**RAG's Job:** "Here are some relevant documents, LLM. Use them to answer."  
**VeriFactAI's Job:** "LLM, I'm going to fact-check your answer before anyone sees it."

| Step | RAG (Before LLM) | VeriFactAI (After LLM) |
| --- | --- | --- |
| **1** | Retrieves documents | **Extracts claims** from LLM output |
| **2** | Feeds docs to LLM | **Verifies each claim** against sources |
| **3** | LLM generates answer | **Corrects errors** found in verification |
| **4** | Returns answer | **Updates knowledge** for next time |

**"RAG helps the LLM generate better answers by giving it source material. Our verification layers act as a quality assurance checkpoint AFTER the LLM generates its answer."**

**"Think of it like this:**

* **RAG** is the research assistant who gathers books for the writer
* **Our verification layers** are the editor who fact-checks the finished article before publication

**We're not replacing RAG—we're adding the essential final step that ensures what gets published is actually true."**

This layered approach is why your system is patentable. Each layer solves a distinct problem in the journey from "LLM output" to "verified, accurate information."

**What This Dashboard Shows:**

1. **Real-time Patent Flow:** Visualizes each patented component working
2. **Live Verification:** Shows the step-by-step process with progress bars
3. **Before/After Comparison:** Demonstrates the correction power
4. **Self-Healing Visualization:** Shows the KG growing and improving
5. **Enterprise Metrics:** Displays business-ready KPIs

This transforms your technical POC into a **visually stunning, business-ready demonstration** that clearly showcases the value of each patent in your portfolio! 🚀