



WOFG

Web Order Form Generator

*Developers Integration Guide*

eProcessing Network LLC

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# INTRODUCTION

eProcessingNetwork has developed a **Web Order Template** that does not require the merchant to run a database engine or shopping cart program, and can therefore be used from any existing website.

To integrate the eProcessing Network Secure Transaction Processing Server directly into a merchant's Web page, follow the instructions below:

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- Options
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## FORM DECLARATION

The form declaration used in your order page should be:

```
<FORM METHOD=POST ACTION="https://www.eprocessingnetwork.com/cgi-bin/wo/order.pl">
```

---

## ACCOUNT NUMBER

The merchants' eProcessing Network account number must be passed in as follows:

```
<INPUT TYPE=HIDDEN NAME="ePNAccount" VALUE="05971">
```

DO NOT pass in the merchants' bank merchant account number. The account number you pass in MUST be the merchants' eProcessing Network account number.

**05971** can be used for development/demo purposes, but the merchants' real eProcessing Network account number must be used for live transactions.

---

## ITEM IDENTIFIERS

Three identifiers for each item available from the merchants order page (**quantity**, **description** and **cost**) must be passed to the order.pl script.

The quantity for each item can be hard-coded or input by the user, but the name of the quantity variable (e.g. **ItemQty**) must be the same for each item. The **eProcessing Network Secure Transaction Processing Server** will multiply **quantity** by **cost** of each item to display a summary of the order and calculate an order total. One suggested way of passing the quantity of each item is as follows:

```
<INPUT SIZE=5 NAME="ItemQty" MAXLENGTH=3 VALUE="0">
```

The **description** of each item must be passed to the order.pl script using the name **ItemDesc**. These can be sent as HIDDEN values as follows:

```
<INPUT TYPE=HIDDEN NAME="ItemDesc" VALUE="Large Widget" >
```

Or you may need to allow the user to enter a description:

```
<INPUT SIZE=30 NAME="ItemDesc" VALUE="">
```

The **cost** of each item must be passed using the name **ItemCost**. One suggested way to do this would be:

```
<INPUT TYPE=HIDDEN NAME="ItemCost" VALUE="34.95">
```

Always group your variables together in sequence, i.e:

```
<INPUT SIZE=5 NAME="ItemQty" MAXLENGTH=3 VALUE="0">
```

```
<INPUT TYPE=HIDDEN NAME="ItemDesc" VALUE="Small Widget" >
```

```
<INPUT TYPE=HIDDEN NAME="ItemCost" VALUE="29.95">
```

```
<INPUT SIZE=5 NAME="ItemQty" MAXLENGTH=3 VALUE="0">
```

```
<INPUT TYPE=HIDDEN NAME="ItemDesc" VALUE="Large Widget" >
```

```
<INPUT TYPE=HIDDEN NAME="ItemCost" VALUE="34.95">
```

This will ensure that the cost of each item is being multiplied by the correct quantity.

---

## POST PROCESSING RETURN URL

The URL for the customer to return to after the transaction is processed should be specified as follows:

```
<INPUT TYPE=HIDDEN NAME="URL" VALUE="http://www.merchants_page.com/gohere">
```

If you want eProcessing Network to display a URL, depending on the Approval status of the transaction you would use the following:

```
<INPUT TYPE=HIDDEN NAME="ReturnApprovedURL" VALUE="http://www.merchants_page.com/gohere">
```

```
<INPUT TYPE=HIDDEN NAME="ReturnDeclinedURL" VALUE="http://www.merchants_page.com/gohere">
```

Be sure to change **http://www.merchants\_page.com/gohere** to the correct URL.

---

## LOGO URL

The logo to display on all transaction-related pages output by us can be specified as follows:

```
<INPUT TYPE=HIDDEN NAME="LogoURL"
```

```
VALUE="http://www.MerchantsWebSite.Com/MerchantsLogo.gif">
```

A complete URL is required, including "**http://www.**". This allows merchants to utilize different logos from different pages if so desired.

---

## SALES TAX

If you need to collect sales tax in your state, use a checkbox to indicate that tax needs to be applied to the transaction as follows:

```
<INPUT NAME="ApplyTax" TYPE="CHECKBOX">
```

The **eProcessing Network Secure Transaction Processing Server** tests for the value of **ApplyTax** to be equal to **on** to multiply the order total by the tax rate specified. You can specify the tax rate to be applied as follows:

```
<INPUT TYPE="HIDDEN" VALUE=".08125" NAME="TaxRate">
```

Be sure to change the **.08125** to the rate applicable in your state.

---

## SHIPPING METHODS

To offer multiple shipping methods, use radio buttons as follows:

```
<INPUT TYPE="radio" NAME="Shipping" VALUE="4.50;Regional (BC, Alberta, Manitoba)"
```

```
CHECKED> Regional (BC, Alberta, Manitoba)
```

```
<INPUT TYPE="radio" NAME="Shipping" VALUE="5.95;USA and The Rest of Canada"> USA and The
```

```
Rest of Canada
```

```
<INPUT TYPE="radio" NAME="Shipping" VALUE="11.95;International"> International
```

Note that the **VALUE** field for each item starts with the dollar amount to charge for each item, followed by a semi-colon.

The **eProcessing Network Secure Transaction Processing Server** parses the dollar amount and displays the word **Shipping**, along with the description given with the selected **RADIO** button as a line item in the **Order Summary**.

---

## BACKGROUND COLOR

The background color used by the **eProcessing Network Web Order Template** can be specified as follows:

```
<INPUT TYPE=HIDDEN NAME="BackgroundColor" VALUE="#ffffff">
```

where the value specified is any hex-based RGB value supported by the HTML **<BODY>** tag. If this value is not specified, a default value of #ffffff (white) will be used.

---

## TEXT COLOR

The text color used by the **eProcessing Network Web Order Template** can be specified as follows:

```
<INPUT TYPE=HIDDEN NAME="TextColor" VALUE="#000000">
```

where the value specified is any hex-based RGB value supported by the HTML **<BODY>** tag. If this value is not specified, a default value of #000000 (black) will be used.

---

## BILLING INFO

If you are already collecting the customers' Billing Info, you can pass it to the **eProcessing Network Transaction Processing Server**, which will display the information in the form used to prompt the customer for credit card information. The format for these field names is as follows:

**BillFirstName**  
**BillLastName**  
**BillCompany**  
**BillAddress**  
**BillCity**  
**BillState**  
**BillZip**  
**BillCountry**  
**BillPhone**  
**BillEmail**

This information can be passed in as a hidden type, i.e:

```
<INPUT TYPE=HIDDEN NAME="BillFirstName" VALUE="John">
```

or by prompting the user with:

```
<INPUT TYPE=TEXT NAME="BillFirstName" VALUE="">
```

---

## SHIPPING INFO

If you are already collecting the customers' Shipping Info, you can pass it to the **eProcessing Network Transaction Processing Server**, which will display the information in the form used to prompt the customer for credit card information, and email it to the merchant upon approval of the transaction. The format for these field names is as follows:

**ShipFirstName**

**ShipLastName**

**ShipCompany**

**ShipAddress**

**ShipCity**

**ShipState**

**ShipZip**

**ShipCountry**

**ShipPhone**

**ShipEMail**

This information can be passed in as a hidden type, i.e.

```
<INPUT TYPE="HIDDEN" NAME="ShipFirstName" VALUE="John">
```

or by prompting the user with:

```
<INPUT TYPE="TEXT" NAME="ShipFirstName" VALUE="">
```

If you are not collecting shipping information from your web site, and you would like **eProcessing Network** to prompt the user, pass in the following input field:

```
<INPUT TYPE="HIDDEN" NAME="ShippingPrompt" VALUE="Yes">
```



---

## USER DEFINED VARIABLES

Any variables passed in with names that begin with **"user"** will be enumerated at the end of emails sent to the merchant for each transaction.

As an example, if your **FORM** passes in:

```
<INPUT TYPE="HIDDEN" NAME="userVar1" VALUE="UserVar 1 Value">
```

```
<INPUT TYPE="HIDDEN" NAME="userVar2" VALUE="UserVar 2 Value">
```

```
<INPUT TYPE="HIDDEN" NAME="userVar3" VALUE="UserVar 3 Value">
```

then the email the merchant receives for each transaction will include:

```
***** User-Defined Variables *****
```

```
userVar1 = UserVar 1 Value
```

```
userVar2 = UserVar 2 Value
```

```
userVar3 = UserVar 3 Value
```

Any variables passed in with names that begin with **"customer"** will be enumerated at the end of emails sent to the customer for each transaction.

As an example, if your **FORM** passes in:

```
<INPUT TYPE="HIDDEN" NAME="customerVar1" VALUE="CustomerVar 1 Value">
```

```
<INPUT TYPE="HIDDEN" NAME="customerVar2" VALUE="CustomerVar 2 Value">
```

```
<INPUT TYPE="HIDDEN" NAME="customerVar3" VALUE="customerVar 3 Value">
```

then the email the customer receives for each transaction will include:

```
Var1 = CustomerVar 1 Value
```

```
Var2 = CustomerVar 2 Value
```

```
Var3 = CustomerVar 3 Value
```

(the word "customer" is truncated from the display of the variable names in the customers' email)

---

## PAYMENT FORM HEADER

Any text sent in this field will be displayed at the top of the Payment Form immediately before the Order Summary. HTML tags are not supported.

```
<INPUT TYPE="HIDDEN" NAME="PaymentFormHeader" VALUE="Display this text ">
```

## RECEIPT HEADER

Any text sent in this field will be displayed at the top of the Receipt Page immediately before the Authorization Information. HTML tags are not supported.

```
<INPUT TYPE="HIDDEN" NAME="ReceiptHeader" VALUE="Display this text ">
```

## RECEIPT FOOTER

Any text sent in this field will be displayed at the bottom of the Receipt Page. HTML tags are not supported.

```
<INPUT TYPE="HIDDEN" NAME="ReceiptFooter" VALUE="Display this text ">
```

## EMAIL HEADER

Any text sent in this field will be displayed in the EMail Receipt sent to the customer immediately before the Order Summary.

```
<INPUT TYPE="HIDDEN" NAME="EmailHeader" VALUE="Display this text ">
```

---

## EMAIL FOOTER

Any text sent in this field will be displayed at the bottom of the EMail receipt sent to the customer.

```
<INPUT TYPE="HIDDEN" NAME="EMailFooter" VALUE="Display this text ">
```

---

## RECURRING BILLING

Merchants with Advanced Recurring Billing can set up a Recurring Method which can be passed to set create a Recurring transaction.

```
<INPUT TYPE="HIDDEN" NAME="RecurringMethod" VALUE="Recurring Method Number">
```

---

## SERVICE/CONVENIENCE FEE

Merchants wishing to charge a Service/Convenience Fee, can add the following options to be included it their order:

```
<INPUT TYPE="HIDDEN" NAME="ServiceDesc" VALUE="Description for the Service Fee">
```

```
<INPUT TYPE="HIDDEN" NAME="ServiceFee" VALUE="Minimum amount in dollars to charge">
```

```
<INPUT TYPE="HIDDEN" NAME="ServicePercent" VALUE="Percentage of Total to charge, if
```

```
greater than minimum">
```

ServiceFee or ServicePercent may be zero or not provided, but at least one of the two inputs is required to be non-zero.

For the option to charge the Service/Convenience Fee to one merchant account and the main transaction amount to another merchant account, the input fields need to be setup as follows:

**1-** setup the input field for the account for which the MAIN transaction amount will be charged:

```
<input type="hidden" name="ePNAccount" value="080880">
```

**2-** setup the input field for the account for which the service/convenience fee amount will be deducted:

```
<input type="hidden" name="ServiceAcct" value="04971">
```

**3-** make sure to point the form to the correct URL, for example:

```
<form name="sample-name" action="https://www.eprocessingnetwork.com/cgi-bin/swo/order.pl"
```

```
method="post" onsubmit="return false;">
```

For a sample form using this option, please visit  
<http://www.eprocessingnetwork.com/ConvenienceFeeSample.html>

For more details, please contact our Technical Support Department.

## DOCUMENT CHANGE LOG

11/13/2014 – Initial document completed.