

InventStory's AI Reduces Inventory Errors by 58% in Healthcare Facilities

Revolutionizing inventory management in healthcare facilities with AI technology.



The Challenge

- 1 Time-Consuming
Staff spend 40 hours weekly on manual inventory tasks.
- 2 Error-Prone
Only 63% accuracy rate in conventional inventory management.
- 3 Costly
15% higher operational costs compared to automated systems.



The Solution: InventStory

Automated Capture

High-resolution cameras capture images of medicine boxes.

AI Analysis

Computer vision and OCR extract and verify data.

Real-Time Updates

Synchronizes with databases for immediate inventory updates.



Technical Implementation

1

Image Processing

Line detection, contour detection, and OCR processing.

2

Machine Learning

Verification and continuous improvement of accuracy.

3

Data Management

Real-time updates and automated data validation.



Results and Impact

Metric	Before	After	Improvement
Weekly Time	40hrs	2hrs	95% reduction
Accuracy	63%	99.7%	58% increase
Expired Medicine	5%	0.1%	98% reduction

Implementation Process

- 1** System Setup
Install hardware and integrate with existing systems.
- 2** Staff Training
Comprehensive training sessions and ongoing support.
- 3** Monitoring
Regular assessments and AI model updates.



Conclusion

Redefining Management
Scalable, high-precision
solution for healthcare
inventory.

Proven Results
Time savings, cost reduction,
improved patient safety.

Future-Ready
Continuous innovation for modernizing healthcare inventory
management.

