

# DeltaPAY v2 Merchant Integration Specifications

## (HTML - v1.8)

### Overview

This document provides integration and usage instructions for using **DeltaPAY** card processing system as a payment mechanism in e-commerce sites. This document assumes you have familiarity with your website and payment processing procedures as well as that you are capable of HTML programming.

**Note:** Information about how to customize your payment page or how to proceed about payments and reports of **DeltaPAY** system are not part of this document and are included in **DeltaPAY** Merchant User Manual.

### Integration

In order to use **DeltaPAY** system the merchant has to perform the following steps:

1. On the final confirmation page of the order, add code to invoke the payment page with the appropriate data.
2. Create another web page for success response (see section HTML Pages)
3. Create more web pages for error and cancel response (see section HTML Pages). Add code to display error message.

**Note:** Depending upon the merchant's website architecture the above steps may vary as the same page with scripting code could be used for all purposes.

### HTML Pages

Page	Description
Payment page	This is the page that will invoke <b>DeltaPAY</b> in order to process the payment (Payment message). You will have to specify this page to <b>DeltaPAY</b> administrators as it is controlled as the referrer page for security reasons. If payment is invoked by another page, an error message occurs to the client.
Success page	This HTML page will be invoked by <b>DeltaPAY</b> when the transaction is successful (Response message).
Failure page	This HTML page will be invoked by <b>DeltaPAY</b> when the transaction has failed. The error message will be included (Response message).
Cancel page	This HTML page will be invoked by <b>DeltaPAY</b> when the transaction is cancelled by the user (Response message).

**Note:** The URLs of all above pages have to be communicated to **DeltaPAY** administrators in order to update your merchant profile before trying to perform any payments. If there is an error, you will get a **DeltaPAY** information screen displaying the type of the error message (see section Error Message).

## Message Definition

### Payment message (Merchant site to DeltaPAY)

This message is a form element that will be posted to the following URL:

<https://www.deltapay.gr/entry.asp>

Field	Value
MerchantCode	Your MerchantCode provided by <b>DeltaPAY</b> administrators.
Charge	The amount you want to charge (decimals should be formatted with a comma separator e.g. 10,50)
CurrencyCode	ISO standards 4217 numeric currency code (e.g. 978 for Euro or 840 for US Dollar) <sup>1</sup>
CardHolderName	You should provide the client's name <sup>2</sup>
CardHolderEmail	You should provide the client's email address. <sup>3</sup> <b>DeltaPAY</b> system will use this email to send an email message to the user when the transaction will be settled.
Installments	In case you are allowed to use installments feature <sup>4</sup> , you should provide the number of installments for this payment.
TransactionType	Required ONLY if you have an arrangement with the bank for using both on-line and off-line transactions on the same time. Values: <ul style="list-style-type: none"> <li>➤ 0 for off-line</li> <li>➤ 1 for on-line</li> </ul>
Param1	Any parameter you want to have included in the response page (e.g. Invoice ID)
Param2	Any parameter you want to have included in the response page (e.g. Client ID)

<sup>1</sup> Additional info available on <http://www.iso.ch> or <http://www.unece.org/cefact/rec/cocucod.htm> or <http://www.thefinancials.com/vortex/CurrencyFormats.html>

<sup>2</sup> Optional: If not provided then the user will be prompted to enter it.

<sup>3</sup> Optional: If not provided then the user will be prompted to enter it.

<sup>4</sup> This option should be enabled by **DeltaPAY** system administrator.

### Response messages (DeltaPAY to Merchant site)

This message is a form element that will be posted to the URLs provided by the merchant (see section HTML Pages) depending on the status of the transaction.

Field	Value
Charge	The amount included in the payment message
CurrencyCode	ISO standards 4217 numeric currency code included in the payment message
Currency	Currency literal
Param1	The parameter you have included in the payment message (e.g. Invoice ID)
Param2	The parameter you have included in the payment message (e.g. Client ID)
DeltaPayId	The unique transaction ID of the <b>DeltaPAY</b> system
Result	The status of the payment: 1: Successful 2: Error 3: Cancelled
ErrorMessage	The error message (when Result = 2, else empty)

### Error Message (if your merchant profile is not correct)



## Sample Code

### Payment page

```
<HTML>
<BODY>
<!-- ... your html code is here ... -->

<FORM action="https://www.deltapay.gr/entry.asp" method="post">
<input type="hidden" name="merchantcode" value="12345">
<input type="hidden" name="charge" value="10,50">
<input type="hidden" name="currencycode" value="978">
<input type="hidden" name="cardholdername" value="John Doe">
<input type="hidden" name="cardholderemail" value="john@domain.com">
<input type="hidden" name="installments" value="0">
<input type="hidden" name="transactiontype" value="0">
<input type="hidden" name="param1" value="12345">
<input type="hidden" name="param2" value="Client Name">
<input type="submit" value="Pay with DeltaPAY">
</FORM>

<!-- ... your html code is here ... -->
</BODY>
</HTML>
```

### Successful page

```
<HTML>
<BODY>
<!-- ... your html code is here ... -->
<H1> Your payment was successful </H1>
<!-- ... your html code is here ... -->
</BODY>
</HTML>
```

### Error page

```
<HTML>
<BODY>
<!-- ... your html code is here ... -->
<H1> Your payment was not successful </H1>
<H2> There was an error while processing your payment </H2>
<!-- ... your html code is here ... -->
</BODY>
</HTML>
```

### Cancel page

```
<HTML>
<BODY>
<!-- ... your html code is here ... -->
<H1> Your payment was cancelled </H1>
<!-- ... your html code is here ... -->
</BODY>
</HTML>
```

## APPENDIX

### Operating Systems and Browsers Tested

DeltaPAY payment pages have been already tested with the following operating systems and browsers:

Operating System	Browsers
Windows 98/ME/2000/XP	<ul style="list-style-type: none"> <li>a. Internet Explorer 5+</li> <li>b. Netscape Communicator 7+</li> <li>c. Opera 7+</li> <li>d. Mozilla 1.6+</li> </ul>
Linux (KDE v3.1.4)	<ul style="list-style-type: none"> <li>a. Mozilla 1.4+</li> <li>b. Netscape Communicator 7.1+</li> <li>c. Konqueror 3.1.4+</li> </ul>

Browsers not mentioned above might also work properly when based on standards for Javascript support.