

Retrieval-Augmented Generation

Natural language queries

Transforming Patient Interaction Videos with Al

for a Canadian Healthcare Platform

Massive Untapped Data

Thousands of cloud-hosted videos

Rich patient interaction context

Zero systematic analysis

Accessibility Crisis

Unstructured data at scale

Low discoverability of insights

Hours of conversations buried

Operational Inefficiency



No practical retrieval method

Staff unable to surface relevant information

Manual video review required





What Was Being Missed



Scale Challenge

Thousands of unprocessed recordings



Discovery Gap

Key insights buried in hours of content



Time Waste

Manual video review for information retrieval



Lost Intelligence

Years of patient interactions going unused

AI-Powered Video Intelligence

Transcription Engine

Converted recordings into searchable text

Natural Language Interface

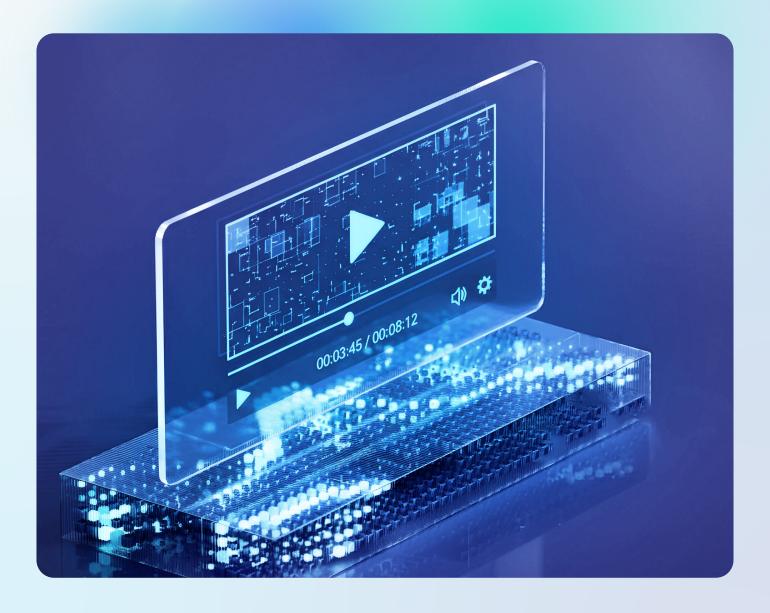
Simple chatbot for instant data queries

RAG Technology

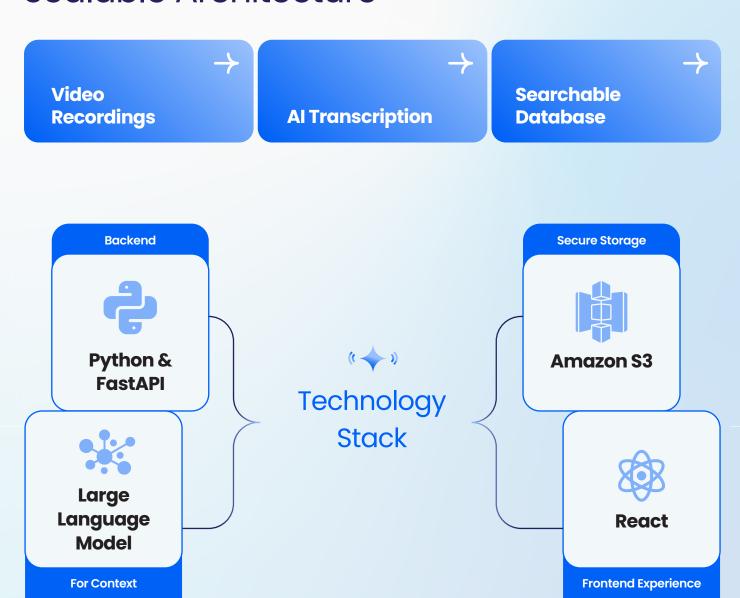
LLM-powered contextual information retrieval

Intuitive Dashboard

React-based frontend for seamless interaction



Scalable Architecture



Key Innovation



Retrieval-Augmented Generation (RAG)



Natural language queries



Instant contextual responses

The Impact



80%

Reduction in Search Time

100%

Archived Data Utilization

25-30%

Lower Operational Costs

60%

Faster Response Time

MVP Exceeded Expectations

Immediate Wins

Full stakeholder buy-in





Phases 2 & 3 approved

Scalable architecture delivered





Al readiness foundation established

Future-Ready



Modular design for team integrations

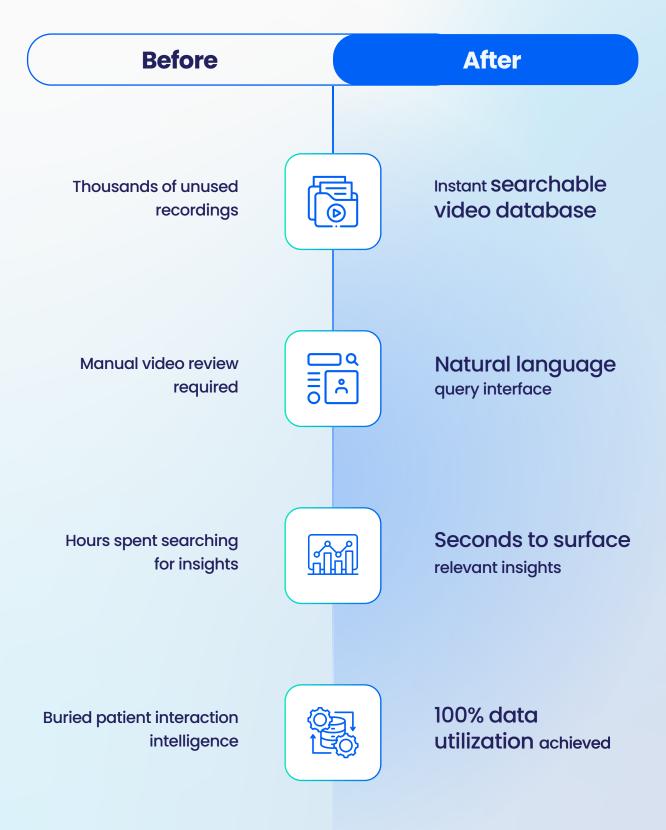


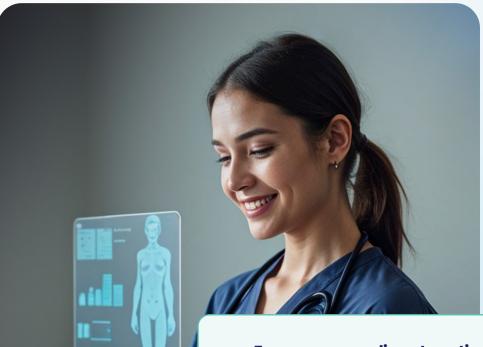
Built for enterprise scale



Foundation for broader Al adoption

Complete Data Transformation





From raw recordings to actionable insights
Unused recordings

Instant insights

From manual to automated

Video review → Al-powered search

From reactive to proactive

Lost intelligence → Strategic advantage

Result

Unlocking years of healthcare intelligence through Al-powered video analysis

