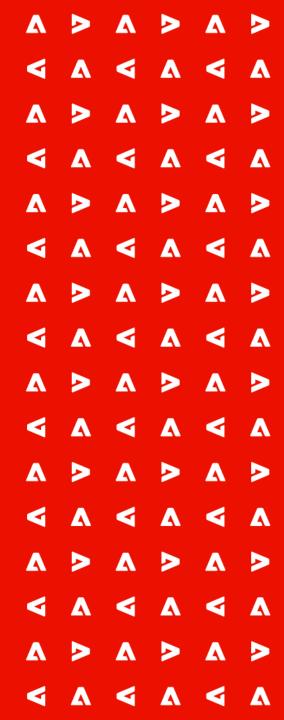


# **Content Authenticity**

Joint Commission on Technology and Science August 21, 2023

Julie Babayan, Head of Policy Development



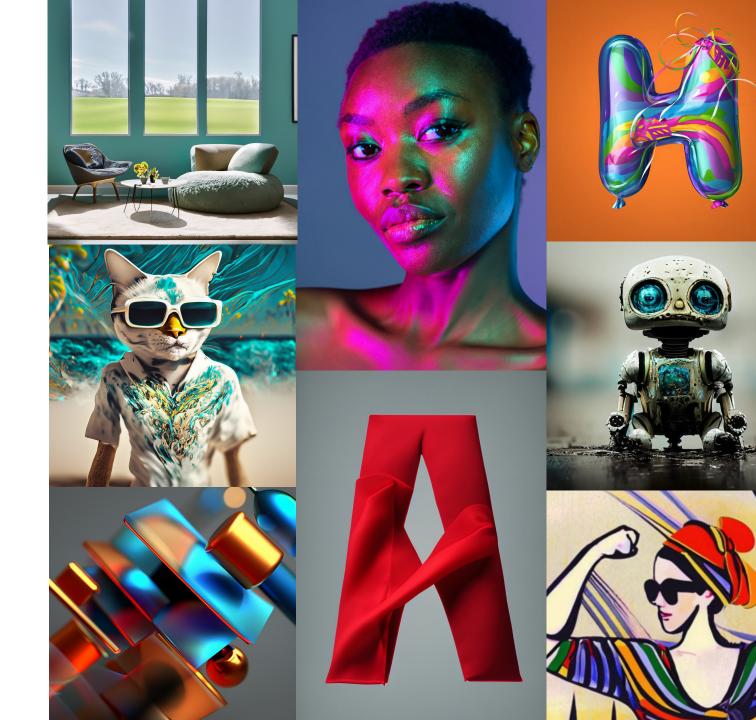


## Adobe's Presence in Virginia



# Adobe's Legacy of Alinnovation

- More than a decade of Al innovation
- 100s of intelligent capabilities via our artificial intelligence services
- Al ethics principles: accountability, responsibility and transparency
- Generative AI: Next evolution of AI driven creativity and productivity



# **Enter Adobe Firefly**

This year we announced our new text-to-image creative generative Al model.



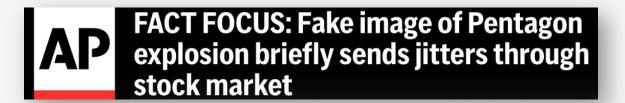
### **AI Implications**

**Harmful Bias/Discrimination** 

**Copyright & Brand Infringement** 

Misinformation

Workforce



The New York Times

Making Deepfakes Gets Cheaper and Easier Thanks to A.I.

WSJ

AI Tech Enables Industrial-Scale Intellectual Property Theft, Say Critics



The Battle Against Fake News Enters The Age Of Deepfakes

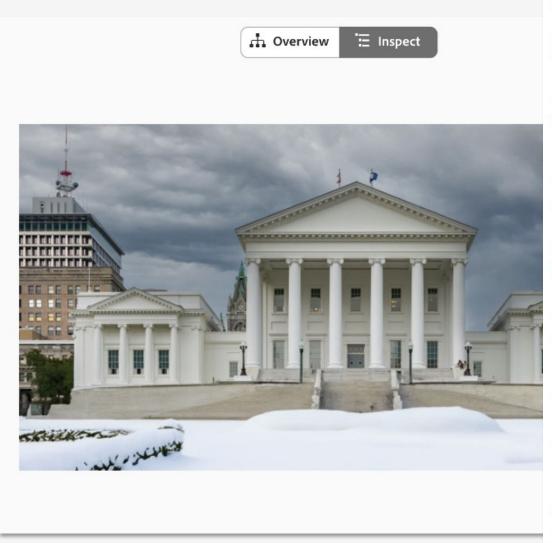
#### **MCNBC**

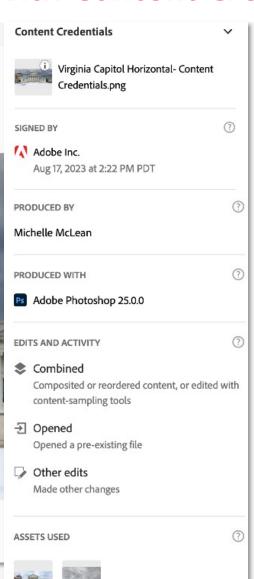
U.S. regulators warn they already have the power to go after A.I. bias — and they're ready to use it



Getty Images sues AI art generator Stable Diffusion in US for copyright infringement

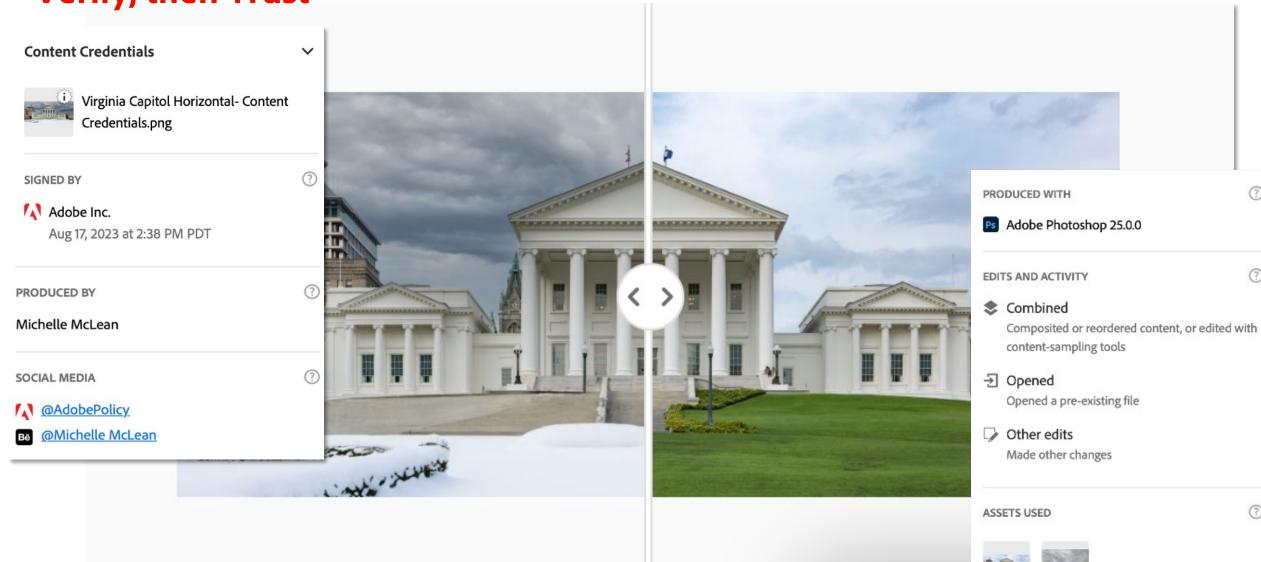
### **Restoring Trust & Transparency with Content Credentials**





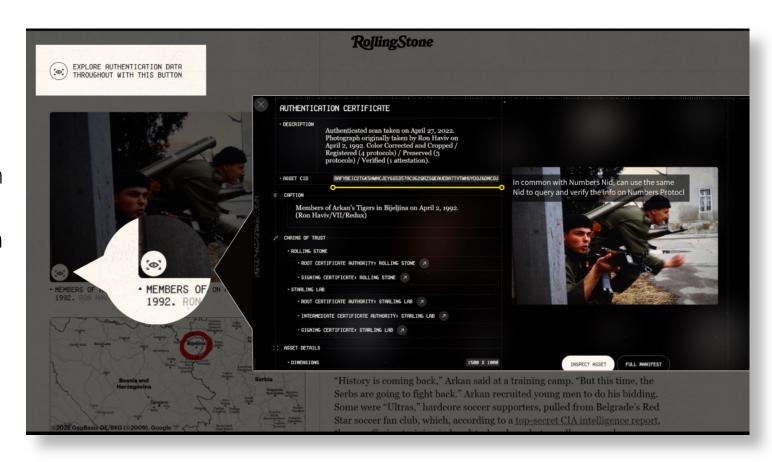
- **Content Credentials** let you prove what's true images, audio, video, documents
- Nutrition label for images: can show name, date, location, edits made to content
- Opt-in technology, built on open industry standard
- CAI reached 1,500+ members, including fellow gen AI developers Stability AI, Spawning AI, and companies like WSJ, AP, Reuters, NYT, WashPo, AFP, The Hindu, Nikon, Canon, Microsoft, Qualcomm, NVIDIA, ARM, and UMG

**Verify, then Trust** 



### Rolling Stone Magazine | Use Case with Content Credentials

- Rolling Stone published photos from Starling Lab – featuring photos from the Bosnian War.
- Starling Lab implemented the C2PA open source standard and applied it to archival photos to add content credentials to each photo (originally captured in 1992).
- They were able to show exactly where the images came from and know that they are authentic images.



#### **Government Can Foster Trust for Digital Content With Content Credentials**

#### What Can Governments Do?

#### **Build Consumer Literacy**

Government has an important leadership role to play in educating the public about the dangers of misinformation and the tools that can be used to combat it.

#### **Implement Content Credentials**

A Virginia state agency could become an early adopter of this technology as a pilot program.

