

AETERNA – INTEGRITY AUDIT REPORT

Cryptographic Integrity & Audit Assurance Report

Executive Summary

This report documents the deterministic integrity verification performed by **Aeterna** on **2026-02-02T04:03:43.838568Z**.

Aeterna evaluated the complete sequence of recorded operational events using cryptographically chained audit records.

VERDICT: PASS

No evidence of post-ingest modification, record tampering, record deletion, or chain discontinuity was detected within the evaluated scope at the time of verification.

System Identification

Instance ID	AETERNA-19461397
Customer	Freelancer
License Type	Public
Declared Scope	real

Verification Details

A total of **1** sequentially chained audit records were verified, forming a continuous integrity chain from session initiation through session closure.

The verification process is deterministic: any alteration, removal, or insertion of records after ingestion would irreversibly break the chain and be immediately detectable.

Scope Monitoring and Control

During operation, Aeterna continuously monitored execution activity against the declared operational scope.

No scope violations, unauthorized execution paths, or integrity anomalies were detected during the monitored period.

Technical Assurance

Aeterna implements cryptographically chained audit records using **SHA3-512 hashing**, combined with **HMAC-based digital signature generation at ingestion time**.

Each record's integrity depends on the immutability of all preceding records. Any post-ingest modification invalidates all subsequent records and compromises the audit chain in a deterministic and non-repudiable manner.

This report attests exclusively to **data integrity over time**. It does not assert the correctness, legality, or semantic validity of the underlying data itself.

Deliverable Evidence Record

Deliverable Hash	149e1fff3965483505cd75ef64b08931bc87e525ec0813d0a6ec4ee974947a49814bc331b35b8014db7933d25615224b810107bac8e1721f7514e62674f991b5
Hash Algorithm	SHA3-512
Declared By	Freelancer
Purpose	real

Evidence Integrity Statement

This document constitutes a **deterministic integrity artifact** derived exclusively from cryptographically verifiable audit records.

Any modification to the underlying records after the reported verification timestamp is cryptographically detectable and invalidates both the audit chain and this report.

Instance Binding

This report is cryptographically bound to a specific Aeterna execution instance. The following fingerprint uniquely identifies the audited system instance at the time of verification:

Instance Fingerprint	149e1fff3965483505cd75ef64b08931
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Sealed Deliverable

Deliverable Hash (SHA3-512)	149e1fff3965483505cd75ef64b08931bc87e525ec0813d0a6ec4ee974947a49814bc331b35b8014db7933d25615224b810107bac8e1721f7514e62674f991b5
Declared By	Freelancer
Purpose	real

Cryptographic Attestation & Non-Repudiation

Report Hash (SHA3-512)
f299890f42a0119b05e219185d4a6a2ab1a7fd909cfd6854f1ea168347592723e3d91aba341ba6ef4d4551b0caa92190852da824da7c52861812f24e0c0ef020

Digital Signature (HMAC - Aeterna)
484eb2c50e8c0db2e426952ea3f2242dc669eb11606073f2bfe8fabef00d5eeb713642d4a9142d6e4bd0d31761f1d0a891046c7a39af883889842f63a8412732

Report generated by **Aeterna**
2026-02-02T04:03:59.595752 UTC

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