

APOC

Advanced Product Operations Computer

AI-Powered Garment Analysis for Modern Resale

Tags Technologies LLC

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The Problem

■■ Time-Consuming Processing

Manual garment identification takes 3-5 minutes per item

■ Inconsistent Pricing

Staff expertise varies, leading to missed value or overpricing

■ High Labor Costs

Skilled sorters are expensive and hard to retain

■ Brand Misidentification

Valuable designer pieces often go unrecognized

■ No Data Insights

Stores lack analytics on inventory trends and performance

The Solution: APOC

APOC (Advanced Product Operations Computer) is an AI-powered garment analysis system that automates identification, pricing, and cataloging.

■■ Smart Tag Reading

OCR extracts brand, size, materials, and care instructions

■■ Visual Recognition

AI identifies garment type, style, color, and condition

■ Dynamic Pricing

Real-time market data from eBay ensures optimal pricing

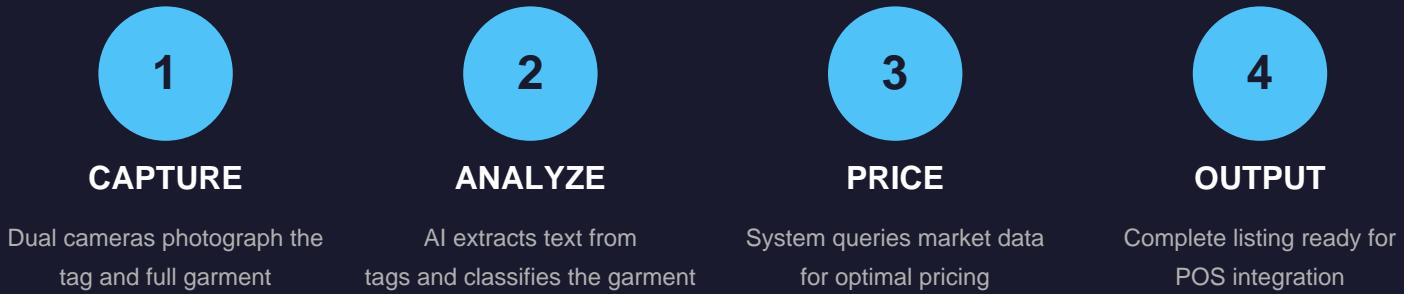
■ Simple Interface

Tablet-based workflow requires minimal training

■ 85%+ Accuracy

Continuous learning improves with every correction

How It Works



Technology Stack

- Dual Camera System (ArduCam + Intel RealSense)
- AI Models: Google Gemini 2.0 Flash + OpenAI Vision
- Automated Elgato Lighting Control
- Real-time eBay Market Integration
- Cloud-based Learning System

Market Opportunity

\$53B

US Resale Market Size

25,000+

Consignment Stores

16%

Annual Growth Rate

\$188B

Projected 2028 Value

Target Segments:

Consignment Stores • Thrift Retailers • Vintage Shops • Online Resellers

Business Model

SaaS subscription model with tiered pricing based on volume:

Starter \$199/mo Up to 500 items 1 station	Professional \$499/mo Up to 2,000 items 3 stations	Enterprise \$1,299/mo Unlimited items Unlimited stations
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■ Customer ROI: Up to \$937/month in labor savings

Traction & Roadmap

Current Status

- ✓ Working prototype with 85%+ accuracy
- ✓ Dual-camera hardware system operational
- ✓ AI pipeline with Gemini + OpenAI integration
- ✓ eBay market pricing integration complete
- ✓ Preparing for pilot programs

Roadmap

Q1 2025	Launch pilot programs with 3-5 consignment stores
Q2 2025	Refine based on feedback, expand to 20 stores
Q3 2025	POS integrations (Shopify, Square, Lightspeed)
Q4 2025	Scale to 100+ stores, launch vintage authentication

The Team

Robert

Founder & CEO

- 6+ years operating 'Ghosts of New York' vintage clothing business (2017-2023)
- Deep expertise in garment identification, authentication, and pricing
- Hands-on experience with resale market dynamics and pain points
- Technical background in computer vision and ML systems
- Direct understanding of what consignment stores need to succeed

"Built by someone who's lived the problem."

The Ask

We're seeking strategic partners and early investors to:

■ Seed Funding

For hardware deployment and team expansion

■ Pilot Partners

Consignment stores ready to modernize operations

■ Strategic Advisors

Retail tech and resale industry expertise

Use of Funds:

Hardware Manufacturing • Engineering Hires • Sales & Marketing • Pilot Operations

Thank You

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