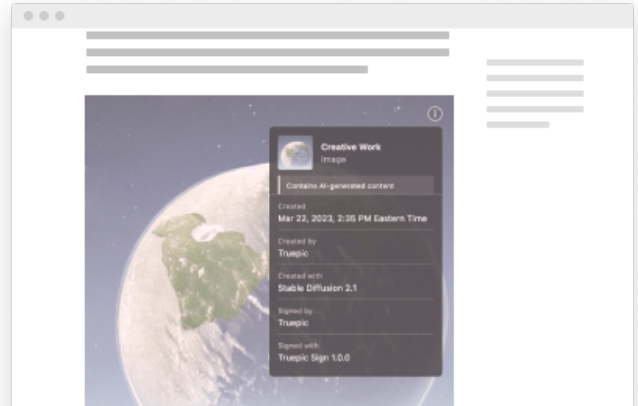




Truepic Display Documentation



v0.3.0 – April 2023

Introduction

Human or AI-generated, original or edited — details matter. Content can easily be composited, manipulated, or even generated by a computer algorithm without any disclosure or transparency. *Content transparency* is a secure, privacy-friendly, and easy-to-scale solution available today. It lets you know where, when, and how media was made, so you have a better sense of what you're looking at online.

At Truepic, we provide content transparency through a suite of solutions that is easy to implement across your workflows. We aim to be your go-to service provider for transparency tools online.

Truepic Display is a JavaScript library that helps content consumers know what they are looking at in the browser, and where it came from, by displaying *signed provenance data*, the origin and history of any C2PA-compatible digital file. For a limited time, Truepic is offering our library script to anyone, free of use, without needing account registration.

Below is a guide that walks you through the simple steps to embed the library and signed media on your website.

Library Integration

Simply add this script anywhere on the page, which could be the `head` or the `body`. The script will automatically update as we improve our tool, without any code changes required on your part.

```
<script type="module"
src="https://display.truepic.com/truepic_display.es.js"></script>
```

The final step is to wrap each signed png or jpg in a `truepic-display` custom element.

```
<truepic-display>
  
</truepic-display>
```

If you are embedding mp4s, note that browser-native video players do not persist overlaid elements in fullscreen mode, so the icon and overlay will not appear there. Only the native video element is supported at this time, but we may support commercial or open source players in the future.

```
<truepic-display>
  <video src="..." controls playsinline />
</truepic-display>
```

Attributes

`active`

Opens the overlay on load. Without this attribute, the overlay shows when the icon is clicked.

`theme`

Dark mode is enabled in the overlay by default and doesn't need to be defined, but may be with `theme="dark"`. To enable light mode, set this attribute to `light`.

`height`

Defines the overlay's overflow. Defaults to `full`, allowing the overlay to exceed the height of the media item, while it inherits the media height and scrolls when set to `contain`.

Signed Media

If you have signed images already, that's great! If not, you can download our sample pack of images and videos by visiting [the Display page on our website](#) and clicking the **Download Samples** button. You can also generate signed media with Adobe Photoshop by enabling the [Content Credentials Beta](#) on your work. Truepic Display does not show any information about images and videos that do not contain C2PA metadata.

The next step is to ensure that your asset hosting and delivery solution does not modify your assets upon upload. Unfortunately, many systems are known to strip metadata like EXIF and C2PA-compliant JUMBF during processing. If known signed media does not display any credentials in the overlay, something upstream likely stripped it from your file after you uploaded it.

WordPress is a popular content management system that resizes and optimizes images by default, removing digital content authenticity technology. As a start, please refer to these tutorials for preventing WordPress from [optimizing](#) and [generating image sizes](#).

Troubleshooting

If the icon is not appearing on your media, check:

- The script tag appears correctly on the page
- Image and video tags are wrapped with the `truepic-display` custom element

If the overlay says “No history details found in media file” on an image you expect to have C2PA information:

Check that the image still has the provenance data preserved. You can use the CAI Verify tool to do this on a hosted asset quickly. Append the absolute path of your image to this url:

`https://verify.contentauthenticity.org/overview?source=`

Visit your constructed url in your browser. If C2PA data is no longer present, the tool will display an error on the right panel, “No Content Credentials attached. There are no Content Credentials attached to this file.” If that's the case, check your asset hosting and delivery solution to ensure that the media files are not getting modified after they are uploaded. If the

Verify tool displays the C2PA information correctly, please get in touch with us using the link at the end of this document for additional support.

FAQ

Why do I have to wrap every media element in a custom element?

The custom element is necessary for the library's functionality, including displaying the icon and overlay and loading a WebAssembly module, which performs signed C2PA provenance data extraction and validation.

What if I don't have access to wrap media in the custom element?

We require implementers to wrap the media elements with the custom element for the library to work. Watch this space, as this requirement may become optional in the future.

Can I style elements with CSS?

We are actively iterating on the tool's user interface, so you can expect changes to appear regularly. Our web component utilizes a shadow DOM, which is encapsulated from and, by default, can't be styled with CSS from a light or main DOM stylesheet. On-page customizations may cause unexpected conflicts with improvements we make to the library, so we have not yet exposed customizable elements, the icon, or anything in the overlay. Watch this space, as this may become customizable in the future.

Next Steps

Now that you have Truepic Display live online with signed media, congratulations! You've joined the flourishing movement for content transparency. Transparency is our most powerful tool in the quest for greater authenticity online. It protects brands and creators, reduces business and security risks, informs consumers, and generally makes the internet a more authentic place for everyone.

You can [schedule a demo](#) with us if you want to learn more about other tools Truepic offers. You can also [subscribe to our newsletter](#), Trusted Future. Finally, please [contact us](#) if you have any questions or comments about this library.