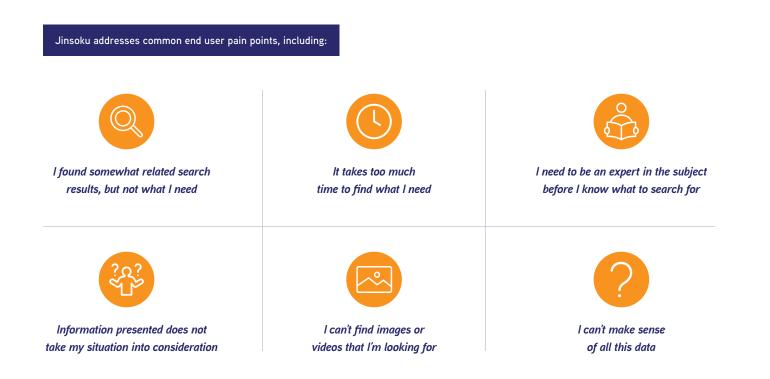# JINSOKU

Empowering Informed Decisions Faster

Every minute, agencies take on the enormous responsibility of serving and protecting our nation, making decisions based on what they know. The challenge? Existing information retrieval solutions simply cannot keep up with data proliferation challenges of an ever-growing digital world, and without information, government cannot make impactful decisions.

That's why Octo developed Jinsoku™.

Jinsoku is an information retrieval framework that provides capabilities traditional systems simply cannot. Instead of using fixed rules and/or algorithms to simply query a dataset, Jinsoku harnesses deep neural networks to retrieve data that has context. This capability can be applied to data of any format on demand, empowering end users to make better decisions faster.

Jinsoku revolutionizes the way we make decisions by applying context to the data end users have asked for.

Jinsoku addresses common end user pain points, including:

I found somewhat related search results, but not what I need

It takes too much time to find what I need

I need to be an expert in the subject before I know what to search for

Information presented does not take my situation into consideration

I can't find images or videos that I'm looking for

I can't make sense of all this data

Faster. Smarter.

In today's digital era, accurate and actionable data is key for informing and empowering workers. Unfortunately, regardless of how much data we gather or how powerful our machines get, the dream of having a system that understands what we want has been out of reach—until now.

Created with user friendly, open source, cloud native technology that can work with or without existing retrieval solutions, Jinsoku uses a neural search to provide a representation of data that captures semantics, allowing a machine to understand what text, image, or document is similar and return meaningful results that match the search context and the custom needs of the end user.

Built to scale as a standalone solution or incorporated into existing systems, Jinsoku can accommodate search, chatbots, translation services, academic research, bimodal search, multimedia search, and more.

Powerful Retrieval, Better Results

Results matter, which is why Jinsoku was built to improve outcomes by putting the right information in the right hands at the right time.

With Jinsoku you can:

Make better decisions, faster

Improve user experience

Go beyond keyword queries and algorithms

Ready to take information retrieval to the next level? Learn how Jinsoku can be used in your agency or organization.
Reach out to a member of Team Octo: **olabs@octo.us**