

UEChain

From Data to Evidence. From Evidence to Trust.

Creating a Secure, Trusted Provenance Trail for Scarce Data



Preserve

Transform critical data into verifiable evidence.



Verify

Verify data integrity with cryptography and detect tampering.



Trace

Record data provenance and build a traceable history.



Exchange

Exchange verifiable evidence while reducing raw data exposure.



HSM Key Protection



Quantum-Safe Cryptography



Standards-Based



Evidence-Centric by Design

**Data Becomes Evidence.
Trust Connects the Future.**



DataBrushing AI
解智能資料梳理股份有限公司



Learn More



Core Values



Build Trusted Digital Evidence

Transform critical data into verifiable, traceable digital evidence to support long-term trust.



Strengthen Compliance & Auditability

Meet regulatory and industry standards while improving audit efficiency and transparency.



Protect Scarce & High-Value Data

Reduce raw data exposure, create verifiable evidence from fingerprints, and support standards-based encryption.



Enable Trustworthy AI & Cross-Sector Collaboration

Build a trusted data foundation for secure cross-sector collaboration and AI innovation.

Application Domains



Medical Research

Secure and trustworthy healthcare and life sciences data.



Government & Public Sector

Improve public-sector transparency and data trustworthiness.



Academia

Support academic collaboration and trustworthy research data.



Industry & Supply Chain

Strengthen supply-chain resilience and product traceability



Critical Infrastructure

Support critical operations with verifiable records and traceability.



AI & Data Applications

Make AI more reliable and create greater value

Five Technology Principles



HSM Key Protection

Protect CA signing keys and signing operations with HSMS.

FIPS 140-3
Level 3-validated HSM



Quantum-Safe

Support standardized post-quantum key encapsulation and digital signatures.

FIPS 203 (ML-KEM) ·
FIPS 204 (ML-DSA) ·
Hybrid Crypto



Crypto Agility

Support multiple algorithms and phased migration.

Crypto Agility ·
Algorithm Migration



Verifiable by Design

Build digital evidence with integrity, traceability, and verifiability.

Integrity · Traceability ·
Verification



Extensible Evidence Models

Support multi-domain evidence structures and standardized evidence descriptions.

SBOM · CBOM ·
ML-BOM · BIO-BOM



FIPS 140-3 Level 3-validated HSM | FIPS 203 / FIPS 204 | Hybrid Crypto | SBOM / CBOM / ML-BOM / BIO-BOM

Built on Technology. Designed for Verifiable Trust.



DataBrushing.AI
解智能資料梳理股份有限公司



Learn More