



THIRD PARTY
Third Party Carts

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MD5 Specifications

This page covers the MD5 Hash that the **2Checkout** payment routines will return on a passback. It is provided for clients that wish to take the extra steps to make sure that a successful passback from the **2Checkout** system has not been faked.

The MD5 Hash is generated using the following values in order:

1. A Secret Word value known only to the seller and **2Checkout**. You set the value of your "Secret Word" in the admin area under the Account Details -> Return tab,
2. Your Seller Number,
3. Total Order Number (Including Seller Number , i.e. 123-12324),
4. Amount of the Sale (no currency sign or commas).

Note: The whole MD5 pasback string will be converted to UPPER CASE.

Here is a snippet of Perl code that can used to generate the value.

```
$string =  
"$secret_word"."$seller_number"."$seller_number-$order_number"."$amount";  
require Digest::MD5;  
$md5 = Digest::MD5->new;  
$md5->add($string);  
$digest = $md5->hexdigest;  
$digest = uc($digest);  
# $digest is the value that will be passed back to you.
```

If you are using the <https://www.2checkout.com/cgi-bin/Abuyers/purchase.2c> routine the digest will be sent back as the value **x_MD5_Hash**

Note: on /Abuyers/ routine, if demo mode is enabled, the order number / trans action number will ALWAYS be "0".

If you are using any other routine it will be passed back as the value **key**.