

Media Provenance at Microsoft

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Background

Microsoft Azure Cloud

- Global cloud provider operating in 140 countries with 90+ compliance offerings
- Services 68,000+ industry partners and 95% Fortune 500 companies

Provenance at Microsoft

Company-wide investment

- Defending Democracy program
- Microsoft Research
- Coalition for Content Provenance and Authenticity (C2PA)

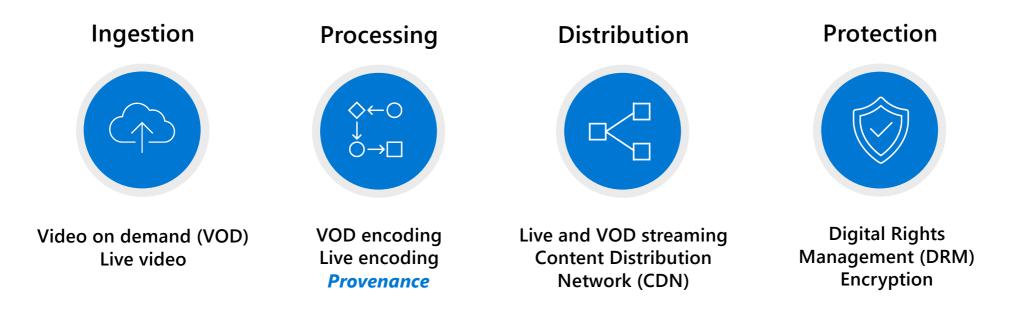
Customer signals

- News media
- Fraud prevention
- Enterprise brand protection
- Content chain of custody

Provenance on Azure Media Services

Azure Media Services

Global video/audio cloud service for storing, processing, and streaming content at scale



Benefits: Lower cost, faster speed to deployment, and lower cost of maintenance

Current State

Implementation

- Compliant with C2PA version 1.0 specification, updating to version 1.2
- Manifest hashing
- Integration with Azure Key Vault for certification signing

Private Preview

- Demoing private Application Programmer Interface (API) with select customers:
- CBC/Radio-Canada: Digital distribution of news media
- Ravnur: Content management system for government organizations

Looking Forward

Future Implementation

Features

- Update to then-current C2PA spec
- Add in additional provenance features
- Easy-to-deploy user experience
- Documentation and code samples

Interested?

Tell us at <u>aka.ms/ProvenanceInterest!</u>



Thank you.

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