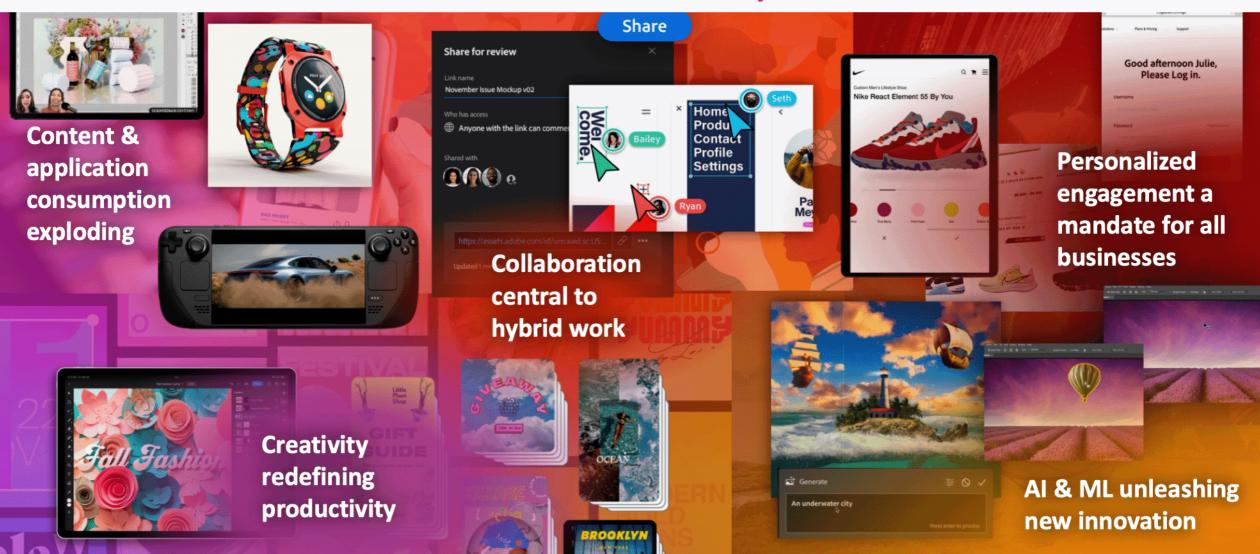






DIGITAL RESHAPING HOW WE CONNECT, INSPIRE & ENGAGE





ADOBE'S COMMITMENT

"Al is a revolutionary technology that has the potential to make an enormous impact on society. At Adobe, we are committed to ensuring that Al is developed responsibly, to serve our creators while respecting our customers."

Dana Rao

Executive Vice President, General Counsel and Corporate Secretary https://www.adobe.com/about-adobe/aiethics.html



Content provenance



2022 Code of Practice on Disinformation



Adobe's Commitment to AI Ethics

At Adobs, our purpose is to serve the creator and respect the consumes, and our heritage is built on providing trustmostiny and innounties solutions to our customers. As our technology becomes more suphisticated, our product and features have the potential to impact our customers in profused and exiting ways, However, we believe we have rich that goes begind coasing the weekfe has technology as are commission to existing that our beforebody and the use of our technology benefits society. At Adobs, we innovate and hames the power of Al in our took, we are declotated to addressing the weekfe having posed by bisned data in the training of our Al Al Etics is one of the core pillars of our commissions to Egilal Chiamships, a pixtige from Adobs to address the consequences of innountion is part of our commissions to Egilal Chiamships, a pixtige from Adobs to address the consequences of innountion is part of our commissions to Egilal Chiamships.

How AI is used in Adobe's produ

We believe AI will enhance human creativity and drive value from the complex global digital ecosystem. For the Creative Cloud, we are focused on making it easier for everyone to tell their story with simpler and more intuitive tools. As part of our Digital Experience effectings, Adobet's enterprise customers use our AI to deliver relevant and meaningful insights and personalized digital experiences to their end customers. And with Document Cloud, AI enabled features help understand the structure of PSPs to sear the user in viewing, searching, and eding documents on any platform.

However, we recognise the particular disallenges inherent in this powerful schooling. All systems are based on date and the data can be blassed. All systems size of based on the data to the blassed. All systems sized on bissed data to unstructionally leveriments or disparage on collevaires cause our customers to feel ten valued. Therefore, we are committed to minimaring a principled and which continues on the size of the s

AI Ethics Principles

At Adobe, we believe responsible At development is based on the following three princip

- Responsibility: We will approach designing and materiating our Altecthology with thoughthic evaluation and
 careful consideration of the impact and consequences of its deployment. We will be insure that we design for
 indusveness and assess the impact of potentially units, discriminatory, or inaccurate results, which might
 perpetuate hermful liouses and stereotypes. We understand that special over must be taken to address bus if a product or service will have a significant impact on an individual's file, and a value implicipament, humaning.
- Accountability: We take ownership over the cutcomes of our Al-assisted tools. We will have processes and resources dedicated to receiving and responding to concerns about our All and taking corrective action as appropriate. Accountability also entails testing for and suitigating potential harms, taking preemptive steps to only a processing of the control of the cont



Practices for Synthetic Media









Content Authenticity Initiative

The Content Authenticity Initiative is a group working together to fight misinformation and add a layer of verifiable trust to all types of digital content





MEMBERS











stability.ai













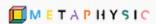




























...more than 1000 members







Content Authenticity Initiative

The Content Authenticity Initiative is a group working together to fight misinformation and add a layer of verifiable trust to all types of digital content

Founded in late 2019 by **Adobe** in collaboration with the **New York Times** and **Twitter**

Content journey steps

- Creation
- Editing
- Publishing & Sharing
- Viewing

"State of the art" technologies at the core, Decentralized Identifiers (Blockchain), XMP, digital signature compliance with eIDAs



Project Origin, founded in 2019 by BBC, CBC Radio Canada, Microsoft and the New York Times

Misinformation has become topical.

As news and information leaders, we have an obligation to put in place defensive measures to protect the information systems the public relies on.

The Origin team has been working to define an end-to-end **process** for the publishing, distribution and presentation of provenance enhanced media.



Coalition for Content Provenance and Authenticity

Coalition for Content Provenance and Authenticity (C2PA) is a Joint Development Foundation project that brings together the efforts of the Content Authenticity Initiative (CAI) and Project Origin.

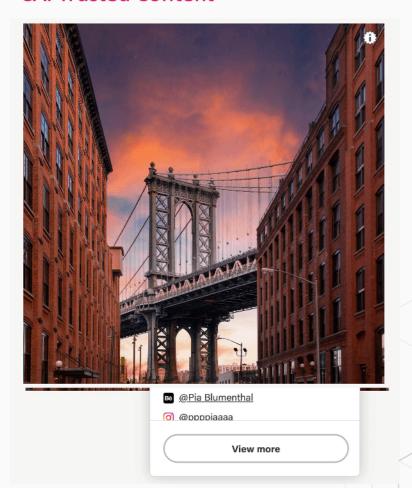
The C2PA binds the efforts of these two groups and focuses exclusively on the development of open, Global Technical Standards to channel the content provenance efforts of the CAI and Project Origin

C2PA v1.3 released in 2023

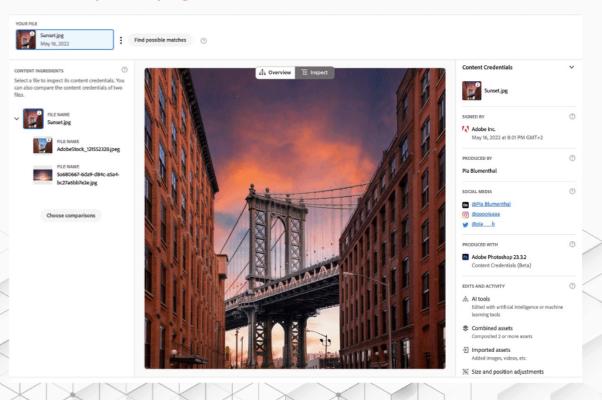


OPEN SOURCE JAVASCRIPT SDK - VERIFY TOOL

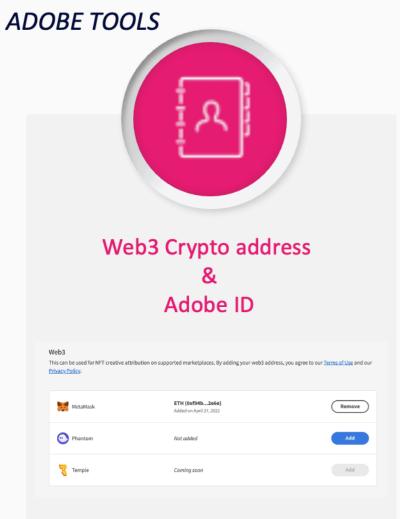
CAI Trusted Content



CAI Verify web page









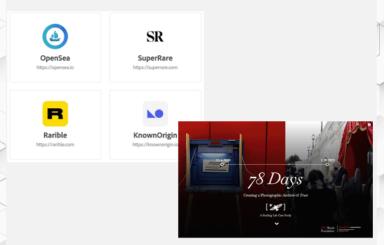
Adobe CC apps configuration







Adobe Stock - Behance Website Custom Integration CAI Open-source tools







ADOBE TOOLS



Raccolte di risorse selezionate

Stupende e ricercate immagini stock esenti da royalty

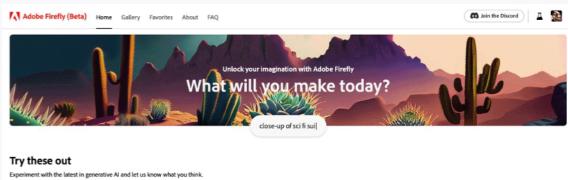
Esplora le più incredibili e variegate collezioni delle nostre risorse stock ad alta risoluzione ed esenti da royalty







Filmato video Stock Foto Stock ad alto impatto ed esenti da royalty per una narrazione potente Splendide clip video in 4K e HD per qualsiasi progetto animato











Use a brush to remove objects, or paint in new ones



Apply styles or textures to text with a text prompt

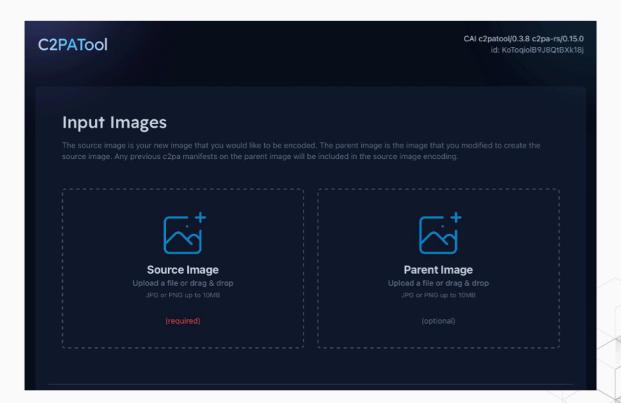
Adobe Stock & Behance

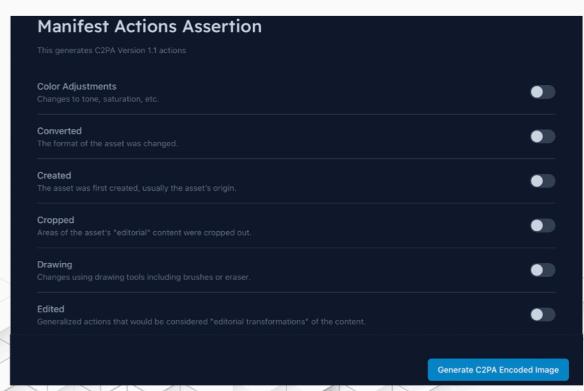
Adobe Firefly (GenAl commercial safe)





USE CASES – PIXELSTREAM





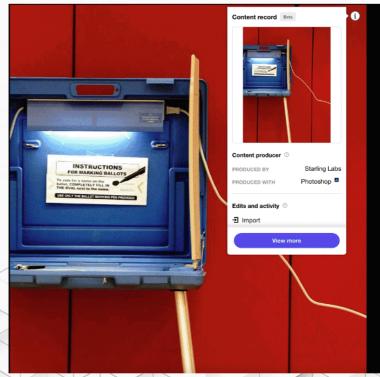
https://c2patool.pixelstream.com





USE CASES - 78 DAYS PROJECT





F or 78 days, teams at the Starling Lab and Reuters worked together to document the presidential transition from Donald Trump to Joe Biden with an array of new image authentication technologies and decentralized web protocols.

The prototype archive that we created is a time capsule for both this historic moment in U.S. politics and a microcosm of the difficulties reporting the news in our digital age, as allegations of fake news and altered digital photos abound.

The methods and tools we evaluated address three challenges:

- 1. How can we securely capture digital photos?
- 2. How can we store them securely?
- 3. How do we verify the accuracy of their content?

The pixels, code, and analysis we present form a complex image of trust. They reveal both the presence and absence of trust in our politics and daily lives.



USE CASES – SMARTFRAME



