgh'
```

```
uniqueld = sha1(' userId '+' amount ':' + secret_key)
```

replace the variable with your correct parameter , you can get the uniqueld

### TestMode:

it must be in ( 0 , 1 ) as integer .

# Parameters “Out coming variables”

Field Name	Description	Example
userId	User identifier on the merchant website	43345
status	Description below the table	-3
error_message	Description below the table	Invalid Credentials
amount	The total transferred amount	23
currency	Merchant currency at 2M account	USD
accountId	Merchant currency at 2M account	1002302
uniqueId	As like as unique id in the previous table	937e9bc419e4e427792 8269
hashKey	Description in the previous page	8318813f8706a1f
testMode	If “1” you are in test mode no transaction happened, if “0” you are in real mode	0
timeStamp	Server time stamp	Sat Jul 23 02:16:57 2005

# Status table

Status	Error message
0	Transaction Done Successfully
-1	You Are Not Authorized
-2	Invalid Credentials
-3	Account Not Active
-4	Invalid Parameters
-5	Invalid Hash Key
-6	This Account have been used is Not Active
Other wise	Unknown Problem

# Description of the forms




# Description of the forms

- Each page displays information about the payment and the recipient.
- Field Service Provider corresponds to the variables RECIPIENT\_NAME, Account No RECIPIENT\_ACCOUNT, Service type - PRODUCT, Amount - AMOUNT and CURRENCY, Company logo - URL\_LOGO.
- Interface language is set according to the variable LANG.  
If the variable is not set, then the default interface's language will be English.
- The Client may at any time change the language interface from the upper right corner of the page.
- Customer will have the opportunity to choose the payment method from the form:
  1. Using his account.
  2. Using 2M Coins prepaid cards.

# Description of the forms



# Payment using 2M Wallet



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Account	1001
Message	Hello OurUser
Coins	1 USD = 7.5 Coins


**2M Wallet**

Username

Password

Captcha





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2MDOTNET is an electronic wallet that allows you to make instant purchases on the Internet at no risk and pay conveniently with your favorite local payment method.

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# Description of the forms

## 1. Payment using 2M Coins prepaid cards.

**This payment method does not require prior authorization in the system. The customer must fill the field to identify the prepaid card in 2M system. It is the serial number, password code,. verification code.**

**If the value of a prepaid card is less than the amount of payment, your payment will not be done, If the value of the cards is more than the amount of the payment, the net balance will be remained in the card to enable 2MCoins 'a customer to use this remained balance in other time.**

# Payment using 2M Coins



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Account	1001
Message	Hello OurUser
Coins	1 USD = 7.5 Coins


**2M Coins**

Serial

Password

Captcha








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**Thank You!**

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