IDC Industries - AI-powered Document Search

Detroit Labs led the design and development of an HR document search tool for IDC Industries, leveraging Google Vertex AI for natural language search. Our team handled document review, ingestion, and deployment, delivering an intuitive, self-service

The challenge

IDC Industries needed a way to streamline employee access to HR information, especially benefits and policy updates, to reduce HR inquiries and boost productivity. Employees struggled to find answers in dense documents, a common issue for large organizations, particularly during enrollment periods.

The solution

Detroit Labs built an HR document search tool for IDC Industries, powered by Google Vertex AI. Employees use natural language search to find quick, AI-generated answers to HR questions. Built with React and deployed via Terraform, the tool is scalable and responsive, empowering IDC's workforce to access accurate HR info on demand, with sources cited for clarity.

The result

The HR search tool has reduced HR inquiries by empowering employees to find benefits and policy information quickly. With AI-generated summaries and cited sources, employees save time. The tool's intuitive design enhances employee productivity, and its scalability ensures IDC can expand its use as the company grows, providing lasting value.

> **"** Employees are already finding answers on their own, and it's starting to cut down on the number of HR questions we get. It's definitely making our process more efficient. **"**
>
> Chris Mansur, General Manager, IDC Industries, Inc

About IDC Industries, Inc

IDC is the most innovative gear manufacturer and reducer repair facility in the United States, uniquely combing comprehensive lines of standard power transmission equipment with custom machining, gear cutting, and gearbox repair services.
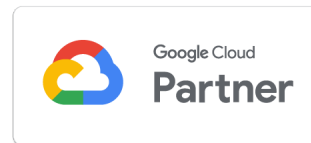
Vertical/horizontal solution: Manufacturing & Industrial

Primary project location: United States

About Detroit Labs LLC

Detroit Labs is a digital innovation studio -- a partner dedicated to helping you identify and launch bold technology solutions for business growth.

Products

Google Cloud Platform