



**DEVELOPER**

**INTEGRATION GUIDE**

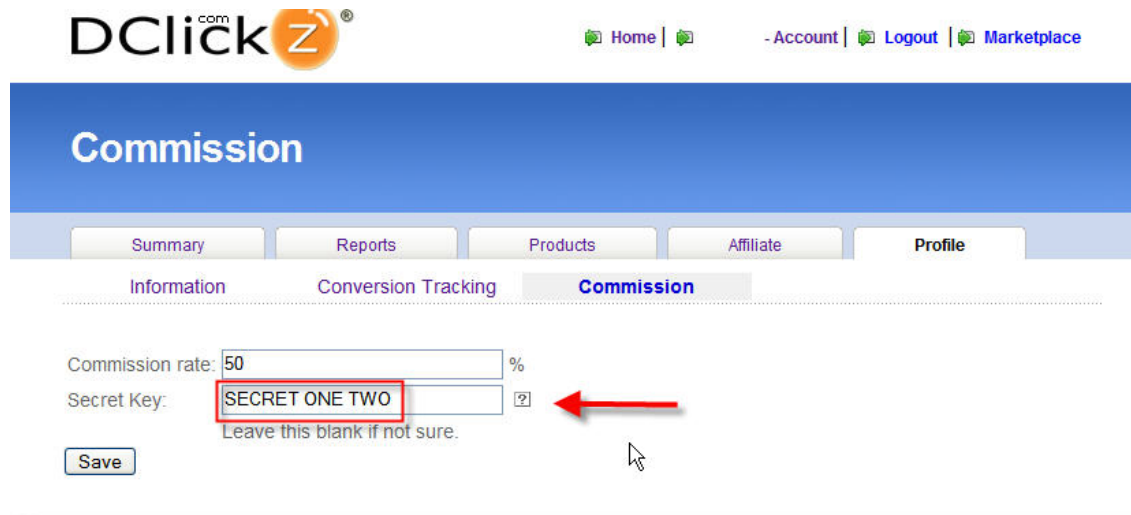
## DESCRIPTION

[DClickz](#) enables seller of digital goods to easily accept credit card payments. With built-in free affiliate marketing, tracking, and payout, DClickz handles both the sale and commissions. Paychecks are issued twice a month through checks, PayPal, or direct deposit. Publishers and affiliates can choose to get their paychecks instantly sent to their PayPal account (using PayPal Mass Pay).

## DCLICKS FOR VENDORS OF DIGITAL GOODS

Sellers of digital goods will complete the following steps to [start selling their digital products](#) with DClickz:

- 1) Set up their *secret key* (if they would like to implement server-side authentication of every purchase)



The screenshot shows the DClickz.com user interface. At the top, there is a navigation bar with links for Home, Account, Logout, and Marketplace. Below this is a blue header with the word "Commission". Underneath the header are several tabs: Summary, Reports, Products, Affiliate, and Profile. The "Commission" tab is currently selected. The form displays the following fields:

- Commission rate: 50 %
- Secret Key: SECRET ONE TWO (highlighted with a red box and a red arrow pointing to it)
- Leave this blank if not sure.
- Save button

- 2) Setup the *Pitch Page* and *Thank You (Download) Page* for their products.

Note: the Thank You (Download) Page can be a dynamic page (PHP, JSP, ASP, etc) with server-side verification.

## Add Product

Summary Reports **Products** Affiliate Profile

List **Add**

For speedy product approvals, please follow the guidelines below:

- Make sure your Pitch Page and Thank you Page are working and accessible.
- In your Thank you page, provide clear contact information (email or phone number) so your customer can contact you if they have any questions.
- Provide 30-days money back guarantee on your pitch page.
- Please add the following statement to your thank you page: **"Your billing statement will show a charge from DClickz Digital Books"**

Product pitch page URL \*:

Product thank you page (or download page) URL \*:

Price (USD) \*:

Marketplace Title \*:

Marketplace Description \*:



[Home](#) | [Account](#) | [Logout](#) | [Marketplace](#)

## Products

Summary Reports **Products** Affiliate Profile

List **Add**

Product		Image
Product ID	1	<b>Image Not Available</b>
Title	PDF Publishing Guide	
Description	This guide will tell you how to publish your book in Adobe Acrobat Format, a universal reading format, easily and effortlessly.	
Price	\$10.00	
Categories	Fun & Entertainment -> Hobbies	
Tags	ebook	
Pitch Link	<a href="http://www.dclickz.com">http://www.dclickz.com</a>	
Thank you Link	<a href="http://www.dclickz.com">http://www.dclickz.com</a>	
Actions	<a href="#">Order Link</a> <a href="#">Affiliate Link</a> <a href="#">Testing Link</a> <a href="#">Edit</a> <a href="#">Delete</a>	

## AT THE COMPLETION OF EACH PURCHASE

The following parameters are passed along to the Thank You Page. When the customer completes a purchase, several values are passed along to the Thank You Page:

Example:

```
http://www.ThankYouPage.com/thankyoupage.php
/?tx_id=080202180080F86C2CAA&tx_time=1202004021&tx_name=John%20Doe&tx_email=john@email.com&tx_zip=&tx_product_code=ebook1_1&tx_price=10.0&pid=1&uid=ebook1&tx_checksum=bf291b201d73f18e5058e505a6e81531977b80c1
```

### Parameters:

**tx\_id** - Transaction ID  
**tx\_time** - Unix timestamp (based on seconds since standard epoch of 1/1/1970)  
**tx\_name** - Buyer's name  
**tx\_email** - Buyer's email address  
**tx\_zip** - Buyer's zip code  
**tx\_price** - Price of product  
**pid** - product id ( 1, 2,3 , etc) (*maybe important for your integration*)  
**uid** - Publisher's Dclickz username (*maybe important for your integration*)  
**aff** - Affiliate's Dclickz username  
**tx\_checksum** - SHA1 checksum for verification of purchase

### Note:

*tx\_name*, *tx\_email*, *tx\_zip* maybe NULL in some instances where the user uses alternative payment methods (such as Google Checkout) where the parameters are not passed in real-time to DClickz' backend.

## VERIFICATION OF PURCHASE (FOR DYNAMIC THANK YOU PAGE)

Verification of purchase is done by comparing *tx\_checksum* and making sure that it is equal to the SHA1 hash of *SECRET\_KEY + TX\_ID + TX\_TIME + TX\_PRODUCT CODE*, where "+" means concatenation of these strings.

If they are equal, then it is a valid purchase. If they are not equal, then it is not a valid purchase.

### Sample PHP source code:

```
function isValidPurchase()
{
    $secret='you secret key';
    $tx_id=$_REQUEST['tx_id'];
    $tx_time=$_REQUEST['tx_time'];
    $tx_product_code=$_REQUEST['tx_product_code'];
    $tx_checksum=$_REQUEST['tx_checksum'];

    return ($tx_checksum ==
        sha1($secret.$tx_id.$tx_time.$tx_product_code))?1:0;
}
```

```
}
```

### Sample RUBY source code:

```
def isValidPurchase
  secret="your secret key"           # your secret key
  tx_id=params[:tx_id]               # transaction ID
  tx_time=params[:tx_time]           # transaction time
  tx_product_code=params[:tx_product_code] # your product code
  tx_checksum=params[:tx_checksum]   # transaction checksum
  sha1=Digest::SHA1.hexdigest(secret+tx_id+tx_time.to_s+tx_product_code)
  return (tx_checksum == sha1)?1:0
end
```

### Sample Inputs For Your Testing

Input values:

```
SECRET_KEY = 'SECRET ONE TWO'
tx_id = '080202180080F86C2CAA'
tx_time= '1202004021'
tx_product_code = 'ebook1_1'
```

Checksum value:

```
tx_checksum= 'bf291b201d73f18e5058e505a6e81531977b80c1'
```

Verification of purchase is done by comparing *tx\_checksum* and making sure that it is equal to the SHA1 hash of *SECRET\_KEY + TX\_ID + TX\_TIME + TX\_PRODUCT CODE*, where “+” means concatenation of these strings.

If they are equal, then it is a valid purchase. If they are not equal, then it is not a valid purchase.

### FORMAT OF PAYMENT/ORDER LINK

DClickz understands the importance of getting up-to-speed quickly. Payment links will be effective immediately as the user submits a new product request.

[https://www.dclickz.com/order\\_form/USER\\_NAME/PRODUCT\\_ID](https://www.dclickz.com/order_form/USER_NAME/PRODUCT_ID)

Example:

[https://www.dclickz.com/order\\_form/ebook1/1](https://www.dclickz.com/order_form/ebook1/1)

### FORMAT OF “Join As My Affiliate” LINK

Vendors of digital goods can put the following link in the footer of their page to attract more affiliates to promote their products.

[http://www.dclickz.com/join\\_affiliate/USER\\_NAME/PRODUCT\\_ID](http://www.dclickz.com/join_affiliate/USER_NAME/PRODUCT_ID)

Example:

[http://www.dclickz.com/join\\_affiliate/ebook1/1](http://www.dclickz.com/join_affiliate/ebook1/1)

## YOUR INTEGRATION

Your typical integration would require the followings:

1. Your customer to provide their DClickz information:

**DClickz username** (such as "johndoe") - this is passed as "*uid*" to Thank You Page

**Product\_id** (e.g: 1,2,3 , etc) - this is passed as "*pid*" to Thank You Page

**Secret key** (such as "This Is My Secret")

2. Server-side verification purchase (by comparing checksums)

3. If your solution hosts the Pitch Page, you may want to include the:

**Payment/Order link** (see format above)

**Join As My Affiliate" link** (see format above)

## ADDENDUM

You can reuse or modify the following information for instructions for your user base.

Steps for your users to get and configure their DCickz information:

1. **Log into your DClickz account.**
2. Go to **Publisher > Setup Your Commission**
3. Enter random numbers and alphabets in the "**Secret Key**" field.  
Note down your **secret key**.
4. Go to **Publisher > Setup Your Products**
5. Edit your existing product and set [<http://www. ...>] as **Thank you page**, or [<http://www. ...>] as **Pitch Page**. Note down your **product\_id**.

### Links

<http://www.dclickz.com/seller>

<http://www.dclickz.com/affiliate>

Contact: [developer@dclickz.com](mailto:developer@dclickz.com)