

# APOC

Advanced Product Operations Computer

AI-Powered Garment Analysis for Modern Resale

Tags Technologies LLC  
[robert@tagstech.app](mailto:robert@tagstech.app)  
[www.tagstech.app](http://www.tagstech.app)

# 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**

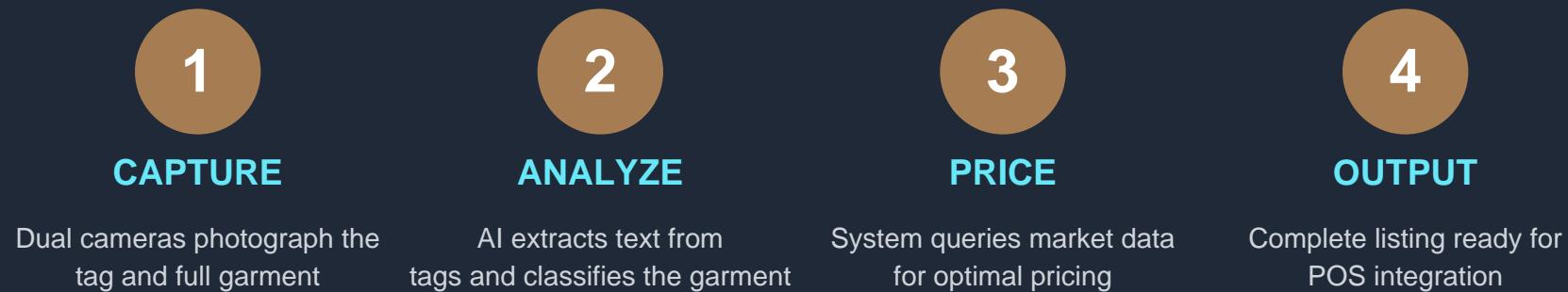
Stores lack analytics on inventory trends and performance

# 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

■ **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

<b>Q1 2026</b>	Launch pilot programs with 3-5 consignment stores
<b>Q2 2026</b>	Refine based on feedback, expand to 20 stores
<b>Q3 2026</b>	POS integrations (Shopify, Square, Lightspeed)
<b>Q4 2026</b>	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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*Transforming resale, one garment at a time.*