

# UMAPI Lite

## Quick Start Guide

**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.

In integrating your system with UMAPI Lite, you can use HTML or any web programming language. There is NO scripting required in the installation and you can use shared host posting.

This quick guide document aims to provide merchants with the necessary information on how to integrate with the eNETS Payment Service or 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 the consumer orders have been confirmed.

Below is the Uniform Resource Locator (URL) where merchants direct their consumers. This URL is only the merchant's way 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>

Below is a list of the mandatory parameters to pass to eNETS UMAPI Lite:



Figure 1: Credit Payment Page

| Name      | Max Length | Remarks   |
|-----------|------------|---|
| mid       | -          | Unique merchant ID issued by eNETS as credit or debit.  |
| amount    | 50         | Transaction amount format must be \$\$cc where \$ dollar and c as cents.  |
| txnRef    | 30         | The transaction reference number must be unique to enable merchants to identify each particular transaction.<br><b>Note:</b> If merchants wish to support 3D credit transactions, the transaction reference number is limited to 20 characters. |
| umapiType | 4          | The constant value is "lite"  |

Below is a 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</a>">
<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>
```



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Merchants with their own websites but do not have shopping carts, need to direct their consumers to the eNETS UMAPI Lite system. This is done after the consumers have stated their intention to purchase the selected goods and services. The order information are entered at the eNETS UMAPI Lite page with the following parameters below:

| Name      | Max Length | Remarks  |
|-----------|------------|--|
| mid       | -          | Unique merchant ID issued by eNETS as credit or debit. |
| umapiType | 4          | The constant value is "lite"                           |

Below is a sample code for merchants with a shopping cart integrating with the eNETS UMAPI Lite system:

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

After merchants direct the consumers to eNETS UMAPI Lite system, consumers will see a payment order page (also known as collection page) for them to view / enter order details and select payment method

Figure 2: Collection Page

Figure 3: Debit Selection of Bank Page

Figure 4: Pop-up of Successful Transaction