

UMAPI Lite

Quick Start Guide

1 Integration
You can choose
Debit or Credit or
both!



Welcome to UMAPI Lite! The eNETS Payment Service or UMAPI Lite was introduced by eNETS to act as a common entry point for merchants to access the full spectrum of eNETS payment methods.

You can use HTML or any web programming language in the integration. There is **NO** scripting in the installation required and you can use the shared host posting.

This quick guide document aims to provide merchants with the necessary information on how to integrate with the eNETS Payment Service (UMAPI Lite).

The Two Packages

Merchants with their own website and shopping carts for capturing consumer orders need to direct their consumers to the eNETS UMAPI Lite system. This is done after consumer orders have been confirmed.

Below is the **Uniform Resource Locator (URL)** where merchants direct their consumers. This URL is only for the merchant to integrate with the eNETS UMAPI Lite system. Consumers cannot click this URL directly.

eNETS Production UMAPI Lite URL:
<https://www.enets.sg/enets2/enps.do>

Fig. 1 shows the list of mandatory parameters to pass to eNETS UMAPI Lite:

Parameter Name	Max Length	Remark
mid	-	Unique merchant ID issued by an eNETS credit or debit. For UMID transactions, mid field should contain the UMID.
amount	50	The transaction amount format must be \$\$\$.cc where \$ stands for dollar and c stands for cents.
txnRef	30	The transaction reference number must be unique to enable merchants to identify each particular transaction. <i>Note: If merchants wish to support 3D credit transactions, the transaction reference number is limited to 20 characters.</i>
umapiType	4	The constant value is 'lite'

Fig 1: Parameters List

See how UMAPI Lite Works!
Go to <http://www.enets.com.sg/>
Choose Products & Services



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Below is the sample code for a merchant's shopping cart integrating with the eNETS UMAPI Lite system.

Note: Only http post method is accepted.

```
<form name="cart" method="post" action="<a href="https://www.enets.sg/enets2/enps.do">https://www.enets.sg/enets2/enps.do">
<input type="hidden" name="amount" value="xxx">
<input type="hidden" name="txnRef" value=" xxxxxxxxx " >
<input type="hidden" name="mid" value=" xxxxxxxxx " >
<input type="hidden" name="umapiType" value="lite">
</form>
```

Fig 2: Sample Code for Merchant with Web Site and Shopping Cart



Merchants with their own web sites but do not have shopping carts, need to direct their consumers to the eNETS UMAPI Lite system. This should be done after the consumers have stated their intention to purchase the

good and services. The order information will be entered at the eNETS UMAPI Lite.

Below is the URL that merchants should direct their consumers to go. As part of the direction, pass to eNETS UMAPI Lite the following mandatory parameters (see Fig. 3.

eNETS UMAPI Lite URL:
<https://www.enets.sg/enets2/enps.do>

Parameter Name	Max Length	Remark
mid	-	Unique merchant Identify ID issued by eNets administrator. For UMID transactions, mid field should contain the UMID.
umapiType	4	Constant value "lite"

Fig 3 Parameters List

Fig. 4 shows a sample code for a merchant with a shopping cart integrating with the eNETS UMAPI Lite system

Note: Merchants can also choose to redirect and perform post processing before directing consumer to eNETS UMAPI Lite system

```
<form name="cart" method="post" action="<a href="https://www.enets.sg/enets2/enps.do">https://www.enets.sg/enets2/enps.do">
<input type="hidden" name="mid" value=" xxxxxxxxx " >
<input type="hidden" name="umapiType" value="lite">
</form>
```

Fig 4 Sample Code for Merchant with Web Site but does not have a Shopping Cart