

# AETERNA – INTEGRITY AUDIT REPORT

Cryptographic Integrity & Audit Assurance Report

## Executive Summary

This report documents the deterministic integrity verification performed by **Aeterna** on **2026-02-02T02:34:14.890573Z**.

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	960a5052-db67-4c4b-a294-fa7d15a6a42e
Customer	Client
License Type	Standard
Declared Scope	definitivo

## 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	6721441d721e423fcff4c923cd01cf486aa9e23a188e1245b80f77a2bc189c9cb8a787bfc15fdeb6f68f67233be1be0c8f542e49c2ccb7d5f43f5c77c6651b6ce
Hash Algorithm	SHA3-512
Declared By	Client
Purpose	definitivo

## 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	bb801205-d7b2-4f8e-9dca-f22086f7da75
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## Sealed Deliverable

Deliverable Hash (SHA3-512)	6721441d721e423fcff4c923cd01cf486aa9e23a188e1245b80f77a2bc189c9cb8a787bfc15fdeb6f68f67233be1be0c8f542e49c2ccb7d5f43f5c77c6651b6ce
Declared By	Client
Purpose	definitivo

## Cryptographic Attestation & Non-Repudiation

**Report Hash (SHA3-512)**  
3bb439cc15d39485509e31af7eafea320270787300592059ec964aaef94643765d38c8adcbcc02d8ce8f03c2ca9787abb5e8f84db609a12339d3fb0de7fd27f8

**Digital Signature (HMAC - Aeterna)**  
6c45e69723cc9de466b88fd0e1fb6650d19fb6de0b2143dd3069fa1b8a4794697b36efba13e7bcc5b3dccba8e655ca2eccbde6805b02d6c2283959e1645aa052

Report generated by **Aeterna**  
2026-02-02T02:34:59.462240 UTC

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