

SOFTWARE PLATFORM

Apexera Vision

Catch defects. Stop losses. No code required.

Apexera Vision is a visual automation platform that enables you to build, deploy, and manage AI-powered vision workflows with minimal coding, connecting cameras, AI models and industrial systems in one unified environment.

80%

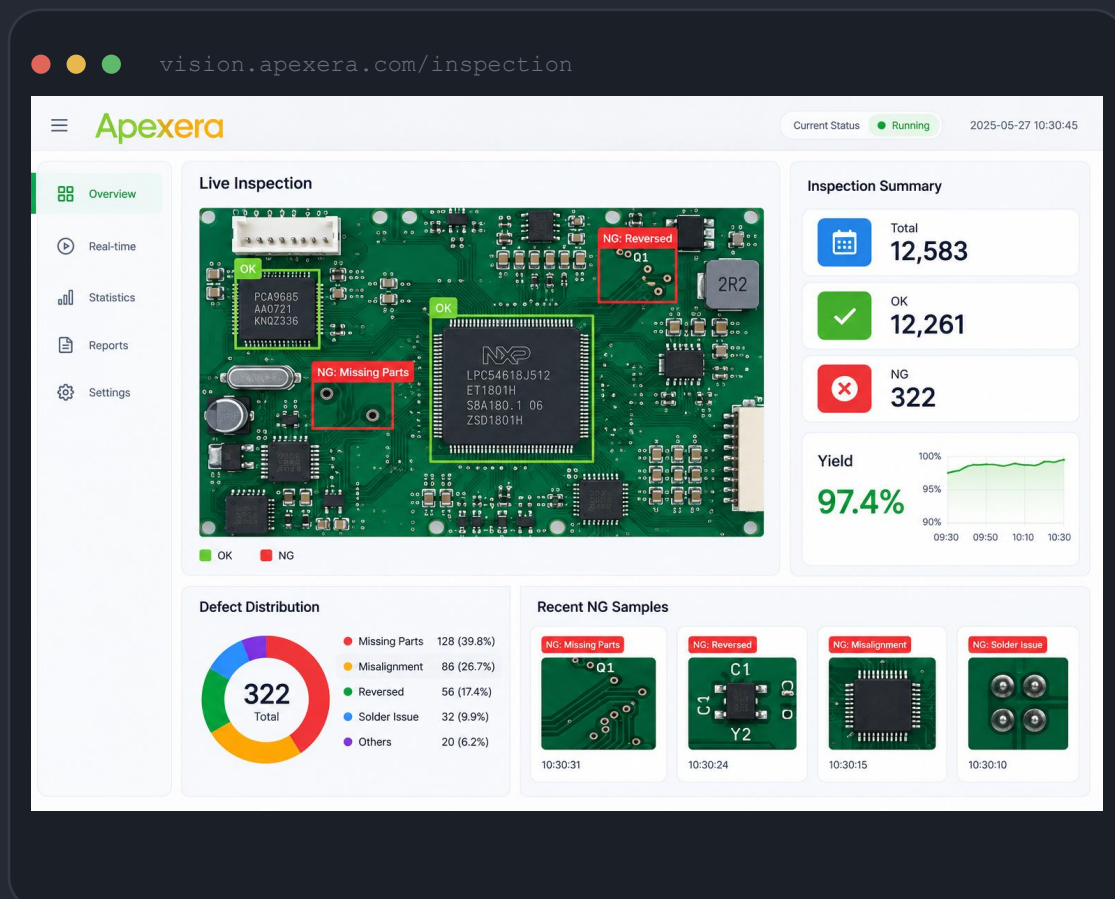
Less Manual
Review

60%

Faster
Deployment

24/7

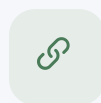
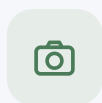
Continuous AI
Monitoring



THE CHALLENGE

Visual demands are growing. Traditional approaches can't keep up.

- **Growing visual demands.** Organizations need to understand more visual data, detect more complex events and respond faster—across manufacturing, retail, logistics, security and beyond with more cameras and use cases.
- **Human inspection doesn't scale.** Results vary by operator and shift, while labor costs, fatigue, turnover, and limited coverage make consistent inspection difficult to maintain.
- **Vision automation is still hard to deploy.** Traditional machine vision requires specialized configuration, while deep-learning solutions often require data preparation, AI expertise, integration, and ongoing tuning.



Cameras → AI Models → Workflow Logic → Automated Action

One Platform. Complete Vision Automation.

Apexera Vision brings cameras, AI models, workflow logic, and automation into one unified platform — making it easier to build, deploy, and manage AI-powered vision applications with minimal coding.

KEY CAPABILITIES · 01–02

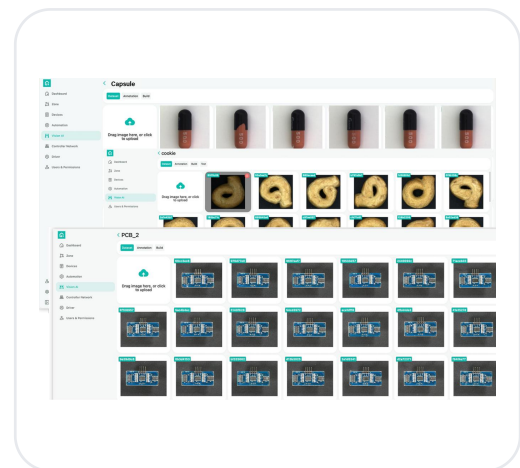
Start fast. Stay flexible.

Two capabilities designed to lower major barriers to vision AI deployment—data requirements and costly reconfiguration.

01 Few-Shot Learning

Adapt AI to new visual tasks with just a small set of samples—without building a massive labeled dataset from scratch. Fine-tune a production-ready model on the line.

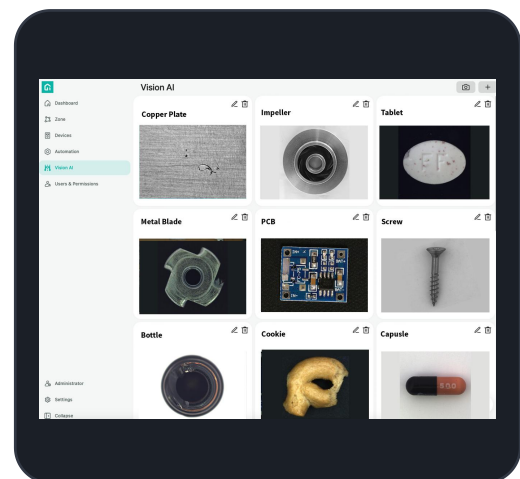
→ **Live within hours, not weeks.**



02 Multi-SKU Changeover

Keep trained objects and models organized in a reusable library. Switch to a new SKU or visual task without rebuilding the application from scratch.

→ **Changeover within hours.**



KEY CAPABILITIES · 03–04

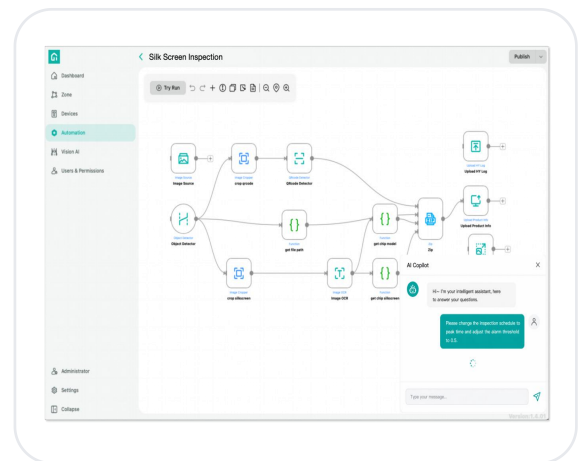
Configure by talking. Automate by dragging.

Build and modify vision automation without turning every change into an engineering project.

03 Text-to-Automation (powered by AI Copilot)

Describe what you want to automate in plain language. AI Copilot helps configure workflows, rules and actions—turning intent into working vision automation.

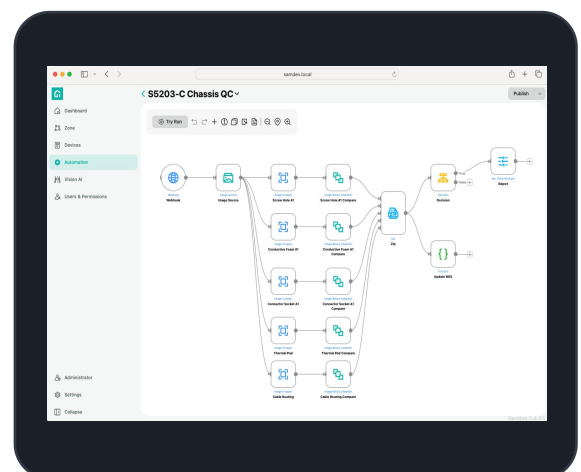
→ **Configure by conversation.**



04 Drag-and-Drop Workflow Builder

Connect cameras, AI models, decision logic, and outputs in a visual workflow. Build and modify complete automations without coding.

→ **Build visually. Change anytime.**

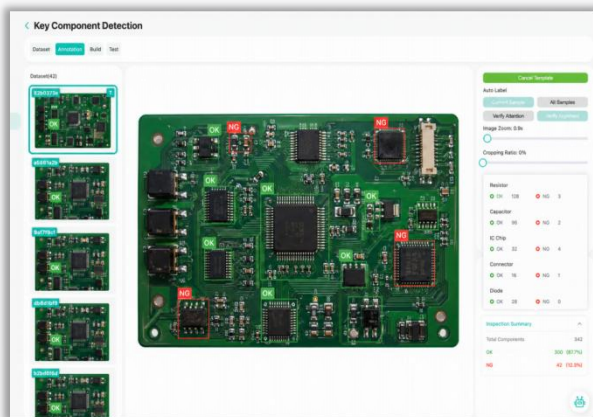


WHERE IT FITS

One Platform. Many Vision Applications.

From production floors to stores, warehouses, and physical spaces, Apexera Vision turns visual data into automated decisions and actions—without rebuilding your technology stack for every new use case.

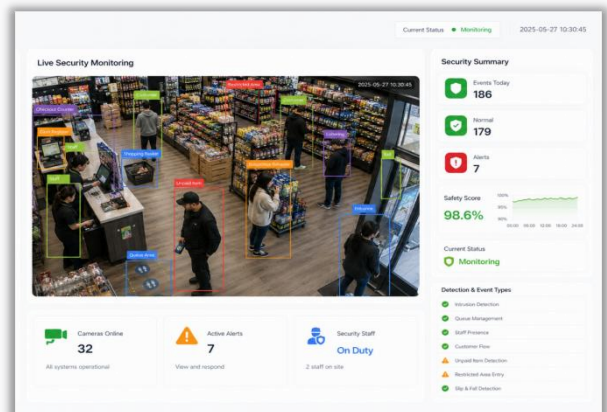
Industrial Quality Inspection



PCB | Battery | Automotive | Electronics

- Detect soldering, component placement, surface and assembly defects
- Adapt inspection workflows across SKUs and product variants
- Automate pass/fail decisions, alerts, and downstream actions

Security & Loss Prevention



Retail | Warehouse | Commercial Properties

- Detect intrusion, loitering, and defined loss-related events
- Monitor multiple camera streams continuously
- Turn detected events into alerts and automated workflows

WHY APEXERA VISION

One Platform. Less Complexity. More Impact.

A simpler path from visual AI to real-world automation.

	TRADITIONAL MACHINE VISION	DEEP LEARNING	APEXERA VISION
Setup	Rule-based configuration	Dataset + model development	Few-shot visual setup
Deployment Time	Weeks	Months	Days
Changeover	Manual reconfiguration	Retrain from scratch	within hours, reuse library
Expertise Needed	Vision engineer	Data science team	None — Minimal coding
Ongoing Management	Constant manual tuning	Model & application maintenance	AI-assisted management

PROVEN RESULTS

6–9mo

ROI Payback

+15%

Yield Gain

<1%

Miss Rate

2–4h

Deploy Time



Faster Time to Value

Move from visual data to a working AI workflow faster—with fewer samples, visual configuration, and integrated automation tools.



Lower Operational Overhead

Reduce the ongoing effort required to adapt, manage, and operate vision applications as products, workflows, and environments change.

RELIABILITY AT SCALE

Built to Scale

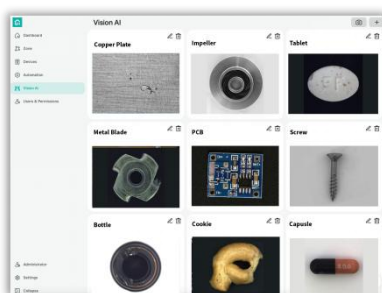
- **Repeatable Deployment.** Reuse proven workflows across devices, applications and locations.
- **Centralized Fleet Management.** Monitor and manage deployed vision systems from one console.
- **Fleet-Wide Updates.** Keep deployed systems up to date with remote updates and rollback support.

**Start small. Prove it. Scale.**

Deploy your first workflow on a single device or site. Validate it in the real world, then expand across cameras, applications, and locations.

Built for the Edge

Deploy Apexera Vision on flexible edge computing platforms or pair it with Apexera edge AI hardware for integrated camera connectivity and AI acceleration.



ARM & x86
Centralized Management
Remote Updates
Secure Communication



4x PoE+
GigE Vision
Dual-NPU AI Acceleration
PCIe x4 CAN Bus • RS-485

Ready to deploy AI vision?

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