

# Healthcare Waste, Fraud, and Abuse Prevention



## Safeguard Healthcare Systems with Artificial Intelligence

Legacy systems can't effectively safeguards against healthcare waste, fraud, and abuse.

Healthcare organizations face mounting losses from inefficient operations, fraudulent claims, and disconnected systems. Traditional prevention methods lack the speed and intelligence to identify emerging threats, leading to wasted resources and compliance risk.

With up to 25% of total healthcare spending lost to waste, fraud, and abuse, the cost of inaction continues to climb.

Build an adaptive AI-powered defense that strengthens prevention and restores efficiency.

Our AI-powered solution unifies fragmented fraud prevention systems integrating Amazon Bedrock, AWS HealthLake, and Comprehend Medical to detect anomalies and emerging risks. Customers see measurable ROI and up to 70% task automation.

## Where We Can Help



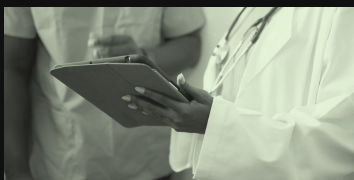
### Resource Utilization Analysis

Uncover inefficiencies in resource use, eliminate unnecessary procedures, and optimize departmental operational spending.



### Claims & Billing Validation

Detect billing anomalies, validate treatment accuracy, and flag potential upcoding or prescription abuse patterns.



### Process Waste Reduction

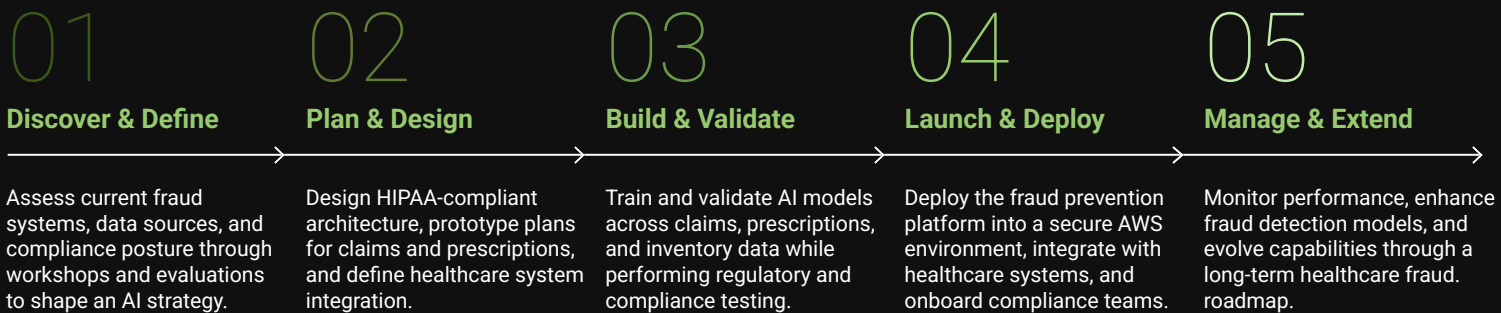
Reduce redundant workflows and excessive admin costs with AI-driven automation and process optimization.



### Inventory Management

Automate inventory tracking with Vision AI to detect waste, improve accuracy, and streamline procurement.

## Our Approach





## Deliverables

|                        |                                                                                                                                                      |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assessment             | Evaluation of your current waste, fraud, and abuse prevention capabilities, identifying critical gaps and prioritizing enhancements                  |
| Implementation Roadmap | Plan for deploying AI-powered prevention systems across your healthcare operations, including timeline, resource requirements, and expected outcomes |
| Proof of Value         | Targeted implementation demonstrating core prevention & detection capabilities using your actual operational data                                    |

## By the Numbers

\$200B+

Savings Potential

With AI automation, organizations can see a 5-10% reduction in total healthcare spending—representing \$200-360 billion in annual savings potential—with payers achieving 7-9% cost reductions and hospitals seeing 4-11% savings.

70%

Time Reduction

Healthcare practitioners can benefit from up to 70% time reduction in routine administrative tasks, eliminating unnecessary friction while maintaining consistency and privacy of their patients.

## Customer Story

AI & MLOps

Amazon Bedrock

Healthcare & Life Sciences

[Read Full Case Study](#) →



### Challenge

Z5 Inventory helps healthcare organizations modernize supply chain operations, but their manual video-to-inventory transcription process was slow, error-prone, and expensive, which limited their ability to scale services to new verticals.

### Solution

Caylent implemented an AI-powered transcription and data structuring pipeline using AWS services, enabling Z5 to convert video into structured inventory data in minutes with high accuracy and seamless integration into their platform.

Improving processing efficiency by more than 5X and accelerating video to inventory data conversion from days to mere minutes.

Let's Get Started

No matter where you are on your journey, Caylent can help you quickly achieve your AI goals, from reinventing customer experiences and creating innovative new applications to massively improving productivity.

Whether you are looking to define a use case, create a roadmap, build a prototype, or implement a production ready solution, Caylent has a suite of offers tailored specifically to accelerate your goals.

Scan the QR code or [click here to talk with our specialists](#)

