

ALLIED WALLET – QUICKPAY

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REVISION HISTORY

Date	Revision	Description	Author
1/13/2015	1	First Version	Derek Baehr
10/15/2015	1.1	Add QuickPayToken	Derek Baehr
10/27/2015	1.2	QuickPayToken Correction	Derek Baehr

OVERVIEW

WHAT IS QUICKPAY

The AlliedWallet Quickpay Payment API can process your online purchases with a minimal amount of programming. Both shopping cart and subscription transactions can be submitted.

The Payment API uses an HTTP POST to initiate the request to AlliedWallet. This POST can be accomplished with any web programming language, or even a simple web page.

REQUIRED INFORMATION

Before you will be able to submit transactions to AlliedWallet, you will need an AlliedWallet merchant account for your website. Once you have a merchant account approved, you will be able to locate the QuickPayToken in the Merchant Portal

These IDs uniquely identify your websites, customers, and payments.

SUBSCRIPTION

If your website is a subscription site, you will also need AlliedWallet to configure subscription groups for you. The groups will set the level, pricing, and term for your subscriptions. For example, you may have a standard subscription that costs \$19.95 per month, and a premium subscription that costs \$99.99 per quarter. AlliedWallet will automatically handle rebilling your customer at the end of each term period.

PROCESS FOR QUICKPAY PAGE

HOSTED PAYMENT URL END-POINT

The URL to submit your customer for payment is as follows:

<https://quickpay.alliedwallet.com/>

QUICKPAY FIELDS

The following table lists the fields for quickpay transactions:

Field	Type/Length	Required/Optional
Address	string(100)	optional
Address2	string(100)	optional
AmountShipping	decimal number	optional
AmountTotal	decimal number(must equal the sum of all ItemAmount[N] and AmountShipping)	required
ApprovedURL	string(must be valid URL format)	required
City	string(50)	optional
ConfirmURL	string(must be valid URL format)	optional
Country	string(2)	optional
CurrencyID	string(3)	required
DeclinedURL	string(must be valid URL format)	optional

Email	string(must be valid email format)	optional
FirstName	string(50)	optional
IsInitialForRecurring	boolean("true" or "false", default "false")	optional
ItemAmount[n]	decimal number	required
ItemDesc[n]	string(500)	required
ItemName[n]	string(500)	required
ItemQuantity[n]	integer	required
LastName	string(50)	optional
MembershipRequired	boolean("true" or "false", default "false")	optional
MembershipUsername	string	optional
MerchantReference	string(100)	optional
Phone	string(must be valid phone format)(20)	optional
PostalCode	string(20)	optional
QuickPayToken	string(128)	required
ShippingRequired	boolean("true" or "false", default "false")	optional
ShowUserNamePassword	boolean("true" or "false", default "false")	optional
SiteID	integer	required
State	string(50)	optional
SubscriptionPlanId	integer	optional

CONFIGURING YOUR SITE – EXAMPLE FORMS

You will need to add two web pages to your site to process payments. The first page is a purchase form, which is a web page or form that initiates the AlliedWallet payment process. The second page is a complete page, where your customers are returned to after successfully completing a purchase.

PURCHASE FORM

The purchase form can be any page or pages on your site that is capable of posting information to AlliedWallet. It can be written in any web programming language or even simple HTML. Purchase forms can be constructed to purchase recurring subscriptions or products through AlliedWallet. Here are examples of a subscription and a shopping cart form:

HTML SUBSCRIPTION FORM

```
<form name="formname" method="post" action="https://quickpay.alliedwallet.com/">
<input name="QuickPayToken" type="hidden" value="value from allied wallet">
<input name="SiteID" type="hidden" value="value from allied wallet">
<input name="AmountTotal" type="hidden" value="0.00">
<input name="CurrencyID" type="hidden" value="USD">
```

```

<input name="AmountShipping" type="hidden" value="0.00">
<input name="ShippingRequired" type="hidden" value="false">
<input name="MembershipRequired" type="hidden" value="true">
<input name="ItemName[0]" type="hidden" value="Product Name">
<input name="ItemQuantity[0]" type="hidden" value="0">
<input name="ItemAmount[0]" type="hidden" value="0.00">
<input name="ItemDesc[0]" type="hidden" value="Product Description">
<input name="ApprovedURL" type="hidden" value="http://www.yoursite.com/success.html">
<input name="ConfirmURL" type="hidden" value="http://www.yoursite.com /complete.php">
<input name="DeclinedURL" type="hidden" value="http://www.yoursite.com /decline.html">
<input name="MerchantReference" type="hidden" value="your order number">
<input name="MembershipUsername" type="hidden" value="testusername">
<input name="SubscriptionPlanId" type="hidden" value="value from allied wallet">
<input name="ShowUserNamePassword" type="hidden" value="true"><br />
<input type="submit" value="Subscribe">
</form>

```

The above form HTML also includes an optional "MerchantReference" field. This field can be used to correlate the AlliedWallet purchase transaction with data from your website application. Your web designer and programmer will need to furnish your site with a similar purchase form that includes all of the necessary styling required to match your site.

Please note, the fields in **RED** are provided by Allied Wallet when your account is approved.

HTML ONE TIME PURCHASE FORM

A simple HTML form can be used for purchases of a single item from your website using AlliedWallet. The following is a single item purchase example:

```

<form name="formname" method="post" action="https://quickpay.alliedwallet.com/">
<input name="QuickPayToken" type="hidden" value="value from allied wallet">
<input name="SiteID" type="hidden" value="value from allied wallet">
<input name="AmountTotal" type="hidden" value="20.00">
<input name="CurrencyID" type="hidden" value="USD">
<input name="AmountShipping" type="hidden" value="0.00">
<input name="ShippingRequired" type="hidden" value="false">
<input name="MembershipRequired" type="hidden" value="False">
<input name="ItemName[0]" type="hidden" value="Product Name">
<input name="ItemQuantity[0]" type="hidden" value="0">
<input name="ItemAmount[0]" type="hidden" value="20.00">
<input name="ItemDesc[0]" type="hidden" value="Product Description">
<input name="ApprovedURL" type="hidden" value="http://www.yoursite.com/success.html">
<input name="ConfirmURL" type="hidden" value="http://www.yoursite.com /complete.php">
<input name="DeclinedURL" type="hidden" value="http://www.yoursite.com /decline.html">
<input name="MerchantReference" type="hidden" value="your order number">
<input type="submit" value="Subscribe">
</form>

```

The above example will submit a transaction to purchase a single item for \$20.00. Notice the AmountTotal equals the ItemAmount + AmountShipping.}

COMPLETE PAGE

The complete page can be any page on your website. This page should welcome the customer back and provide any additional information regarding their product or subscription purchase. Additional information would include: shipping information, subscription activation, etc.

The URL of the completed page is supplied by your page or application in the ReturnURL field.

When a customer has completed the purchase, AlliedWallet will load the designated page on your website and provide the transaction ID and merchant reference supplied in the purchase form.

For example: if you provided the following ReturnURL in your purchase form –

<http://oursite.com/complete.html>

AlliedWallet would complete the transaction and return the customer to the following URL:

<http://oursite.com/complete.html?TransactionID=67890123-cdef&MerchantReference=abc123>

CONFIRM PAGE

When a customer has successfully completed a transaction, AlliedWallet will send an HTTP POST with the transaction details back to a designated page on your site. This page should validate and store the transaction information in your database. The confirm page provides communication between AlliedWallet and your application and does not need to provide user functionality.

The URL of the confirm page is supplied by your page or application in the ConfirmURL field. This URL must be supplied and it must be a valid page on your website or application. If a URL is not supplied or it does not point to a page on your site, the transaction will not be completed successfully. However, if you do not wish to save the transaction information, this page can be a simple, blank HTML page.

Information is posted to the confirm page as standard HTTP POST name-value pairs (NVP) separated by ampersands (&). An example confirm post would be:

```
Amount=17.99&MerchantReference=abc123&PayReferenceID=b9ab260b-d690-4507-8d56-8bd92c4c132a&TransactionID=4cfdefc3-6ad2-49de-a25b-5d0f41e8cd1a
```

The following fields are transmitted by AlliedWallet in a transaction to the ConfirmURL specified by you:

- [MerchantReference] => Reference Number for the Merchant's Records (Limit 100 characters)
- [Amount] => Amount of Transaction (Money/Numeric/Decimal)
- [TransactionID] => Identity Number for the Transaction (Numeric)
- [CardMask] => Characters used to mask the card number
- [TransactionState] => State of Transaction (Appendix A)
- [ShippingFirstName] => First Name for Shipping Address (Limit 50 characters)
- [ShippingLastName] => Last Name for Shipping Address (Limit 50 characters)
- [ShippingAddress1] => Address Line 1 for Shipping Address (Limit 100 characters)
- [ShippingAddress2] => Address Line 2 for Shipping Address (Limit 100 characters)

[ShippingCity] => City for Shipping Address (Limit 50 characters)
 [ShippingState] => State for Shipping Address (Limit 50 characters)
 [ShippingCountry] => Country for Shipping Address
 [ShippingPostalCode] => Postal Code for Shipping Address (Limit 20 characters)
 [CustomerEmail] => <mailto:rcampbell@gmail.com> Email for the Customer (Limit 50 characters)
 [CustomerFirstName] => First Name of Customer (Limit 50 characters)
 [CustomerLastName] => Last name of Customer (Limit 50 characters)
 [CustomerAddress1] => Address Line 1 for Customer Address (Limit 100 characters)
 [CustomerAddress2] => Address Line 2 for Customer Address (Limit 100 characters)
 [CustomerCity] => City for Customer Address (Limit 50 characters)
 [CustomerState] => State for Customer Address (Limit 50 characters)
 [CustomerCountry] => Country for Customer Address
 [CustomerPostalCode] => Postal Code for Customer Address (Limit 20 characters)
 [CustomerPhone] => Customer's Phone (Limit 20 characters)
 [SiteID] => Site Id for the Merchant's Site (Numeric)

APPENDIX A – TRANSACTION STATE TYPES

Sale
Authorize
Capture
Void
Refund
Chargeback
Credit
CBK1
Verify
Recurring

APPENDIX B – TRANSACTION STATUS TYPES

Successful
Error
Declined
Pending
Scrubbed
Fraud
Unconfirmed