

Web Active Corporation

# eWAY AU “Hosted Payment” Page

Full Analysis and Data Type Field Specifications

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## Introduction

This document will specify the methods in which you can process payments with eWAY using our 'Hosted Page'. It will discuss the full security and customisation benefits that will be available to you and your customers.

The 'Hosted Page' is a webpage hosted on eWAY's side eliminating the need for merchants to capture, transmit or store credit card numbers. At the checkout time the merchant automatically redirects the customer to the 'Hosted Page' where they would enter their details and have the transaction processed. Upon completion of the transaction the customer is redirected with a response message back to a page of the merchants' choice.

A preview of the basic page can be seen below:



**Secure Transaction Gateway**

Customised Page Description - Add a unique custom message for the customer here.

**Merchant Details**

Company: Merchant Company Name

**Customer Details**

First Name: John

Last Name: Doe

E-mail: sample@eway.com.au

Address: 123 ABC Street

City: Sydney

State: NSW

Postcode: 2000

Country: Australia

Phone #: 1800 10 65 65

**Product Invoice Information**

Invoice Ref Number: 513456

Invoice Description: Individual Invoice Description


**Credit Card Details**

Enter your Credit Card details below:


Name on Credit Card:

Credit Card Number:

Expiry Date:   Month / Year

CWV :

Purchase Amount: **\$ 10.00 (\$AUD)**

 Click the 'Process' button ONCE ONLY and then please wait. Processing time may take up to 60 seconds.

**<< Cancel**

**Process transaction >>**

Customised Page Footer - Add a unique footer useful for contact information.

## Customisation

To give the customer the best experience possible we have created this page to be highly customisable, this section will describe what fields are available to be changed. These changes are available in the call to us allowing you to customise the page for each individual customer giving the customer a personalised experience. A full list of the fields available to be passed to the gateway for processing is available in [Appendix A](#).

Field Name	Customisation
PageTitle	This value is used to populate the browsers title bar at the top of the screen.
PageDescription	Used as a greeting message to the customer and is displayed above the customers' order details.
PageFooter	The page footer text can be customised and populated below the customers' order details. Useful for contact information.
Language	Currently 5 languages are supported: English, French, German, Spanish and Dutch. This automatically translates headings and button text to the desired language. Any custom text will need to be sent to eWAY in the desired language and is not translated.
ReturnURL	The url that the customer will be redirected to after they process a payment.
CancelURL	The url that the customer will be redirected to if they select the 'cancel' button.
CompanyLogo	The url of the image can be hosted on the merchants website and pass the secure https:// path of the image to be displayed at the top of the website. This is the top image block on the webpage and is restricted to 960px X 65px. A default secure image is used if none is supplied.
PageBanner	The url of the image can be hosted on the merchants website and pass the secure https:// path of the image to be displayed at the top of the website. This is the second image block on the webpage and is restricted to 960px X 65px. A default secure image is used if none is supplied.
ModifiableCustomerDetails	This field specifies if the customer can change the contact details on the payment page. This is useful if the merchant is not collecting details on their site.
CustomerFirstName	Customer details to be displayed on the payment page.
CustomerLastName	
CustomerAddress	
CustomerCity	
CustomerState	
CustomerPostCode	
CustomerCountry	
CustomerEmail	
CustomerPhone	

## Processing Fraud Protected Transactions

eWAY is highly concerned with security through the many layers of encryption and various measures we take. Because of this we are proud to announce that we are PCI compliant, securing your customer details as well as your information.

To continue the high level of protection for our merchants and their customers, defending them from fraudulent transactions, we have created our Secure Hosted Payment Solution. Not only are the pages secure from fraudsters, but the log in method has been specifically designed to protect merchants from attacks by these false customers.

To accomplish this secure authentication method is taken. When a customer requests to make a payment, your website will send the transaction details using a server side post and get a URL with a secure token to redirect the user to. This is used to securely transfer the customer to the shared page without the chance of the details being changed. A security token is returned to the designated page after the transaction with a security token, the details of the transaction can then be received by a server side post to eliminate any chance of the results being tampered. A full layout of this process can be viewed in [Appendix B](#).

## Test Account Information

A test facility is available using the following credentials:

CustomerID: 87654321

Username: TestAccount

Test Credit Card: 4444333322221111

Payment Request: <https://au.ewaygateway.com/Request>

Payment Result: <https://au.ewaygateway.com/Result>

## Appendix A – Fields to POST to the Secure Hosted Payment Solution

The following table details the required and optional fields needed to post to the Hosted Payment Solution page, to process a payment.

Field Name	Required	Type	Description
CustomerID	✔	string	Your eWAY Customer ID
UserName	✔	string	Your eWAY Customer User Name
Amount	✔	string	The amount of the transaction in dollar form (ie \$27.00 transaction would have a Amount value of '27.00')
Currency	✔	string	Three letter acronym of the currency code according to ISO 4217 (ie Australian Dollars would be 'AUD')
ReturnURL	✔	string	The web address to direct the customer with the result of the transaction.
CancelURL	✔	string	The web address to direct the customer when the transaction is cancelled.
PageTitle		string	This is value will be displayed as the title of the browser. Default: eWAY Hosted Payment Page
PageDescription		string	This value will be displayed above the Transaction Details. Default: Blank
PageFooter		string	This value will be displayed below the Transaction Details.
CompanyLogo		string	The url of the image can be hosted on the merchants website and pass the secure https:// path of the image to be displayed at the top of the website. This is the top image block on the webpage and is restricted to 960px X 65px. A default secure image is used if none is supplied.
Pagebanner		string	The url of the image can be hosted on the merchants website and pass the secure https:// path of the image to be displayed at the top of the website. This is the second image block on the webpage and is restricted to 960px X 65px. A default secure image is used if none is supplied.
ModifiableCustomerDetails		string	This field specifies if the customer can change the contact details on the payment page This is useful if the merchant is not collecting details on their site. Values: True or False
Language		string	The two letter acronym of the language

Field Name	Required	Type	Description
			code, see <a href="#">Appendix C</a> for supported languages. <i>Default:</i> English
CompanyName		string	This will be displayed as the company the customer is purchasing from, including this is highly recommended.
CustomerFirstName†		string	Customer Information, including this is recommended but not necessary.
CustomerLastName†		string	Customer Information, including this is recommended but not necessary.
CustomerAddress†		string	Customer Information, including this is recommended but not necessary.
CustomerCity†		string	Customer Information, including this is recommended but not necessary.
CustomerState†		string	Customer Information, including this is recommended but not necessary.
CustomerPostCode†		string	Customer Information, including this is recommended but not necessary.
CustomerCountry†		string	Customer Information, including this is recommended but not necessary.
CustomerPhone†		string	Customer Information, including this is recommended but not necessary.
CustomerEmail†		string	Customer Information, including this is recommended but not necessary.
InvoiceDescription		string	This field is used to display to the user a description of the purchase they are about to make, usually product summary information.
MerchantReference		string	This is a number created by the merchant for this transaction.
MerchantInvoice		string	This is a number created by the merchant for this transaction.
MerchantOption1		string	This field is not displayed to the customer but is returned in the result string. Anything can be used here, useful for tracking transactions
MerchantOption2		string	This field is not displayed to the customer but is returned in the result string. Anything can be used here, useful for tracking transactions
MerchantOption3		string	This field is not displayed to the customer but is returned in the result string. Anything can be used here, useful for tracking transactions
UseAVS		string	This field marks that Address Verification should be used (FUTURE USE ONLY) Values: True or False

Field Name	Required	Type	Description
UseZIP		String	This field marks that ZIP Verification should be used (FUTURE USE ONLY) Values: True or False

†If all customer information is not provided the Customer Details Section on the payment page is not visible.



## Appendix B – Technical Transaction Process

### Step 1 - User Requests a Transaction Key

The merchant server side posts to a url all the transaction information required, including the validation credentials. The transaction details are saved into the eWAY secure system and an xml message is returned with the url to redirect the customer to or an error message describing if required fields were missing.

Post example:

*<https://au.ewaygateway.com/Request/?CustomerID=87654321&UserName=TestAccount&Amount=10.00&Currency=AUD&PageTitle=Webpage Title&PageDescription=Customised Page Description - Add a unique custom message for the customer here.&PageFooter=Customised Page Footer - Add a unique footer useful for contact information.&Language=EN&CompanyName=Merchant Company Name&CustomerFirstName=John&CustomerLastName=Doe&CustomerAddress=123 ABC Street&CustomerCity=Sydney&CustomerState=NSW&CustomerPostCode=2000&CustomerCountry=Australia&CustomerEmail=sample@eway.com.au&CustomerPhone=1800 10 10 65&InvoiceDescription=Individual Invoice Description&CancelURL=http://www.eway.com.au/&ReturnUrl=http://www.eway.com.au/&CompanyLogo=https://www.yoursite.com/securelogo.jpg&PageBanner=https://www.yoursite.com/securebanner.jpg&MerchantReference=513456&MerchantInvoice=Inv 21540&MerchantOption1=Option1&MerchantOption2=Option2&MerchantOption3=Option3&ModifiableCustomerDetails=false>*

For example this would return:

```
<TransactionRequest>
  <Result>True</Result>
  <URI>https://au.ewaygateway.com/PaymentPage.aspx?value=2CYN24gKrLjEuMPXM0jtOTx8gEUJ2GfuezuVPUhRhtZdGDIOK
</URI>
  <Error></Error>
</TransactionRequest>
```

### Step 2 – Payment Process

The customer then gets redirected to the payment page with the unique transaction value. The transaction associated with this transaction key are then loaded and displayed to the customer. After the appropriate payment processes take place a similarly transaction key is posted in a hidden field called 'AccessPaymentCode' to the merchant, and customer redirected to the page the merchant selected in the transaction details.

### Step 3 – Confirmation of Payment

The customer now has been redirected back to an appropriate page on the merchants' website with the transaction number returned from the payment gateway. To determine the result of the transaction the merchant then sends on the server side to a URL with the result it just received and their login credentials. This will then return an xml string with the transaction result information. The transaction is based on the ResponseCode returned from the bank, a list of reasons describing the ResponseCode can be viewed in [Appendix D](#).

Example:

*[https://au.ewaygateway.com/Result/?CustomerID=87654321&UserName=TestAccount  
&AccessPaymentCode=611a5cab19330f52f9db09e4549c225dda64a71aa8775f53  
cafce75c0acff0b611a5cab19330f52f9db09e4549c225dda64a71aa8775f5asdfalkji323jlJS](https://au.ewaygateway.com/Result/?CustomerID=87654321&UserName=TestAccount&AccessPaymentCode=611a5cab19330f52f9db09e4549c225dda64a71aa8775f53cafce75c0acff0b611a5cab19330f52f9db09e4549c225dda64a71aa8775f5asdfalkji323jlJS)*

XML Result of Post:

```
<TransactionResponse>
  <AuthCode>315153</AuthCode>
  <ResponseCode>00</ResponseCode>
  <ReturnAmount>10.00</ReturnAmount>
  <TrxnNumber>1005039</TrxnNumber>
  <TrxnStatus>true</TrxnStatus>
  <TrxnResponseMessage>AUTH CODE:315153</TrxnResponseMessage>
  <MerchantOption1>Option1</MerchantOption1>
  <MerchantOption2>Option2</MerchantOption2>
  <MerchantOption3>Option3</MerchantOption3>
  <MerchantReference>513456</MerchantReference>
  <MerchantInvoice>Inv 21540</MerchantInvoice>
  <ErrorMessage />
</TransactionResponse>
```

## Appendix C – Supported Languages

Below is a list of the currently supported languages on the Hosted Payment Page, and the corresponding language code that needs to be POST'd.

Language	Language Code
English	EN
Spanish	ES
French	FR
German	DE
Dutch	NL

## Appendix D – Response Codes

Below is a list of all the possible response codes returned from the Hosted Payment Solution and the relating transaction result.

Response Code	Response Text	Transaction Result
<b>CX</b>	Customer Cancelled Transaction	Failed
<b>00</b>	Transaction Approved	Successful
<b>01</b>	Refer to Issuer	Failed
<b>02</b>	Refer to Issuer, special	Failed
<b>03</b>	No Merchant	Failed
<b>04</b>	Pick Up Card	Failed
<b>05</b>	Do Not Honour	Failed
<b>06</b>	Error	Failed
<b>07</b>	Pick Up Card, Special	Failed
<b>08</b>	Honour With Identification	Successful
<b>09</b>	Request In Progress	Failed
<b>10</b>	Approved For Partial Amount	Successful
<b>11</b>	Approved, VIP	Successful
<b>12</b>	Invalid Transaction	Failed
<b>13</b>	Invalid Amount	Failed
<b>14</b>	Invalid Card Number	Failed
<b>15</b>	No Issuer	Failed
<b>16</b>	Approved, Update Track 3	Successful
<b>19</b>	Re-enter Last Transaction	Failed
<b>21</b>	No Action Taken	Failed
<b>22</b>	Suspected Malfunction	Failed
<b>23</b>	Unacceptable Transaction Fee	Failed
<b>25</b>	Unable to Locate Record On File	Failed
<b>30</b>	Format Error	Failed
<b>31</b>	Bank Not Supported By Switch	Failed
<b>33</b>	Expired Card, Capture	Failed
<b>34</b>	Suspected Fraud, Retain Card	Failed
<b>35</b>	Card Acceptor, Contact Acquirer, Retain Card	Failed
<b>36</b>	Restricted Card, Retain Card	Failed
<b>37</b>	Contact Acquirer Security Department, Retain Card	Failed
<b>38</b>	PIN Tries Exceeded, Capture	Failed

<b>Response Code</b>	<b>Response Text</b>	<b>Transaction Result</b>
<b>39</b>	No Credit Account	Failed
<b>40</b>	Function Not Supported	Failed
<b>41</b>	Lost Card	Failed
<b>42</b>	No Universal Account	Failed
<b>43</b>	Stolen Card	Failed
<b>44</b>	No Investment Account	Failed
<b>51</b>	Insufficient Funds	Failed
<b>52</b>	No Cheque Account	Failed
<b>53</b>	No Savings Account	Failed
<b>54</b>	Expired Card	Failed
<b>55</b>	Incorrect PIN	Failed
<b>56</b>	No Card Record	Failed
<b>57</b>	Function Not Permitted to Cardholder	Failed
<b>58</b>	Function Not Permitted to Terminal	Failed
<b>59</b>	Suspected Fraud	Failed
<b>60</b>	Acceptor Contact Acquirer	Failed
<b>61</b>	Exceeds Withdrawal Limit	Failed
<b>62</b>	Restricted Card	Failed
<b>63</b>	Security Violation	Failed
<b>64</b>	Original Amount Incorrect	Failed
<b>66</b>	Acceptor Contact Acquirer, Security	Failed
<b>67</b>	Capture Card	Failed
<b>75</b>	PIN Tries Exceeded	Failed
<b>82</b>	CVV Validation Error	Failed
<b>90</b>	Cutoff In Progress	Failed
<b>91</b>	Card Issuer Unavailable	Failed
<b>92</b>	Unable To Route Transaction	Failed
<b>93</b>	Cannot Complete, Violation Of The Law	Failed
<b>94</b>	Duplicate Transaction	Failed
<b>96</b>	System Error	Failed