LIGHTCREST

The Path to Search & AI Excellence

Helping product development and enterprise IT teams execute at peak levels.

Moving from Data to Insight

According to IDC, in 2025, there will be ten times the amount of data in existence as there is today. To cope with the rapidly growing amount of data at their disposal, modern businesses are moving toward cognitive applications to improve productivity, increase profitability, and enhance customer experience.

Getting maximum value from data requires a two-pronged approach: Search and AI. Search enables smart businesses to extract insights from their data while AI allows for deeper understanding of the patterns found within the information. This is where Lightcrest comes into play.

Our Expertise Is In

Putting Search to Work

The knowledge and expertise to design and implement search technologies that meet business objectives can be hard to find. Finding a partner that not only understands these applications and methodologies, but can integrate them within your existing systems is critical.

Lightcrest develops search applications using various technologies, including (but not limited to):

Solr · elastic · Apache Spark

Demystifying AI

Artificial Intelligence is a wide and rapidly evolving domain. Many open source tools exist to provide specific capabilities in AI, but require experience to make them effective in a business context. Lightcrest has worked hand-in-hand with clients for over a decade to put AI into practice.

Lightcrest enhances clients' search platforms using various AI features, including (but not limited to):

Chat Bots | Natural Language Understanding (NLU) | Image Recognition

How Lightcrest Ads Value

Expertise

Decades of experience focused on search, machine learning, and NLP plus a deep understanding of distributed data processing enables Lightcrest to quickly zero-in on the strategic requirements and apply the requisite knowledge to achieve goals. With a talented team of senior-level architecture, R&D, and engineering professionals, Lightcrest is able to move from concept to commercialization.

Eye on The Future

Translating conceptual objectives into reality utilizing the latest approaches in search, AI, machine learning, NLP, and distributed processing is a core Lightcrest competency. Clients look to Lightcrest to be on the forefront of search thinking and methodologies – and to help bring new solutions to positively affect business outcomes.

Open Source Dedication

Lightcrest invests in understanding the entire landscape of open source technologies to provide the best and most current solutions to meet client needs. Lightcrest not only uses open source technologies, team members also contribute to and actively maintain multiple open source projects, including Solr.

At One with Clients

Lightcrest teams work side-by-side with clients, becoming a valued and integrated extension of their teams, skilled at working with the frameworks, systems, and languages utilized internally.

> "With the expertise of Lightcrest, we successfully developed and launched a taxonomy and increase search relevancy across the HP product portfolio."
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> — John McGuire, Hewlett Packard