



CopySafe Web Converter

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How to copy protect any web page

- The **CopySafe Web Converter** encrypts images for display on web pages.
- When a **CopySafe Web** image loads in **ArtisBrowser**, it activates **Protect Mode**.
- By adding a single small icon, **any web page can be copy protected**.

Copy Protected Images

CopySafe Web encrypted images are most secure because they cannot be opened or displayed if the viewing environment is not secure, and while on display they are protected from all avenues of copy and exploit - short of taking a photo of the computer screen with a camera.

The image files stored on your website or USB cannot be opened without the aid of the **CopySafe Web** viewer html on a web page, and the image can only be decrypted and displayed by using the **ArtisBrowser**, a secure web browser especially designed for copy protected media. No other web browser can display **CopySafe** media – ensuring that your intellectual property remains secure and protected.

Copy Protecting Web Pages

The mere addition of a CopySafe Web encrypted image on any web page will most securely copy protect all content on that web page. For example, to copy protect a series of pages making up an online course, all you need to do is add a single small CopySafe Web icon to the top of the page.

Displaying CopySafe Web Images

CopySafe Web encrypted images require special html for a viewing object. That HTML can be created in a number of ways – by using the CopySafe Web Converter or by using a CMS plugin like the ones that we provide for WordPress, Moodle, Drupal, Joomla and Nuke.

CopySafe Web Converter

The **CopySafe Web Converter** software will encrypt images and provide the HTML to use.

The screenshot shows the 'CopySafe Web Converter' application window. It features a table for 'Image files to convert' with columns for '#', 'File Name', 'Folder', 'Width x Height', and 'File Size'. To the right of the table are buttons for 'Add file(s)', 'Add folder', 'Remove selected', 'Clear list', 'Move up', and 'Move down'. Below the table, the 'Presentation style' section includes radio buttons for 'Targeted link' (selected), 'Text to image', 'Image to text', 'Image to image', and 'Slideshow'. A descriptive text explains that clicking a protected image leads to a user-defined web page. A 'Link' text box contains 'https://artistscope.com/copysafe_web_protection.asp'. The 'Frame' section has radio buttons for 'Same browser window, current frame (_self)' (selected), 'Same browser window, top frame (_top)', 'New browser window (_blank)', and 'Other:'. Below this is a 'Loading message' text box with 'Please wait while the image downloads...'. The 'Status message' text box contains 'Artistscope - Developed by Artists for Artists'. The 'Background color' is set to black, and the 'Text color' is set to white. A 'Border width (pixels)' spinner is set to 0. A 'preview...' button is visible. A checkbox for 'Lock to domain' is unchecked, with a note 'Please register to enable domain locking function!'. The 'Target folder' text box shows 'C:\Test\Copysafe-WEB\tests', with a 'Browse' button next to it. A checked checkbox 'Open target folder on completion' is present. At the bottom, there are 'Start' and 'Stop' buttons, and a status bar with 'About', 'Register...', and 'Close' buttons.

#	File Name	Folder	Width x Height	File Size
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Image files to convert:

Add file(s)
Add folder
Remove selected
Clear list
Move up
Move down

Presentation style:

☒ Targeted link ☐ Text to image ☐ Image to text ☐ Image to image ☐ Slideshow

When the user clicks on the protected image they will be taken to a web page of your choice. You can also choose whether to open the web page in a new browser window, or to replace the protected image page with the chosen web page.

Link:

Frame: ☒ Same browser window, current frame (_self)
☐ Same browser window, top frame (_top)
☐ New browser window (_blank)
☐ Other:

Loading message:

Status message:

Background color: Border width (pixels):

Text color:

☐ Lock to domain: Please register to enable domain locking function!

Target folder:

☒ Open target folder on completion

Image Files To Convert

Here you can add select images or import all images found in a folder that you nominate.

Presentation Style

- **Targeted Link** – add a hyperlink to the image. Leave blank if no link is required.
- **Text to Image** – The Status message is shown until the user clicks on the image.
- **Image to Text** – the image is shown until the user clicks for the message.
- **Image to Image** – clicking the image shows the second image.
- **Slideshow** – displays each image for the time set as Delay.

Note: when using swap image and slideshow, all images should be the same size.

Loading and Status Messages

Loading and Status messages can be useful, but may not apply to non-Windows OS.

Background Color, Text Color and Border

These options should be self explanatory.

Lock To Domain

Domain Lock is most recommended because it prevents images from be displayed away from their designated website. This means that should someone download the encrypted image, it will not display unless viewed from a web page on your website. Domain Locked images are also safe from your employees and the staff employed by your web host.

To employ **Domain Lock** a licence file is required for each website. At the time of purchasing a licence to use this software you can nominate up to 5 domains to include for free. Additional domains can be provided at a later date by contacting our support team.

A license for **example.com** will enable use on all websites like **alias.example.com**

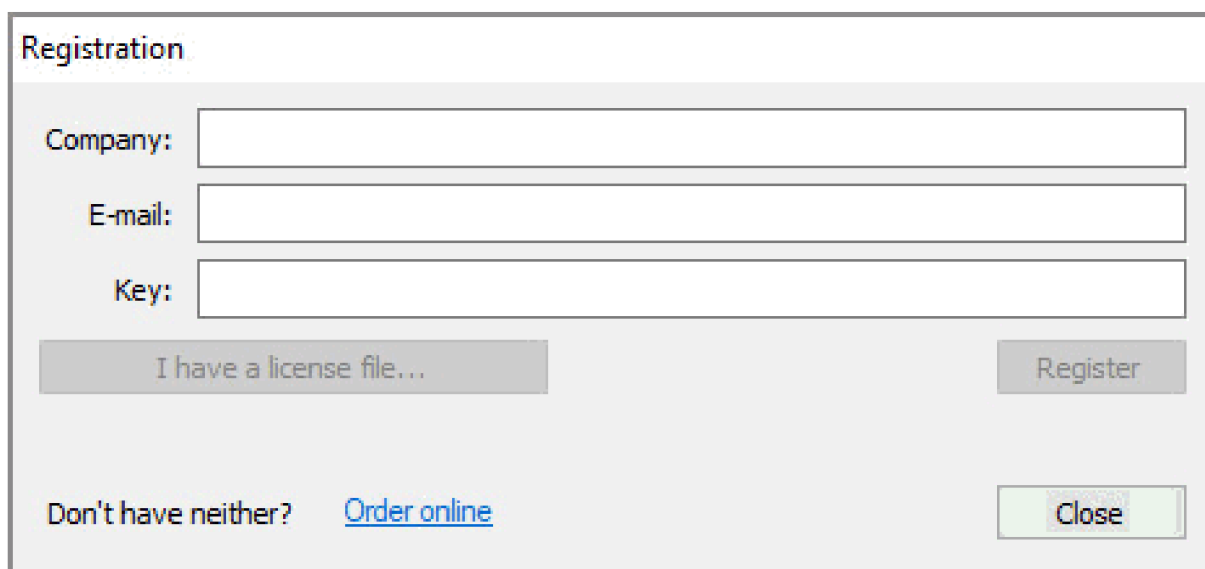
See below for more info on **Domain Lock** licenses.

Software Licensing

A software license can be purchased online to activate the software and remove DEMO limitations. CopySafe Web licenses are a one-time fee with free support for life. After purchasing online the license key is sent by email and one needs to be online when activating the software. Licenses are per computer. If ever you change your computer or hard drive, contact our support team.

Software Activation

An internet connection is required for activation. Start the CopySafe Web Converter, click on the Register button.

A registration dialog box with a title bar labeled "Registration". It contains three input fields: "Company:", "E-mail:", and "Key:". Below the "Company:" field is a button labeled "I have a license file...". To the right of the "Key:" field is a button labeled "Register". At the bottom left, there is a link "Don't have neither?" followed by a blue underlined link "Order online". At the bottom right is a button labeled "Close".

Registration

Company:

E-mail:

Key:

I have a license file... Register

Don't have neither? [Order online](#) Close

Input the **Company Name** as recommended in the email with your license key. If it only contains 3 letters like "VGO" use that because it will prevent illegal characters (non-English) from being used.

Input the **E-mail** address that you used for the purchase – it needs to be active to be able to receive the backup license file.

Input the **Key** exactly as received, including the dashes [-]. Copy-n-paste will ensure that.

If all is good your **CopySafe Web Converter** software will be activated automatically. If not, see the next section.

Activation Failure

CopySafe Web Converter will submit your license details to our **registration server** that checks authenticity. If your license details are correct the software will receive a response and activate itself automatically.

If not automatically activated, check your email for the **backup license file**. If that is not found it could be in your SPAM folder. If that email cannot be found, you can assume that something on your end has prevented the software from submitting data to the registration server.

Failures are rare but they do happen and the reason for such failures are:

1. Anti-virus software – can prevent software from sending data to the Internet. It may allow sending and then block the response. Either way, if the AV software does not provide options for nominating software (whitelisting) to allow access to the Internet, you need to disable it. When disabling AV, be sure to restart the computer to ensure it is not running. It can be re-enabled once you are activated.
2. Firewalls – networks can be configured to block access to or from the Internet. If your computer cannot reach **artistscope.com**, see your network administrator. Alternatively, disconnect from that network and try connecting using another Internet service – like your wifi at home.
3. Security policy – some corporate networks can have limitations in place that prevent unknown apps from accessing the Internet

If you have tried all of the above and still not activated, try starting the CopySafe Web Converter by right clicking on its EXE or start icon, and selecting “Run as Administrator”.

Note: that your activation is logged by the software, and that subsequent attempts will require the removal of that data to be able to start afresh. See

%APPDATA%*****\CopySafe Web Converter

or C:\Users\AppData*****\ Roaming*****\CopySafe Web Converter

Backup License File

When you activate, a backup license file will be emailed. If your Converter has not activated automatically, you can select this backup file to complete the process. Look for a **CopysafeWeb.lic** file – opening in an editor will corrupt this file.

CopysafeWeb.lic files are NOT transferable between computers.

Domain Lock Licenses

A **Domain Lock** license file is required for each web site that employs Domain Lock. To install Domain Lock licenses, simply copy the file/s to the root folder for your CopySafe Web Converter (same folder as Converter.exe). Then restart the Converter.

Handle License Files With Care

Domain Lock files are sent by email and caution is needed – do not open them using an editor because being in **encrypted format** they can easily be corrupted.

In most cases we try to send license files in ZIP format to prevent that from happening. But some mail programs, like Gmail, try to access ZIP files before unpacking first. To be safe, unzip (extract) to another location, then select/copy that file to its new location, namely the root folder for your CopySafe Web Converter.

Distributing CopySafe Web

CopySafe Web images can be deployed for use on any web page – even sent by email and viewed on a user's local computer.

- **Send by Email** - by sending CopySafe Web images with a html page, the image can be viewed by opening the html page in ArtisBrowser.
- **Add to USB and DVD** – add CopySafe Web images with their html pages.
- **Add to Web Pages** – add html to web pages to display CopySafe Web images.

Email : CopySafe Web Images

CopySafe Web images will not display in a mail client, but they can be attached for local viewing. All you need to do is add both the encrypted image and its html page as an attachment.

Recipients can then save those files to a location on their computer, or save to USB. Then by using the ArtisBrowser, they can simply select the image's html file to view the image.

Note: that **Domain Lock** should not be applied.

USB : CopySafe Web Images

By using CopySafe Web one can distribute a portfolio without fear of the images being used without authorization.

In fact by using html pages portfolios and catalogues can use a typical web site format, starting from an index page with links to each of the other pages.

To explore CopySafe Web content the user only needs the **ArtisBrowser** which can be included on your USB with install instructions on the index page. That index page should not include CopySafe Web images.

ArtisBrowser Installation

It is best to provide a link to the ArtisBrowser download page at:

<https://artisbrowser.com/download/>

That way each user gets to install the correct version of ArtisBrowser that is suited to their operating system and device type. For example, there are many different versions of ArtisBrowser to cater for different operating systems like Windows, Mac OSX, iOS (iPhone and iPad), and Android mobile phones.

Also, apps for iOS (iPhone and iPad) and for Android mobile should always be downloaded from their authorized app store. That way user's can be assured that they are not installing software that is approved for use on their device and that it doesn't include malware.

By using the download links provided by the ArtisBrowser download page, users will always get the latest version, and the most secure version.

Offline Use

Once a user has ArtisBrowser installed, there is no need to be connected to the Internet to view CopySafe Web pages stored on USB or DVD.

Website : CopySafe Web Images

CopySafe Web images can be added to any web page, and any web page can be copy protected by simply adding a small CopySafe Web image. While CopySafe Web images are most secure being encrypted, everything else displayed on the page including text, normal images, PDF and video will also be **copy protected**, safe from all copy including screenshots and screen recording.

Note: employing **Domain Lock** on the CopySafe Web image is most recommended.

Hard Coding : CopySafe Web Pages

The CopySafe Web Converter can create the html pages for each image according to the chosen Presentation Style. For example the following html is for the **Targeted Link** style:

```
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8"/>
<meta name="artis-allowkeys" value="true" />
<meta name="artis-allowprint" value="true" />
<meta name="artis-allowremote" value="true" />
<meta name="artis-allowmac" value="true" />
<meta name="artis-allowandroid" value="true" />
<meta name="artis-allowios" value="true" />
<meta name="artis-allowlinux" value="true" />
</head>

<body>

<object type="application/x-artistscope-firefox5" codebase="https://artisbrowser.com/download/" width="600" height="400">
  <param name="Style" value="ImageLink" />
  <param name="Link" value="https://artistscope.com/copysafe_web_protection.asp" />
  <param name="TargetFrame" value="_self" />
  <param name="Loading" value="Please wait while the image downloads..." />
  <param name="Label" value="Artistscope - Developed by Artists for Artists" />
  <param name="TextColor" value="FFFFFF" />
  <param name="BorderColor" value="FF0000" />
  <param name="Border" value="3" />
  <param name="FrameCount" value="1" />
  <param name="Frame000" value="example_0600_0400_C.class" />
</object>

</body>
</html>
```

Note how the Converter gets the dimensions of the image to include in the filename. That filename can now be used by scripted pages to resize proportionally. However for manual coding, you can adjust the **width** and **height** in the first line of **object** code.

Templates : CopySafe Web Pages

Static web pages created by a scripting language like PHP, ASP or JavaScript can utilize templates for the code above – only item that will differ is the filename (Frame000).

Dynamic : CopySafe Web Pages

Content management systems (CMS) like WordPress, Moodle, Drupal, Joomla and Nuke create their web pages dynamically (on-the-fly) from database records.

CopySafe Web plugins are available for each of those CMS that enable one to add CopySafe Web images to any existing web page or post while using their online editors. The download links for those plugins can be found at https://artistscope.com/copysafe_web_protection.asp

Note that plugins are not available for other CMS that either not commonly used or limited like WIX which does not allow access to its backend scripting or templates.

The plugins for each CMS are very similar in that they all provide the same features. When editing a page or post, click on the [C] icon above the HTML editor toolbar to insert the shortcode where the cursor was last placed in the text area. After uploading or selecting an existing image (from a previous upload), you can then nominate the security settings to use for the page or post.

Plugin Installation : WordPress

Can be installed from the WordPress dashboard. Otherwise upload **wp-copysafe-web.zip** to the WordPress plugins folder and unzip (extract). After installation, you should see a new folder with its contents at:

/wp-content/plugins/wp-copysafe-web/

Next, create a new folder in your **uploads** folder and **set write permissions** on it:

/wp-content/uploads/copysafe-web/

To complete installation, go to your WordPress dashboard and view your plugins list. You can now click to "activate" **CopySafe Web**, after which a new menu item will appear in your left-hand column. By expanding the menu item for CopySafe Web, you will see two (2) new menu items, one for **Default Settings** and the other to **List Uploaded Files**.

Check Settings

Go to Administration » CopySafe Web » Settings

Default Settings

Default settings applied to all protected pages:

? Allow Admin Only: ☐

? Upload Folder:

? Mode:

? Minimum Version:
Enter minimum version for ArtisBrowser to check.

Browser allowed

? Allow ArtisBrowser: ☒

? Allow Firefox: ☐ (for test only)

? Allow Chrome: ☐ (for test only)

Save Settings

These settings are applied to all CopySafe Web pages.

Using the Plugin

Create or edit an existing page or post and add copy-protection by uploading or selecting an already uploaded image. Look for the [C] icon beside the media upload icon.

 **Edit Page** [Add New](#)

Upload/Insert    <- Click to add CopySafe Web image Visual HTML

B **I** **ABC**        

```
[copysafe name='unmasking580_0580_0384_C.class' border='0' border_color='000000' key_safe='0' capture_safe='1' menu_safe='0' remote_safe='0' text_color='FFFFFF' loading_message='Image loading...' hyperlink='' target='_top']
```

The **shortcode** shown above can be edited and copied for use on other pages.

Templates

The templates for csi.js and HTML can be customized to apply for all images.

Watermarking Images

The WordPress plugin can apply a customizable watermark to the image area.

Demo Limitations

The CopySafe Web Converter software is free to use for 14 days.

That means that it can be used for short term projects for FREE – the images that it encrypts do NOT expire.

However **Domain Lock** cannot be employed by the DEMO version.

To continue using the **Converter** with options for using **Domain Lock**, you can purchase a **one-time license** that includes up to **5 Domain Lock licenses** and **free support for life**.

Purchase a CopySafe Web License

CopySafe Web Converter licenses can be purchased online at

https://artistscope.com/order/order_web.asp

Additional **Domain Lock** licenses (not already included in your first purchase) can be purchased from the same link.

Free Support

If in doubt about anything, you have two options:

- Contact our support team using the contact form at **artistscope.com**
- Post a question to our **Community Support Forum** at <https://artistscope.com/bb/viewforum.php?f=7>