TheEcheck.Com
API Integration Guide
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Sending a Transaction

Required Variables

- **security_key** - your unique identifier which can be found under the API Info option in your Back Office
- **purchaser_firstname** - self explanatory
- **purchaser_lastname -** self explanatory
- **purchaser_address** - House number and street address
- **purchaser_city -** self explanatory
- **purchaser_state -** self explanatory
- **purchaser_zipcode** - self explanatory
- **purchaser_phone** - self explanatory
- **purchaser_email -** self explanatory
- **transaction_amount** - self explanatory
- **purchaser_ip** - MUST be the IP of the person making the purchase. NOT the IP of your server
- **purchaser_account** - the bank account number of the person making the purchase
- **purchaser_routing -** the 9 digit US Bank routing number

API URL

The proper URL to utilize when connecting to the API is https://theecheck.com/backoffice/api.php

Be sure you are connecting via secure protocol, or https, and do not include the www Preceding theecheck.com as this could result in a certificate validation error while attempting to connect.   If you receive an integer value as a response, you have posted successfully to the API and this value represents the transaction identification number of the submitted transaction.

All other responses are of alpha or alpha numeric value and are self descriptive in nature.

Additionally, the TheEcheck.Com API receives information via POST.   If you attempt to send data in any other form, such as a URL format requiring the API to receive them as GET variables, your transaction will fail.

PHP Integration Example

```php
<?php

 //create array of data to be posted
   $post_data['security_key'] = 'your security key here';
   $post_data['purchaser_firstname'] = 'Bob';
   $post_data['purchaser_lastname'] = 'Barker';
   $post_data['purchaser_address'] = '123 Jane Way';
   $post_data['purchaser_city'] = 'Phoenix';
   $post_data['purchaser_state'] = 'AZ';
   $post_data['purchaser_zipcode'] = '54321';
   $post_data['purchaser_phone'] = '(555)555-5555';
   $post_data['purchaser_email'] = 'testemail@test.biz;
   $post_data['transaction_amount'] = '39.95';
   $post_data['purchaser_ip'] = $_SERVER["REMOTE_ADDR"];
   $post_data['purchaser_account'] = "12345";
   $post_data['purchaser_routing'] = "101000019"; // Valid routing number
   //$post_data['purchaser_routing'] = "123456789"; // Invalid routing number

   //traverse array and prepare data for posting
   foreach ( $post_data as $key => $value) {
      $post_items[] = $key . '=' . $value;
   }

   //create the final string to be posted using implode()
   $post_string = implode ('&', $post_items);

   //create cURL connection
   $curl_connection = curl_init('https://theecheck.com/backoffice/api.php');

   //set options
   curl_setopt($curl_connection, CURLOPT_CONNECTTIMEOUT, 30);
   curl_setopt($curl_connection, CURLOPT_USERAGENT, "Mozilla/4.0 (compatible; MSIE 6.0; Windows
NT 5.1)");
   curl_setopt($curl_connection, CURLOPT_RETURNTRANSFER, true);
   curl_setopt($curl_connection, CURLOPT_SSL_VERIFYPEER, false);
   curl_setopt($curl_connection, CURLOPT_FOLLOWLOCATION, 1);

   //set data to be posted
   curl_setopt($curl_connection, CURLOPT_POSTFIELDS, $post_string);
```

```php
  //perform our request
  $result = curl_exec($curl_connection);
  echo "Transaction Result: " . $result . "<br><br>";
  // uncomment below to show information regarding the request
//  print_r(curl_getinfo($curl_connection));
 // echo curl_errno($curl_connection) . '-' . curl_error($curl_connection);

  //close the connection
  curl_close($curl_connection);

?>
```

VBScript Example

```
VBSTART
Function HTTPPost(sUrl, sRequest)
  set oHTTP = CreateObject("Microsoft.XMLHTTP")
  oHTTP.open "POST", sUrl,false
  oHTTP.setRequestHeader "Content-Type", "application/x-www-form-urlencoded"
  oHTTP.setRequestHeader "Content-Length", Len(sRequest)
  oHTTP.send sRequest
  HTTPPost = oHTTP.responseText
End Function
VBEND
```

VBEval>HTTPPost("https://theecheck.com/backoffice/api.php","security_key=YOURSECURITYKEY&purchaser_firstname=John&purchaser_lastname=Doe&purchaser_address=132Soehwhere&purchaser_city=BeverlyHills&purchaser_state=CA&purchaser_zipcode=90210&purchaser_phone=5555555555&purhcaser_email=test@yoursite.com.ca&transaction_amount=12.50&purchaser_ip=192.168.1.1&purchaser_account=a123456&purchaser_routing=101000019"),HTMLResult2

Checking the Status of a Transaction

The TheEcheck.Com API is designed to allow merchants to check the status of their transactions programmatically. We encourage users to utilize this feature if the wish. We do however ask that this feature not be abused. For instance, a CRON job checking the status of your pending transactions nightly is acceptable. However, attempting to check all of your transactions hourly is not acceptable as it can cause excessive stress on our servers.

Required Variables

- **security_key** - your unique identifier which can be found under the API Info option in your Back Office

- **transID** – the transaction ID that was returned by our system when the transaction was originally sent

- **get_status** – This variable should be populated with a 1 which alerts the system that the incoming request is for a status check (Please see script examples for more information)

PHP Status Check Example

```php
<?

   //create array of data to be posted
   $post_data['security_key'] = 'YOUR SECURITY KEY HERE';
   $post_data['transId'] = 'YOUR TRANSACTION ID HERE';
   $post_data['get_status'] = '1';


   //traverse array and prepare data for posting
   foreach ( $post_data as $key => $value) {
      $post_items[] = $key . '=' . $value;
   }

   //create the final string to be posted using implode()
   $post_string = implode ('&', $post_items);

   //create cURL connection
   $curl_connection = curl_init('https://theecheck.com/backoffice/api.php');

   //set options
   curl_setopt($curl_connection, CURLOPT_CONNECTTIMEOUT, 30);
   curl_setopt($curl_connection, CURLOPT_USERAGENT, "Mozilla/4.0 (compatible; MSIE 6.0;
Windows NT 5.1)");
   curl_setopt($curl_connection, CURLOPT_RETURNTRANSFER, true);
   curl_setopt($curl_connection, CURLOPT_SSL_VERIFYPEER, false);
   curl_setopt($curl_connection, CURLOPT_FOLLOWLOCATION, 1);

   //set data to be posted
   curl_setopt($curl_connection, CURLOPT_POSTFIELDS, $post_string);

   //perform our request
   $result = curl_exec($curl_connection);
   echo "Current Status: " . $result . "<br><br>";
   //show information regarding the request
  //  print_r(curl_getinfo($curl_connection));
  // echo curl_errno($curl_connection) . '-' . curl_error($curl_connection);

   //close the connection
   curl_close($curl_connection);
?>
```

VBScript Status Check Example

```
VBSTART
Function HTTPPost(sUrl, sRequest)
  set oHTTP = CreateObject("Microsoft.XMLHTTP")
  oHTTP.open "POST", sUrl,false
  oHTTP.setRequestHeader "Content-Type", "application/x-www-form-urlencoded"
  oHTTP.setRequestHeader "Content-Length", Len(sRequest)
  oHTTP.send sRequest
  HTTPPost = oHTTP.responseText
End Function
VBEND

VBEval>HTTPPost("https://theecheck.com/backoffice/api.php","security_key=YOURSECURITYKEY&transID=YOURTRANSACTIONID&get_status=1"),HTMLResult2
```

Sending a Recurring Transaction

The sending of a recurring transaction to the TheEcheck.Com API is very similar to sending a regular transaction. The only difference is a few extra required variables. Additionally, the recurring transaction system allows you to send an initial charge, as well as the recurring charge. If charge amount is to be the same, both variables will still need to be populated with the transaction amount.

This ability is useful in the event you charge for example $9.95 as an introductory offer, and then $19.95 monthly thereafter.

Required Variables

- **security_key** - your unique identifier which can be found under the API Info option in your Back Office
- **purchaser_firstname** - self explanatory
- **purchaser_lastname -** self explanatory
- **purchaser_address** - House number and street address
- **purchaser_city -** self explanatory
- **purchaser_state -** self explanatory
- **purchaser_zipcode** - self explanatory
- **purchaser_phone** - self explanatory
- **purchaser_email -** self explanatory
- **transaction_amount** - self explanatory
- **purchaser_ip** - MUST be the IP of the person making the purchase. NOT the IP of your server
- **purchaser_account** - the bank account number of the person making the purchase
- **purchaser_routing -** the 9 digit US Bank routing number
- **is_recurring –** This value must be set to 1 to indicate to the API the transaction is recurring. If this value is not set, the transaction will be accepted as a standard transaction
- **initial_charge** – the amount of the initial charge. Do not include a $
- **recurring_charge** – the amount of the recurring monthly. Do not include a $
- **cycle** – this is the cycle at which billing is to recur. Accepted values are WEEKLY, BIWEEKLY, or MONTHLY and the values must be upper case for this variable

Submit Tracking Information

Merchants that sell physical goods are required to provide tracking information corresponding to their transactions. TheEcheck API can receive the tracking information and append it to your transaction data. The required variable information can be found below.

Required Variables

- **security_key** - your unique identifier which can be found under the API Info option in your Back Office
- **add_tracking** – This variable must be set to 1 to indicate to the API the proper function call
- **merchant_order_number** – the order number of the transaction on your side
- **trans_id** – the transaction ID supplied by TheEcheck that corresponds to the transaction that you are providing the tracking information for.
- **customer_full_name** – the first and last name of the customer
- **merchant_tracking_number** – the tracking number provide by your shipping company
- **shipping_method** – the carrier used to ship goods (i.e., UPS, DHL, FedEx, etc)
- **transaction_amount** – the amount billed to the customer for the transaction
- **charge_date** – the date you submitted the transaction to TheEcheck.Com (format: YY-MM-DD)
- **ship_date** – the date you shipped the goods (format: YY-MM-DD)