

Technology & Intellectual Property Overview

An accumulated Canadian software asset built through engineering, deployment, integration and proprietary know-how.

CANADIAN AI TECHNOLOGY	REAL-TIME DECISIONING	PRIVACY-BY-DESIGN
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DCTS's technology should be viewed as an accumulated software and engineering asset rather than an early-stage concept. Its value is represented by source code, architecture, integrations, technical documentation, operating knowledge and commercial development history.

Engineering Heritage

The technology base reflects more than a decade of company history, including approximately seven years of active engineering development. Work has included recommendation and decisioning systems, real-time processing, integrations, APIs, deployment architecture and performance optimization.

- Approximately 58,000 engineering hours.
- Approximately 94,000 lines of source code.
- Six source-code repositories, with multiple projects represented across the repository set.
- Architecture, API, integration and engineering documentation supporting the software asset.
- Historical enterprise and digital-platform deployments that informed product development.

Core Technology Assets

Decisioning Engine

A proprietary real-time technology foundation developed to evaluate digital signals and determine relevant outputs rapidly. The same architectural principles can support broader decision-intelligence applications where context, rules, models and response speed matter.

Recommendation & Intelligence Layer

Technology developed for personalization and recommendation across information-rich digital environments, including the ability to process behavioural context without relying on conventional cookie-centric profiling as the sole basis for relevance.

Integration Layer

APIs, scripts and integration approaches designed to connect with websites, ecommerce environments, publishing systems and other software platforms. This integration heritage supports embedded and OEM commercialization strategies.

Operational Architecture

The system was engineered for real-time operation and high-volume recommendation delivery. Historical engineering measurements include sub-40-millisecond response at the load-balancer layer and the ability to support thousands of recommendations per second under applicable configurations.

Nature of the Intellectual Property

DCTS's IP position is based primarily on proprietary software, architecture, confidential know-how, engineering history, documentation and trade-secret material. DCTS is not presenting this resource as a patent portfolio.

- Canadian-owned source code and associated software assets.
- Proprietary architecture and implementation know-how.
- Confidential algorithms, workflows, optimization techniques and operating knowledge.
- Technical and integration documentation.
- Accumulated commercial learning from deployment and product development.

Commercialization Paths

- Direct software commercialization and SaaS relaunch.
- Embedded/OEM licensing into third-party platforms.
- Strategic partnership with integrators and technology companies.
- Application of the underlying decisioning foundation to Governance & Decision Intelligence.
- Defence and dual-use adaptation through funded, partner-led or customer-validated development.
- Strategic investment, licensing or acquisition discussions where appropriate.

Independent Recognition

YouneeqAI was recognized in the 2023 Software IP100, providing third-party recognition of the company's software intellectual-property profile. Such recognition is supplementary to, rather than a substitute for, technical and commercial diligence.

Important positioning note: References to defence, dual-use and high-assurance applications describe potential applications of DCTS's existing technology foundation. They should not be interpreted as claims of current defence deployment, certification or security clearance.