

Package authenticity certificate

Demonstration package. Synthetic data. Not evidence.

Issued by: Demonstration issuer (demonstration, synthetic data)

Sealed to the FusionTrace Evidence Standard

Package ID: 0cff6896-b3c0-4c4e-b6ef-f6b35ad59b20

Incident: DEMO-2026-0001

Authorized recipient: Demonstration investigator (fictional) | Demonstration Police Department (fictional)

Purpose: Demonstration: an exit door held open past the site's limit, 2026-10-16T16:14:13Z, at Demonstration Site 001 (fictional)

Authority: Voluntary request, property consent (demonstration)

Record seal SHA-256:

b55187ccfe9dff5198ebc81a88d6014e46881262ed9aa3ac6c2a0ca3dec648dd

Verification page: <https://fusiontrace.io/verify/demo/>

Seal: SHA-256 fingerprints of every file, signed with Ed25519

Manifest SHA-256:

555f735220fe2372f641d9dc790807dff4c6194f8f287aa1956a3553b211d0af

Artifact index SHA-256:

e1196f0c1e66068163010f57196601e74689b46ceb980dd5955a77be6b501e69

Ed25519 signature of the artifact index:

/400fJwa4g3z8V58yx6gMBZfhm2oLveNG/kwh68TByYc2yzMZC7hUBHLPIB2B6nJIholeNFF4RF6+x66iZsrCA==

Signing key: FT-DEMO-2026-10-V3

Signing key fingerprint (SHA-256):

d8b93c3808c8c21ada3fc2ad6ca7dd3a788892d1134f2aa4d6515cff2886e171

Published signing keys: <https://fusiontrace.io/verify/demo/signing-keys.json>

Signed: 2026-10-18T14:19:06.694Z

To verify: recompute the SHA-256 of each file and compare it with

04_INTEGRITY/MACHINE_READABLE/artifact-index.json. Then recompute the artifact index SHA-256, check that the signing key fingerprint equals the key published at the address above (check that address with a source outside this package), and check the Ed25519 signature with that key.

The artifact index SHA-256 is the SHA-256 of artifact-index.json without its integrity member, written with no spaces and its members in file order. Hashing the file as it sits on disk gives a different value.

This certificate is not signed. It repeats values that a verifier checks in the signed files.