

## Signing verified metadata at capture to simplify fact-checking Fake content prevention technology

### Background and Technical Challenges

C2PA defines content provenance formats but does not verify data authenticity, nor provide efficient display methods for user fact-checking.



### R&D Goals and Outcomes

Misinformation via SNS and AI is rising. Signing verified metadata at capture simplifies expert-level fact-checking.

### Key Technologies

#### 01 Core Technologies

Achieving misinformation suppression, enhanced reliability, and visualization through authenticated metadata signatures verified at the time of capture.

#### 02 Key Differentiators

- Verification of authenticity by comparing attached metadata with multiple sources
- Visualization of data during verification and presentation of evidence for validation

**Use Cases** Information Technology (IT)

**R&D phase** Development

**Technology Schedule** FY27-29

**Commercialization Schedule** After FY30

**[Exhibitors]**

R&D Innovation Division, NTT DOCOMO, Inc.

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Mobile Innovation Tech Mobile Architect

**[Co-exhibitors]**

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