TEAM APOLLO

POLICYPATH

FASTER DECISIONS. BETTER CARE.

The Crisis: A Lethal Administrative Failure

⚠️ Prior Authorization (PA) isn't just paperwork. 92% of oncologists report it **delays critical treatment**, and 7% say these delays have **contributed to patient death**.

The Crisis: A Lethal Administrative Failure

The Root Cause: Provider EHRs and insurer portals do not communicate, forcing clinicians into a **labor-intensive process** of faxes and phone calls.

The Crisis: A Lethal Administrative Failure

73% of initial denials are overturned on appeal, proving that the problem is a data flow failure, **not a lack of medical necessity**.

Our Solution: Policy Path

Intelligent Ingestion: Uses Opus OCR & Data Import to normalize disparate inputs (PDFs, EHR APIs).

Deterministic & Probabilistic Logic: Combines Opus Decision Nodes (hard rules) with Agent Nodes (clinical reasoning)

Auditable Orchestration: A fully transparent loop using Opus Review Nodes and JSON artifact generation.

How It Works

Ingest & Understand

PolicyPath ingests the entire case file, EHR data, unstructured physician notes, labs, and genomic reports. Our Clinical NLP extracts the key medical rationale (e.g., '**Stage III melanoma**,' PD-L1 > 50 %).

Decide

Our AI agent instantly cross-references this evidence against a dynamic **AI Powered** knowledge base of payer policies to make an instant, evidence-based decision.
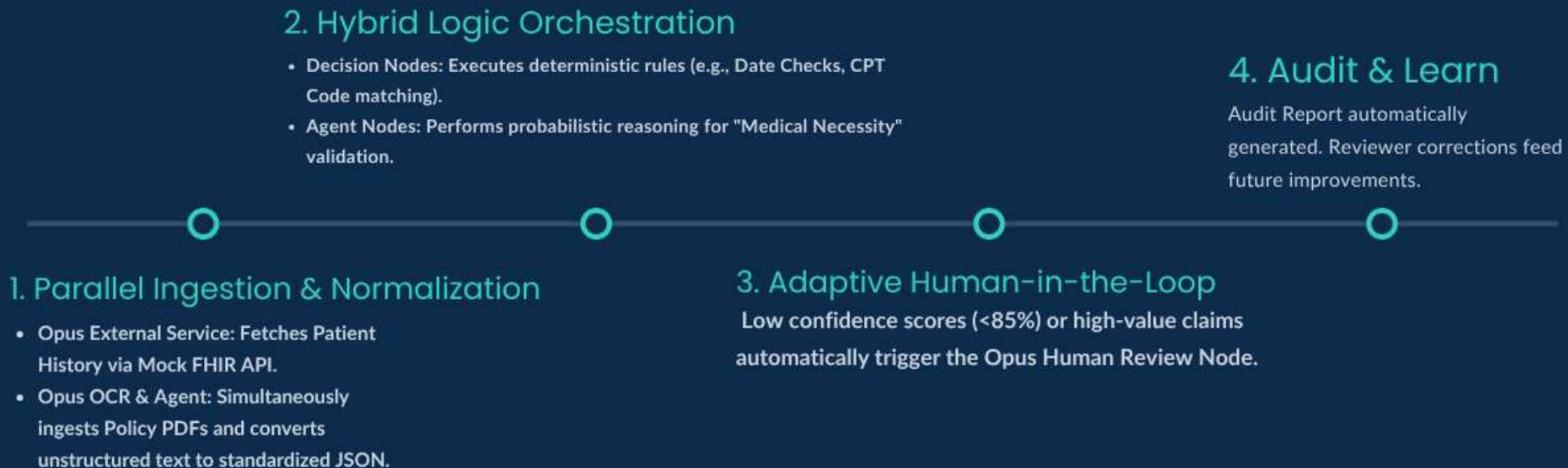
Review (Human-in-the-Loop)

Ambiguous cases are automatically flagged for a human reviewer. This ensures **100% safety** and creates a feedback loop to make our AI smarter with every case. Opus Human Review Node for low-confidence edge cases.

Workflow Architecture

2. Hybrid Logic Orchestration

- Decision Nodes: Executes deterministic rules (e.g., Date Checks, CPT Code matching).
- Agent Nodes: Performs probabilistic reasoning for "Medical Necessity" validation.

4. Audit & Learn

Audit Report automatically generated. Reviewer corrections feed future improvements.

1. Parallel Ingestion & Normalization

- Opus External Service: Fetches Patient History via Mock FHIR API.
- Opus OCR & Agent: Simultaneously ingests Policy PDFs and converts unstructured text to standardized JSON.

3. Adaptive Human-in-the-Loop

Low confidence scores (<85%) or high-value claims automatically trigger the Opus Human Review Node.

What Makes Us Unique?

The Audit Artifact

Every decision generates a human-readable Audit Report. This provides 100% transparency, showing the exact policy rule applied and the specific patient data that satisfied it. This destroys the "black box."

Observability & External Logging

When a human makes a correction, the system logs it. This log becomes a fine-tuning dataset, making the AI smarter and safer with every case.

Our Impact

Impactful

Reduces PA decisions from **weeks to < 1 minute**, accelerating patient therapy and eliminating the **#1 clinician administrative burden**.

Feasibility, Viability

Feasible

API-first, auditableworkflow (NLP + RAG). **Human-in-the-Loop** design ensures safety and provides closed-loop AI training.

Viable

Clear **B2B SaaS model** targeting a high-need oncology market that is **already hiring staff** to solve this.

Business Model Canvas

🖧 Business Model (B2B SaaS)

- **Tier 1(Transaction):**A per-transaction fee for each "touchless" authorization ($ 5 / PA).

- **Tier 2 (Enterprise):** An annual license for hospital systems, including the Human-in-the-Loop dashboard and AI fine-tuning.

Business Model Canvas

Beachhead Market

Oncology Practices &Hospital Cancer Centers. They face the highest PA burden, and the cost of delays is measured in **human lives**.

Scalability & Vision

- **Global Market Applicability:** PA delays are a universal healthcare issue.

- **Foundational Infrastructure:** PolicyPath is the **auditable, transparent infrastructure** for the future of healthcare management.

- **Scalable Platform:** Our platform is built to scale, expanding from oncology to other high-complexity fields like **cardiology and radiology**.
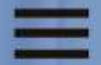
POLICYPATH

The Auditable AI Orchestrator for Oncology Care

OPEN DASHBOARD

POLICYPATH

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