

# AI at Your Fingertips: How Elastic AI Assistant Simplifies Cybersecurity

EMA IMPACT BRIEF

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## Abstract

Elastic recently introduced the groundbreaking Elastic AI Assistant for Elastic Security, powered by the Elasticsearch Relevance Engine™ (ESRE™). This open, generative AI sidekick revolutionizes cybersecurity, making it accessible to users of all skill levels. ESRE, built on Elastic's leadership in search and two years of focused machine learning research, amalgamates AI and text search to create highly relevant search applications.

## Background – Tackling the Learning Curve of Cybersecurity

In a dynamic digital landscape, securing data is imperative. Organizations must invest in robust cybersecurity measures, employee training, and proactive monitoring to safeguard their data assets from potential threats and vulnerabilities. However, employee training can become quite expensive, and before now, very few tools existed to help simplify the learning curve.

Elastic AI Assistant, fueled by ESRE, emerges as a solution to democratize cybersecurity and tackle the learning curve. As cyber threats escalate, the need for accessible AI-driven solutions grows. Elastic's rich history in search and recent efforts with machine learning research have yielded the Elastic AI Assistant for Security, enabling users across all skill levels to harness the power of AI in their everyday.



## Key Ramifications

The introduction of Elastic AI Assistant has several key ramifications:

- Democratizing Cybersecurity – Elastic AI Assistant transcends user expertise, providing even novice users with the ability to tap into advanced cybersecurity capabilities.
- Open and Transparent AI Framework – Users can integrate new models effortlessly, fostering comparison and enhancing the adoption of domain-specific models.
- User-Centric Adaptability – Elastic AI Assistant’s flexibility accommodates customized prompts, allowing users to tailor AI assistance to their unique challenges.
- Enhanced Security – Elastic’s commitment to transparency allows users to review and modify data sent to the AI, while prioritizing security and privacy.

## EMA Perspective

Elastic AI Assistant marks a pivotal shift in cybersecurity by making advanced AI accessible to all users. Elastic made a strategic move to integrate generative AI within a unified data analytics platform. This move aligns with EMA’s vision of empowering organizations to navigate complex cybersecurity landscapes.

From a solution provider’s standpoint, the AI Assistant for Elastic Security is a game-changer. It provides a bridge for organizations to harness the capabilities of large language models while maintaining data privacy and security. The open framework underscores Elastic’s commitment to transparency and innovation. Furthermore, the prebuilt prompts and customizable workflows will empower security analysts to streamline tasks, such as alert investigation, incident response, and query generation.

In a rapidly evolving AI landscape, Elastic AI Assistant positions Elastic at the forefront of AI-powered cybersecurity solutions. EMA believes that this technology will catalyze industry-wide innovation and collaboration.

### About EMA

Founded in 1996, Enterprise Management Associates (EMA) is a leading industry analyst firm that specializes in going “beyond the surface” to provide deep insight across the full spectrum of IT management technologies. EMA analysts leverage a unique combination of practical experience, insight into industry best practices, and in-depth knowledge of current and planned vendor solutions to help its clients achieve their goals. Learn more about EMA research, analysis, and consulting services for enterprise IT professionals, and IT vendors at [www.enterprisemanagement.com](http://www.enterprisemanagement.com) or follow EMA on [Twitter](#) or [LinkedIn](#).