

HEALTHCARE TECHNOLOGY · REVENUE CYCLE

# Stopping Revenue Leakage With AI-Driven Medical Coding

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Medical Coding · Compliance · AWS Bedrock · Non-Technical Workflow Automation

## Coding Errors Cost Real Money. Every Day.

### THE CHALLENGE

Our client processes thousands of medical records. One wrong code means a denied claim. Enough denied claims means audit exposure. Enough audit exposure means someone's job is on the line.

The existing process was manual, inconsistent, and impossible to scale. They needed AI in the coding workflow without requiring a technical team to run it.

### THE PROBLEM

- Accuracy risk from high volume and documentation variability
- Workflow disconnect between technical and non-technical teams
- No defensible documentation trail to justify coding decisions
- Impossible to adapt workflows without developer involvement

## An AI Coding Platform Any Non-developer Can Run.

### AI Coding Engine

AWS Bedrock LLMs guided by curated instruction libraries and reference matrices deliver consistent, defensible coding decisions at volume.

### Medical Record Pre-Processing

OCR, deduplication, and token optimization transform raw records into AI-ready inputs. Relevant clinical context stays intact.

### Configurable Workflow Builder

Non-technical users build and manage complex AI-supported data curation workflows — no code required, no dev dependency.

### Risk Detection Engine

Proactively flags coding risks tied to compliance gaps, revenue leakage, and audit exposure before they become denied claims.

### Governed Prompt Management

Centralized control over AI instructions ensures consistent outputs. Content updates roll out without a full platform redeployment.

### Audit-Ready Documentation

Every coding decision is traceable. The platform generates the documentation trail auditors expect and compliance teams require.

## Blended Intelligence for Revenue Cycle.

### 1 Data Intelligence

Trusted, clean data is the foundation. Pre-processing ensures the AI works with the right inputs every time.

### 2 AI Intelligence

AWS Bedrock LLMs deliver consistent coding decisions guided by curated reference content and governed prompts.

### 3 Human Intelligence

Non-technical users stay in control. The platform makes them more capable — not more dependent on developers.

### 4 Security Intelligence

Encrypted storage, RBAC, MFA, and audit logging built into AWS architecture from day one.

## What the Business Looks Like Now.

### Audit-Ready at All Times

Traceable documentation on every coding decision. Auditors get what they need — no scrambling.

### Non-Technical Teams Own the Workflow

Operational users build and manage complex AI workflows themselves. Dev team is no longer the bottleneck.

### Greater Operational Visibility

Dashboards, reporting, and pipeline monitoring give leaders a live view of what's working.

### Consistent Coding Across the Board

Payer-aligned logic and structured reference content eliminate the variation that creates downstream risk.

### Stronger Reimbursement Defensibility

Clearer coding rationale and documentation support better outcomes and reduce exposure on contested claims.

### Continuous Improvement Built In

Review feedback and quality insights feed back into the platform. It gets better as the team uses it.

READY TO TRANSFORM YOUR BUSINESS?

# You have a hard problem? That's our specialty.

Contact us today. We'll guide you carefully through transformation.