FixVision AI

AI-POWERED REPAIR

Repair Smarter with Agentic Vision

Devices break. Generic guides fail.
E-waste piles up.

🚩 *The Opportunity Gap: 50% of self-repair failures stem from inaccurate or generic guidance.*

AI that Sees, Searches, and Guides

Multimodal Vision

AI identifies device & fault from a single photo.

Google Search Grounding

Real-time web search for exact parts & manuals.

Visual Annotations

Precise bounding boxes show exactly where to fix.

THE FIXVISION EDGE

Agentic Vision vs. Generic AI

❌ Hallucinations   ✅ Search Grounded   ✅ Visual Coordinates
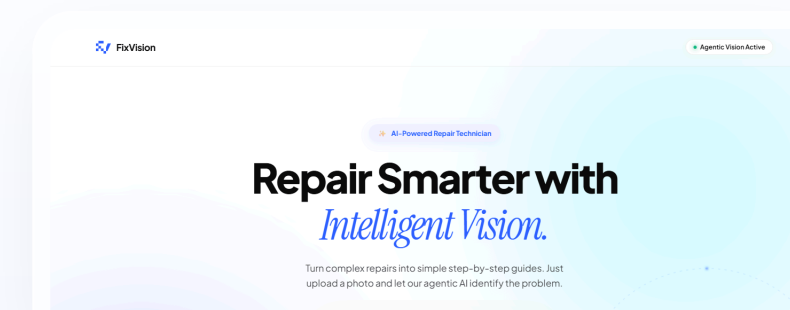
Workflow: Steps 1–2

1. Intelligent Upload

Snap a photo. Gemini 2.0 Flash identifies device model and damage type.

2. Deep Reasoning

Agentic loop: Think → Search → Act → Observe for accuracy.

FixVision · Agentic Vision Active

AI-Powered Repair Technician

Repair Smarter with
Intelligent Vision.

Turn complex repairs into simple step-by-step guides. Just upload a photo and let our agentic AI identify the problem.
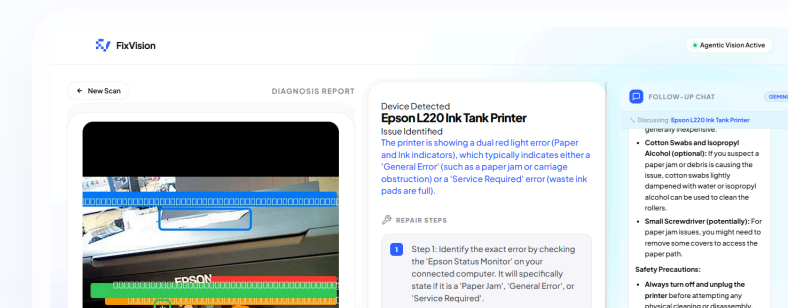
Workflow: Steps 3–4

3. Search Grounding

Google Search fetches verified repair manuals and part availability.
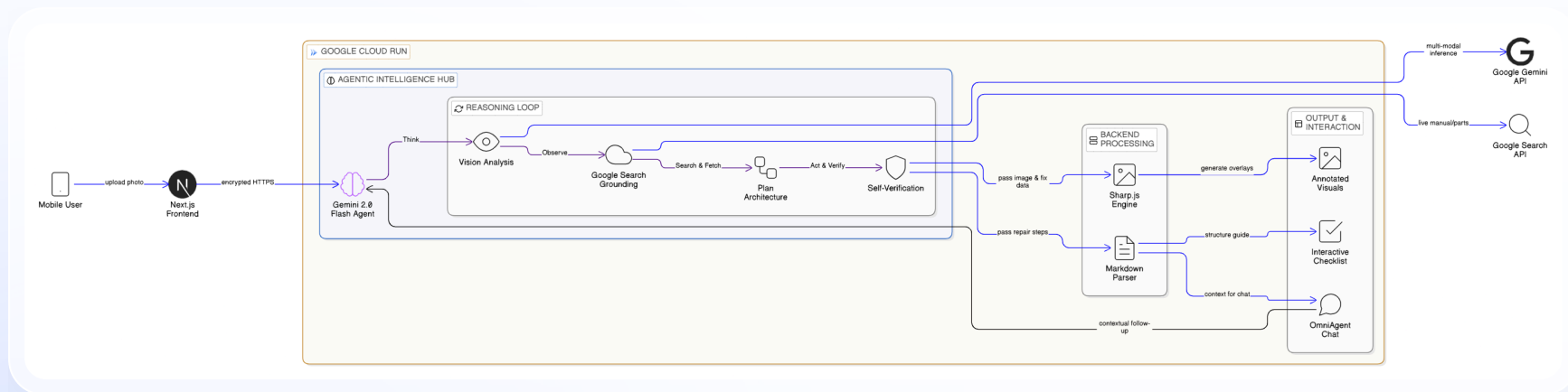
4. Visual Output

Sharp.js renders precise bounding boxes on your photo.

Agentic Architecture

Comprehensive Reasoning Loop: Think → Search → Act → Observe

Privacy-First: Stateless processing. No user images are stored.

Tech Stack

Type-Safe Interface

Next.js 15 + React 19 for a high-performance, responsive web experience.

Gemini   Google Search

Visionary Agency

Gemini 2.0 Agentic loop with Google Search Grounding for accuracy.

High-Speed Processing

Bun runtime & Sharp.js for sub-second image processing and annotation.

Google Cloud   Cloud Run

Global Infrastructure

Hosted on Google Cloud Run for auto-scaling, low latency, and reliability.

Strategic Value

TARGETING THE $500B GLOBAL CONSUMER ELECTRONICS REPAIR MARKET

High-Precision Diagnosis

Reduces user error by identifying specific component failures visually.

Circular Economy

Directly contributes to sustainability by extending device lifespans.

Verified Reliability

Builds trust with official grounding from verified repair manuals.

User Empowerment

Lowering the technical barrier to entry for complex device repairs.
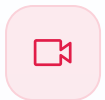
Try FixVision AI Live

FixVision AI

fixvision-ai-233122189624.asia-southeast1.run.app

Scan QR & upload a photo of a broken device (e.g., cracked screen) to see Agentic Reasoning in action.

The Road Ahead

Video Diagnosis

Q2 2025

Live repair stream analysis for dynamic issues.

AR Guidance

Q3 2025

Hands-free overlays via smart glasses.

Parts Marketplace

Q4 2025

Direct links to purchase faulty parts.

Enterprise SDK

2026+

White-label API for manufacturers.

Repair Smarter.