

ACHWORKS-LINK PAYMENT SYSTEM

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I. HTTP POST URL

<https://havt.achworks.com>

II. PARAMETERS

Table 1. Parameters

Parameter	Required*	Value	Description
t	YES	991	Application Type, 991 for Pay Link
m	YES	Assigned by T\$\$	Merchant Code
merid	YES	Assigned by T\$\$	Merchant ID = Engine + Location ID
custid	YES	Provided by Merchant	10-digit Customer ID
em	YES	Provided by Merchant	Email of Merchant
ec	NO	Provided by Merchant or Entered by User	Email of User/Customer
cn	NO	Provided by Merchant or Entered by User	Check Number (User)
btrn	NO	Provided by Merchant or Entered by User	Bank Routing Number (User)
an	NO	Provided by Merchant or Entered by User	Account Number (User)
payee	NO	Provided by Merchant or Assigned by T\$\$	Payee, default value is Merchant Code
tnid	NO	Provided by Merchant	Tracking ID ("WL" + 10 alphanum chars)
turl	NO	Provided by Merchant	Terminating URL, default is Merchant's Site
curl	NO	Provided by Merchant	Cancel URL, default is Merchant's Site
direction	NO	Assigned by T\$\$	Direction, default value is 1
cf	NO	Provided by Merchant or Entered by User	First Name (User)
cl	NO	Provided by Merchant or Entered by User	Last Name (User)
a	NO	Provided by Merchant or Entered by User	Amount in \$
at	NO	Provided by Merchant or Selected by User	Account Type (C ,Checking or S, Savings)
sched	NO	Provided by Merchant	S for single, R for recurring (default is S)
rfreq	NO	Provided by Merchant	Recurring Transaction Frequency (M for monthly, W for weekly, A for Annually)
rscheme	NO	Provided by Merchant	Recurring Transaction Scheme (see Table 2)
rtype	NO	Provided by Merchant	Recurring Transaction Type (D for Debit, C for Credit)
rinst	NO	Provided by Merchant	Recurring Transaction Installments (minimum number is 2)
idv	NO	Provided by Merchant	Enable Identity Verification, Set Value to 1 to Enable
ca1	NO	Provided by Merchant or Entered by User	Address of User/Customer (Required for Identity Verification)
cac	NO	Provided by Merchant or Entered by User	City of User/Customer (Required for Identity Verification)
cas	NO	Provided by Merchant or Entered by User	State of User/Customer e.g. CA (Required for Identity Verification)
caz	NO	Provided by Merchant or Entered by User	5 digit Zip Code of User/Customer (Required for Identity Verification)
ssn	NO	Provided by Merchant or Entered by User	Last 4 Digits of SSN of User/Customer (Optional for Identity Verification)
dobm	NO	Provided by Merchant or Entered by User	Month Birth of User/Customer e.g. 02 for February (Optional for Identity Verification)
doby	NO	Provided by Merchant or Entered by User	Year Birth (Optional for Identity Verification)

* Required during http post operation. Dark shaded areas are parameters applicable only for Recurring Transactions i.e. sched=R. Light shaded areas are parameters applicable for Identity Verification only

Table 2. Recurring Transaction Schemes

Recurring Scheme	Value, rscheme	Amount, a
Fixed amount per installment	FA	Indicate the fixed amount
Total amount divided by number of installments	TD	Indicate the total amount
Total amount with fixed installment amount	TF	Indicate the total amount
Fixed amount per installment (continuous)	FC	Indicate the fixed amount

III. EXAMPLES

Sample 1 – Required Parameters Only

<https://havt.achworks.com/?t=991&m=tssworkslink007&merid=TST9505&custname=1234567890&em=paylinksupport@achworks.com>

Sample 2 – With Optional Parameters

<https://havt.achworks.com/?t=991&m=tssworkslink007&merid=TST9505&custname=1111222333&an=343428932183&btrn=987654320&cf=johnny&cl=doe&a=1000.55&cn=01102007&c=myemail@customerdomain.com&em=paylinksupport@achworks.com>

NOTE: Please cut and paste above links completely to your browser, the links may not work properly by just clicking it.

IV. HTML FORMS

The preceding examples showed static links to the payment system but this method does not allow flexibility in terms of parameter passing. Forms in html can be used to submit the post operation allowing a more dynamic passing of parameters. The preceding example (Sample 1) can be written in html form like this:

```
<FORM action="https://havt.achworks.com" method="post">
  <P>
    <INPUT type="hidden" name="t" value="991">
    <INPUT type="hidden" name="m" value="tssworkslink007">
    <INPUT type="hidden" name="merid" value="TST9505">
    <INPUT type="hidden" name="custid" value="1234567890">
    <INPUT type="hidden" name="em" value="paylinksupport@achworks.com">

    <INPUT type="submit" value="PAY BY CHECK">
  </P>
</FORM>
```

View live demo of the form at <http://www.achworks.com/demofiles/samplepost1.html>. Notice that the above data input types are all hidden, and only the "Pay By Check" button is displayed when opened on a browser. To write the preceding Sample 2 in html form:

```
<FORM action="https://havt.achworks.com" method="post">
  <P>
    <INPUT type="hidden" name="t" value="991"> [continued next page]
    <INPUT type="hidden" name="m" value="tssworkslink007">
```

```
<INPUT type="hidden" name="merid" value="TST9505">
<INPUT type="hidden" name="custid" value="1111222333">
<INPUT type="hidden" name="em" value="paylinksupport@achworks.com">
<LABEL for="an">Account Number: </LABEL>
<INPUT type="text" name="an" value="343428932183"><br>
<LABEL for="btrn">Bank Routing Number: </LABEL>
<INPUT type="text" name="btrn" value="987654320"><br>
<LABEL for="cf">First Name: </LABEL>
<INPUT type="text" name="cf" value="johnny"><br>
<LABEL for="cl">Last Name: </LABEL>
<INPUT type="text" name="cl" value="doe"><br>
<LABEL for="a">Amount in $: </LABEL>
<INPUT type="text" name="a" value="1000.55"><br>
<LABEL for="cn">Check Number: </LABEL>
<INPUT type="text" name="cn" value="01102007"><br>
<LABEL for="ec">Email: </LABEL>
<INPUT type="text" name="ec" value="myemail@customerdomain.com"><br><br>
<INPUT type="submit" value="PAY BY CHECK">
</P>
</FORM>
```

View live demo of the form at <http://www.achworks.com/demofiles/samplepost2.html>. Please see <http://www.w3.org/TR/html4/interact/forms.html> for more details on html forms.

V. ADMINISTRATION

An online administration facility or website can be provided to allow viewing and data management of transactions. A demo of the online site can be seen here: <http://www.achworks.com/demologin>. Initiated transactions are easily tracked in Edit > Scheduled Transaction page of the site.

V. CONTACT INFORMATION

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