Immutable Audit Trail Format

Document Information

Document ID	IMM-ATR-2024-0351
Entity	Acme Financial Systems
Period Covered	2024-01-01 to 2024-06-20
Generated On	2024-06-20 16:33 UTC
Digest Method	SHA-256

Audit Trail Log

#	Timestamp	User	Action	Record ID	Hash
1	2024-01-15 10:05:30	jsmith	Create	REC-4571	d2d2f5e3a...
2	2024-02-09 13:44:19	amartin	Update	REC-4571	c1a3b8ff2...
3	2024-03-02 09:02:14	tnguyen	Delete	REC-3925	f8e1a9dd4...
4	2024-05-27 17:43:51	admin	Restore	REC-3925	b2ada3573...

Hash Chain Verification

Log Entry #	Previous Hash	Current Hash
1	-	d2d2f5e3a...
2	d2d2f5e3a...	c1a3b8ff2...
3	c1a3b8ff2...	f8e1a9dd4...
4	f8e1a9dd4...	b2ada3573...

Important Notes

- Each log entry is irrevocably linked using a cryptographic hash chain.
- Altering, deleting, or reordering any record invalidates the entire trail.
- The audit trail is append-only; entries cannot be edited once recorded.
- Hash method and integrity mechanisms should be reviewed periodically to maintain security.
- This document format is intended for regulatory, compliance, and forensic purposes.