

Our Enterprise Search Offering

Access your most relevant and vital data with AI powered intelligent search.

Implementing an Enterprise Search solution can provide enterprises with a unified and efficient way to access accurate and vital data across their vast data landscape, making content easily searchable and accessible for their employees, vendors, and extended teams.

By adding innovative technology to existing Enterprise Search solutions, end users can more efficiently and intuitively access relevant information throughout the organization's data landscape in a unified manner across several data types like documents, databases, emails, and more. Helping the enterprise to streamline workflows, improve productivity, and make better-informed decisions that improve their operational efficiency.

As experts in Data Science & AI, Blue Altair strongly advocates for the enablement of enhanced Enterprise Search functionality within complex enterprise data repositories and collaborates with clients to utilize advanced technology such as Generative AI, LLMs, and vector databases to improve search capabilities coupled with cognitive search.

How Can Blue Altair Help?

Blue Altair serves as a key ally for organizations looking to undergo enterprise-wide digital transformation by helping them to adopt a well-thought-out Enterprise Search solution that can offer best-in-class business capabilities. We specialize in providing customized solutions that prioritize our client's critical business goals and incorporate them into their Enterprise Search solution to enable them to more effectively retrieve information stored across different data stores within the organization.

Utilize innovative advancements in technology such as Generative AI, LLMs, vector databases and NLP techniques.

Generate relevant search results utilizing complex logic considering the context and semantics of the query/queries.

Design robust framework to handle varied data modalities/formats including text, images, and audio.

Provide faster and timely access to the accurate information for more informed decisions.

About Enterprise Search

Enterprise Search involves the use of specialized software or platforms designed to index, search, and retrieve information stored across various data stores within the enterprise.

It typically offers features such as keyword search, advanced search filters, natural language processing (NLP), relevance ranking, sorting, visibility access, and security controls to ensure that users can quickly locate the information they need while adhering to role-based accesses and established data governance policies.

Our Partner

Blue Altair has joined forces with Viena.ai to expand our expertise in providing niche solutions using advanced Data Science technologies, coupled with solid working experience with diverse data sources, to help our clients significantly reduce the overall implementation and adoption time for the Enterprise Search solutions.

Blue Altair, in partnership with Viena.ai, introduces specialized solution features to Enterprise Search:

- Improved search efficiency and efficacy, departing from traditional search methods.
- Intuitive UI to enable users to input queries in a conversational and natural way, leading to enhanced user experience.
- Unified way to search the information ensuring quicker adoption.
- Pertinent search results accurately fulfilling the user needs for information, closely aligning with their search criteria.
- Strategically designed comprehensive set of automation features which caters to the diverse needs of enterprise search, spanning across query comprehension, document summarization, and concise response generation, thereby diminishing manual tasks and boosting productivity.

Our Offering

With proven expertise in data management domains and resolving pivotal business challenges through advancements in Data Science technologies, the Blue Altair team can quickly comprehend the diverse requirements of data storage and flow within enterprise applications. This enables expedited assessment and scoping of enterprise search requirements, leading to faster pilot runs and implementations, resulting in increased success rates.

This offering includes:

Current State Assessment and Implementation Strategy with Pilot

- Define the implementation strategy and a detailed roadmap that outlines the phases, timelines, infrastructure, and expected outcomes for business users
- Develop a strategy based on current data quality across different data sources, the data governance policies, and the end-user structure
- Run a pilot implementation to demonstrate the strength of Enterprise Search to the key stakeholders within the proposed duration of 4-6 weeks for a medium complexity data source sample data

Implementation

- Working closely with business and IT teams, we implement the Enterprise Search solution by onboarding the sources in a phased manner for search accuracy, fine-tuning the search results, and setting up the users with training for a smooth adoption.
- We offer ongoing support to enhance the solution for new information stores, and any feature enhancement for continued value to your organization.

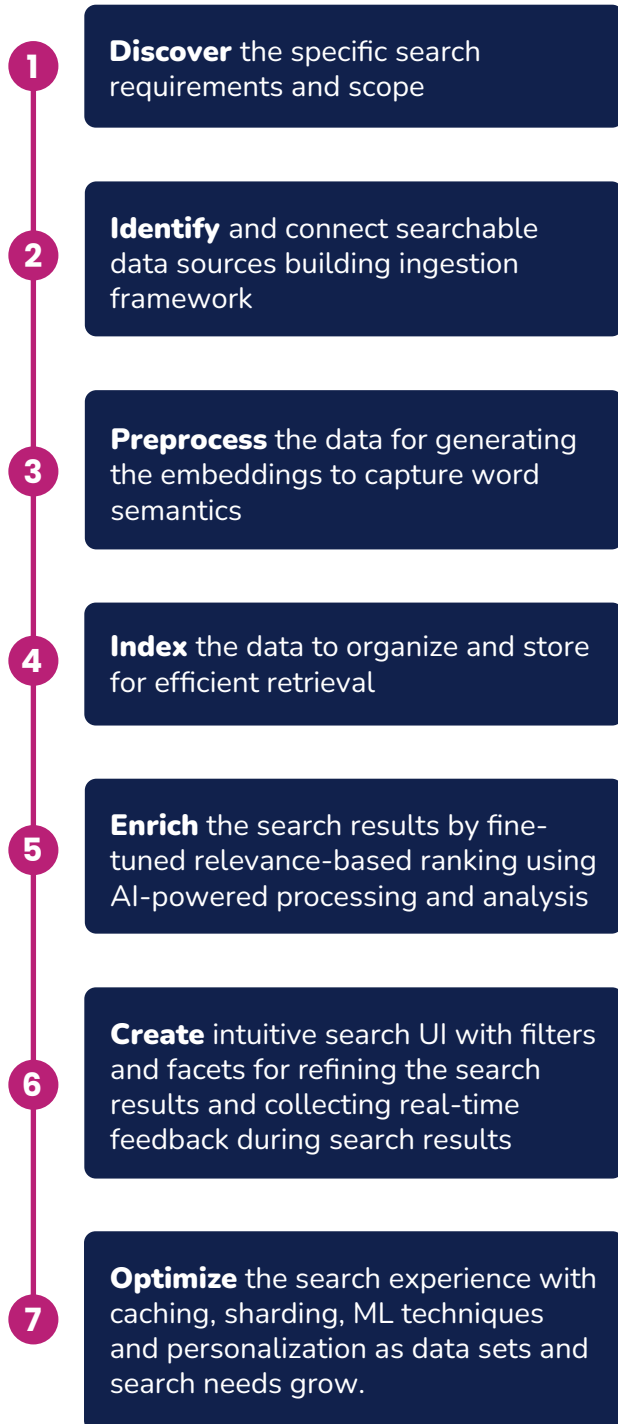


About Viena.ai

Viena.ai is an innovator in Image Search and Machine Vision AI, focused on developing cutting-edge products for image and text search utilizing the latest advancements in AI technology. Viena offers the Viena Edge AI Components, a comprehensive suite of hardware, software, AI stack, and models to help build robust and flexible Vision Systems solutions.

Our Solution Approach

Our unique approach to delivering accurate and relevant search results employs the latest machine learning algorithms and considers nuances like mixed terminologies, verbose descriptions, typos etc. in data.



Industry Use Cases

In a recent report by the Forrester Wave™ on Cognitive Search Platforms, they identify substantial advances made in the Generative AI space and the key role enterprise search plays in addressing business needs across an enterprise such as customer service and support, content management, enterprise-wide collaboration, knowledge management, and efficient Research and Development. While these are some of the primary use cases for Enterprise Search, when coupled with the latest technology advancements, additional use cases can include compliance and risk management, data discovery for analysis, e-discovery, and much more.

- Collaboration
- Compliance
- Content Management
- Data Discovery
- Research and Development
- Risk Management

Case Studies ▶ Addressing Complex Business Needs

Over the past few years, Blue Altair has worked with clients to deliver our industry-leading solutions in the area of Enterprise Search. The following is a glimpse of the type of problems we have helped our clients address.

Case Study 1

Client Challenges

An Edtech company aimed to revolutionize the learning experience for the end users moving away from siloed searches.

Our Solution

- Introduced Enterprise Search solution which catered to varied data formats like texts, images for search across a huge volume of 7 Million documents to facilitate the unified and efficient search for the end users.
- The solution utilized latest technology stack MongoDB Atlas, SpringBoot, OpenAI, Python, LlamaIndex for implementing the required solution benefitting in multiple ways like:
 - Better search of the catalog of content
 - Multi-lingual UI for global users
 - Predictive and Semantic search

Case Study 2

Client Challenges

A leading insurance company embarked on a strategic initiative to enhance its services, improve end-customer experiences, and remain competitive in a rapidly evolving industry landscape. This involved enabling predictive searches across a huge set of documents for different geographic users.

Our Solution

- Enabled search across a humongous data repository of ~20Million multi-lingual documents.
- Scalable NLP-based searchability for the end users.
- Improvements to the overall search experience with intuitive search facets and filters.
- Multi-lingual UI with predictive searchability.

About Blue Altair

Blue Altair is a niche, industry-recognized business and technology consulting firm that assists our clients with digital transformations. We offer Assessment and Strategy, Technology Implementation, and Managed Services in API Management and Integration; Data Management; Digital Application Development; and Data Science and AI. Our Client Success capability ensures a higher-than-industry rate of successfully delivered projects, with a primary focus on program and project management, business analysis, and quality assurance. Blue Labs is our innovation hub, where we use cutting-edge technology to build offerings that deliver accelerators and solutions. Our culture is the heart of our existence, and our core values are the key drivers for our handpicked, top-tier performers.

info@bluealtair.com | www.bluealtair.com

1530 Wilson Blvd., Suite 650
Arlington, Virginia 22209 USA
+1 703 721 7275



United States | India | Australia | Argentina