



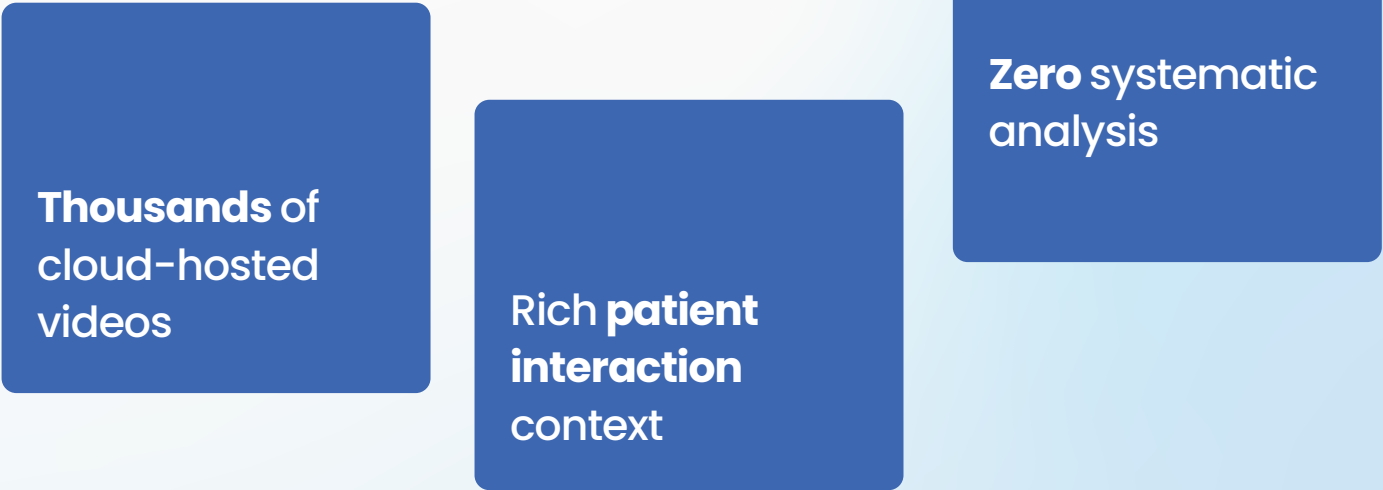
Retrieval-Augmented Generation

Natural language queries

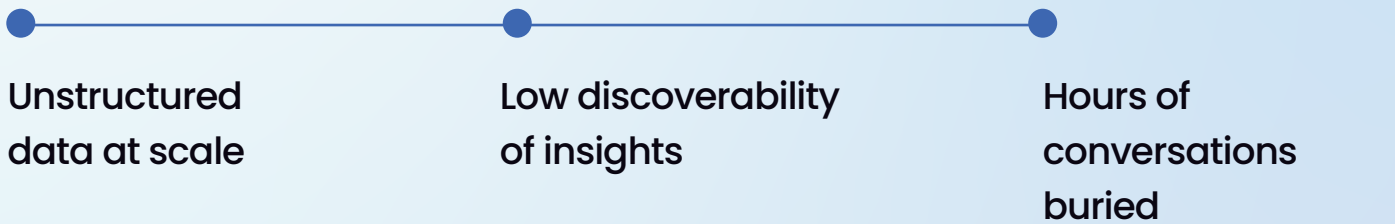
Transforming Patient Interaction Videos with AI

for a Canadian Healthcare Platform

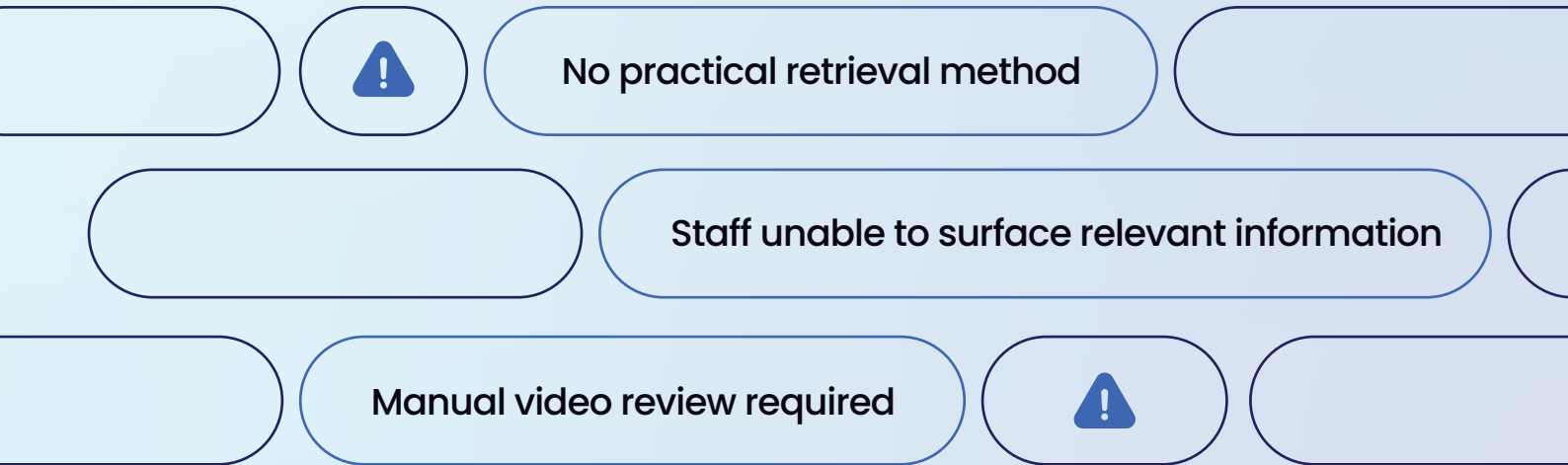
Massive Untapped Data



Accessibility Crisis



Operational Inefficiency





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

RAG Technology

LLM-powered contextual information retrieval

Natural Language Interface

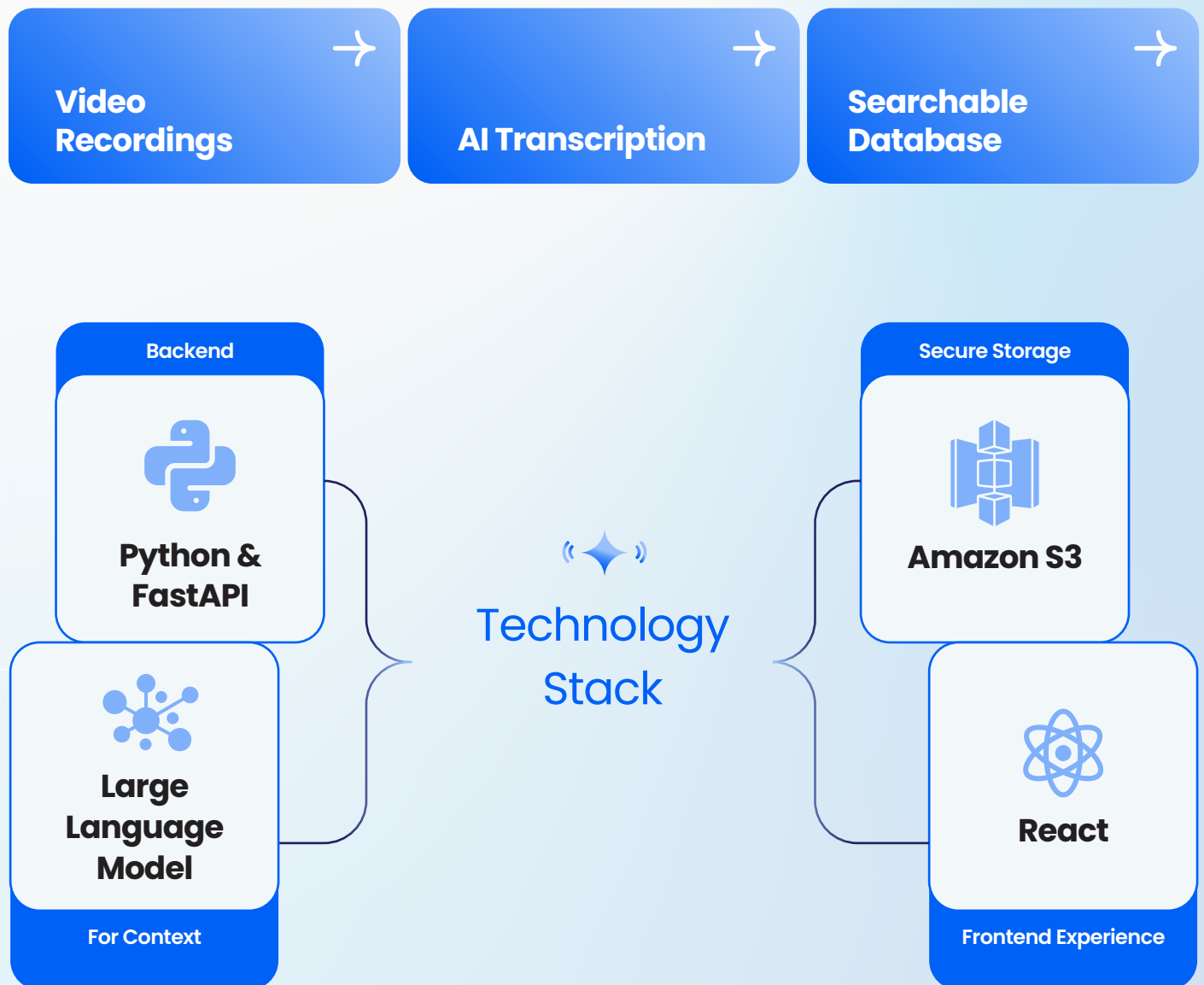
Simple chatbot for instant data queries

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%

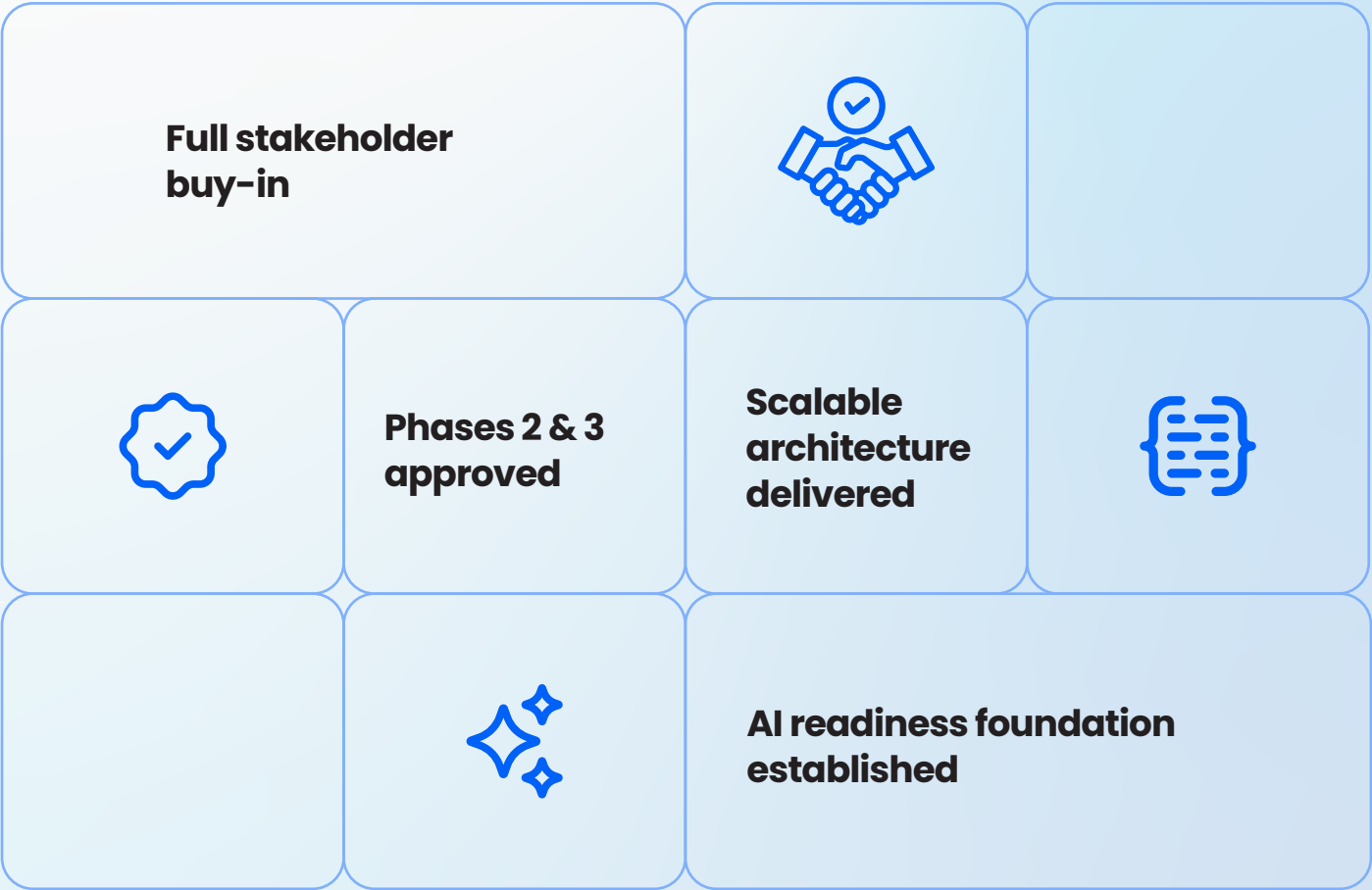
Lower Operational Costs

60%

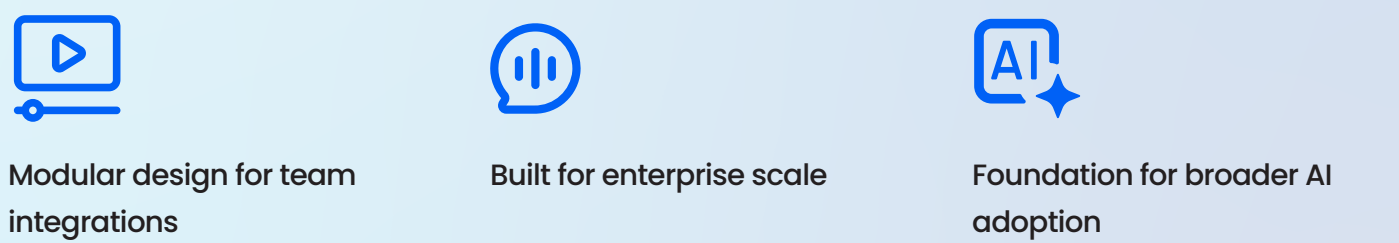
Faster Response Time

MVP Exceeded Expectations

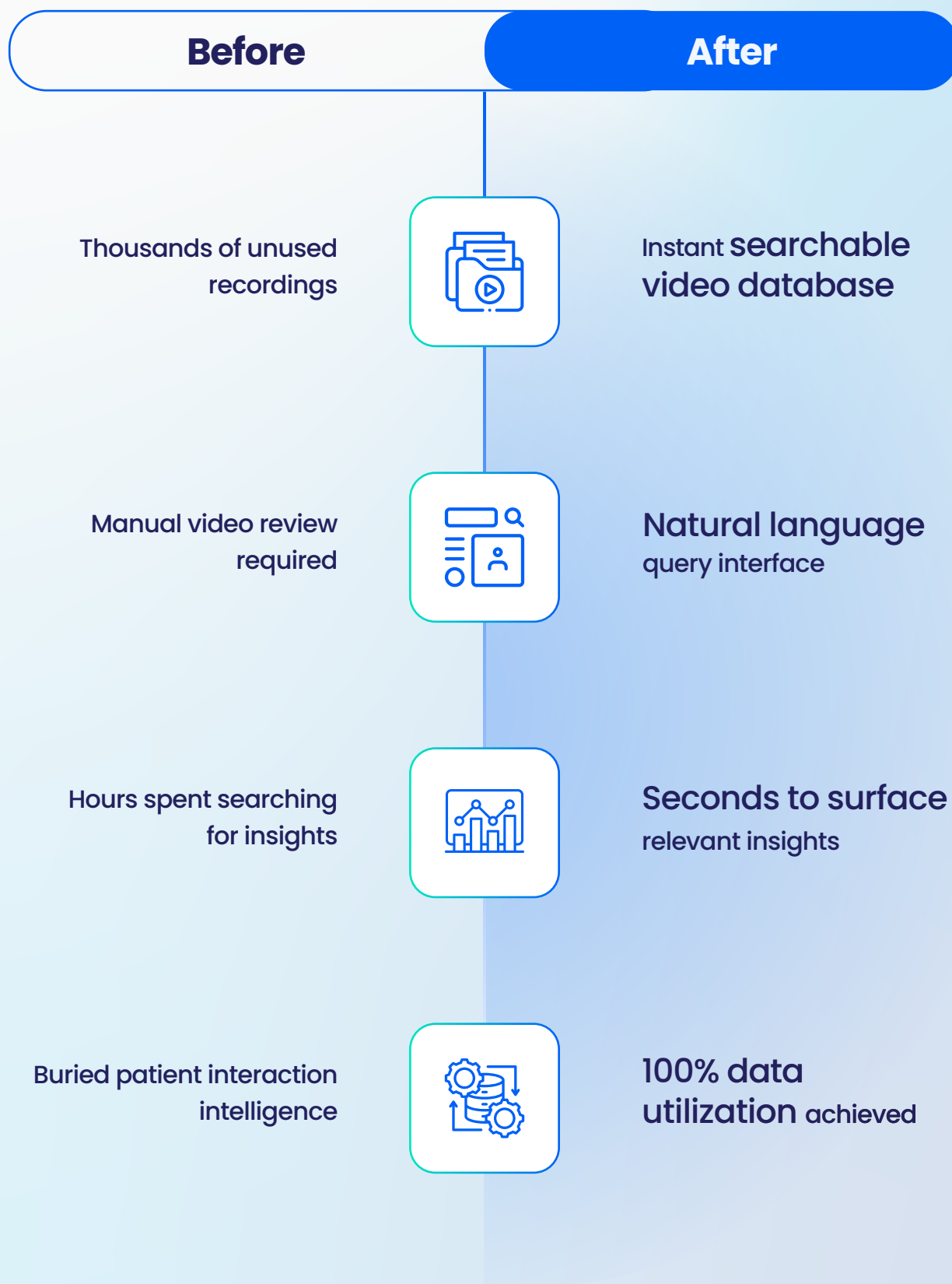
Immediate Wins

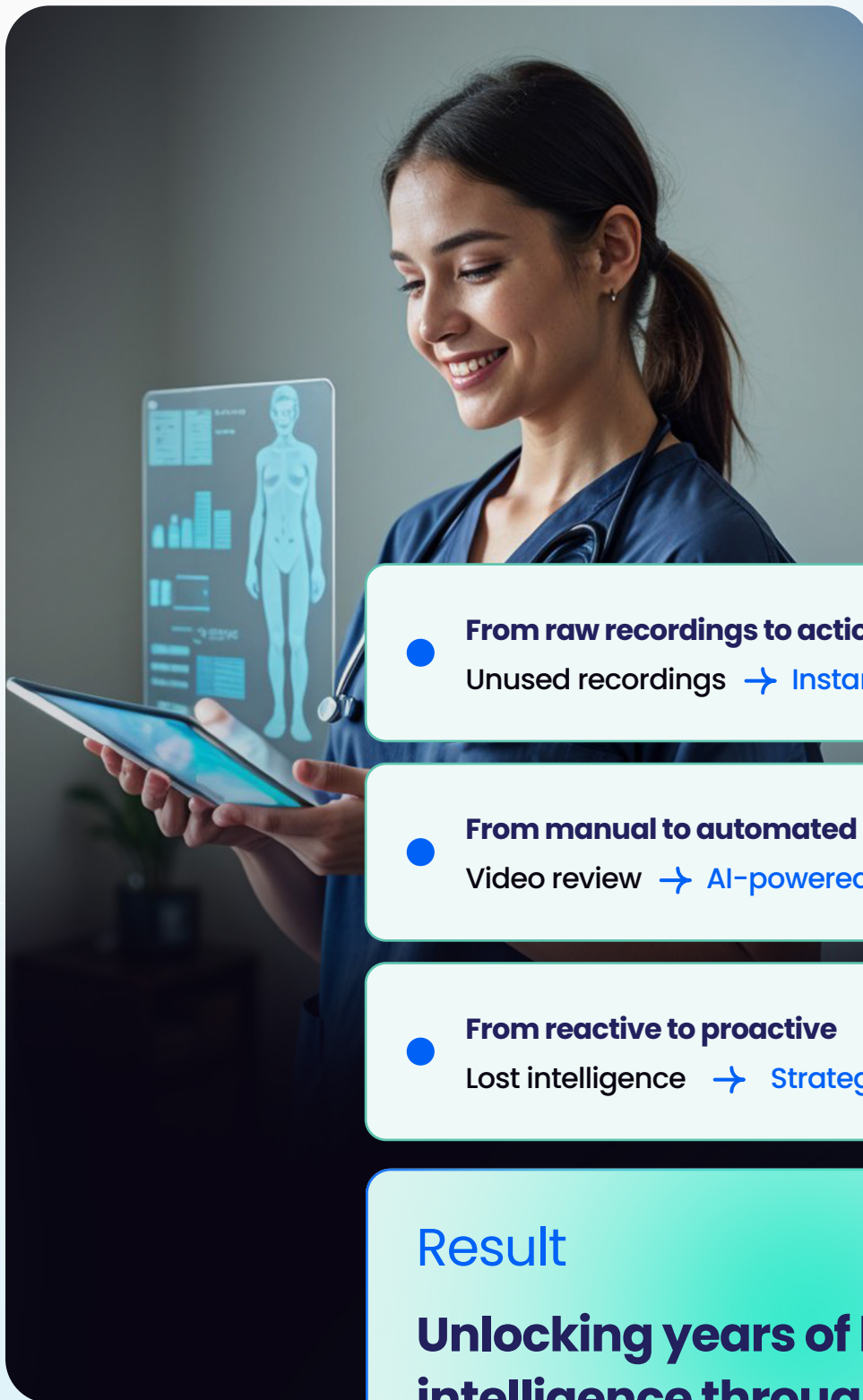


Future-Ready



Complete Data Transformation





- **From raw recordings to actionable insights**
Unused recordings → Instant insights

- **From manual to automated**
Video review → AI-powered search

- **From reactive to proactive**
Lost intelligence → Strategic advantage

Result

Unlocking years of healthcare intelligence through AI-powered video analysis