

Security, Encryption, and Compliance Report

Published: March 28, 2026

EXECUTIVE SUMMARY

TalynAI is engineered specifically for the Canadian accounting profession, prioritizing data sovereignty, client confidentiality, and regulatory compliance. Our architecture ensures that CPAs can leverage frontier AI capabilities without compromising their professional obligations under provincial CPA codes of conduct and the Personal Information Protection and Electronic Documents Act (PIPEDA).

DATA PROTECTION & INFRASTRUCTURE

Canadian Data Residency

All data processing and AI inference workloads are strictly executed within Google Cloud 'northamerica-northeast1' (Montreal) and AWS 'ca-central-1' (Montreal). No client data leaves Canadian borders.

Encryption at Rest (AES-256)

All client documents stored in AWS S3 are encrypted using AES-256 (Advanced Encryption Standard). Cryptographic keys are managed via AWS KMS (Key Management Service).

Encryption in Transit (TLS 1.2+)

All data transfers are protected by TLS 1.2 or higher. Implementation is enforced via Google Cloud Run's managed TLS termination and AWS service endpoints. Insecure HTTP connections are automatically rejected.

ZERO-KNOWLEDGE PROCESSING MODEL

Immediate Destruction Logic

TalynAI implements a 'Stateless' processing model. Financial documents are programmatically DELETED from secure storage immediately after the AI analysis is extracted.

Automated Safety Net

To guard against system interruptions, an S3 Lifecycle Policy is enforced on all processing buckets to ensure any residual data is purged within 24 hours regardless of state.

ADMINISTRATIVE ISOLATION

Zero Long-Term Storage

TalynAI does not maintain a database of your documents. Once analysis is complete, the document is deleted, and the AI's response is returned ONLY to your browser session. It is never saved to our persistent servers.

No Administrator Access

Because data is ephemeral and never stored in a readable database, TalynAI administrators and engineers have no technical means to browse, search, or review your client ledgers or uploaded files.

VERTEX AI ENTERPRISE PRIVACY

TalynAI utilizes Google Cloud Vertex AI infrastructure, which is governed by the Enterprise Cloud Data Processing Addendum (CDPA).

- Google does NOT use customer data to train its global foundation models.
- Data isolation is guaranteed through dedicated secure environments for each processing window.
- Compliance with SOC 1/2/3, ISO/IEC 27001, and HIPAA standards.