

Unlocking the power of generative AI in public sector

The rise of Gen AI is a revolutionary moment in technology — not unlike earlier breakthroughs in mainframe, cloud computing, and mobile. While many discussions around gen AI center on revenue growth and business goals, government and education leaders are thinking through how Gen AI can benefit the greater good, from student learning to national defense to citizen services.

Real-world Gen AI use cases for government & education

Innovations in semantic search and Gen AI open up myriad opportunities to better serve the public. Students and citizens can query a website to get personalized, immediate, and actionable responses. Government and university employees can save hours of their workday by quickly surfacing information from internal documents and resources.

Gen AI has broad applications across public sector sub-industries and job functions, fundamentally changing online expectations, capabilities, and experiences.



Workload reduction

Automate manual processes and workflows



Compliance

Enable role-based data access



Real-time situational awareness

Make more accurate decisions



Employee productivity

Find the right information at the right time



Citizen experiences

Build trust via personalized digital interactions



Public services

Increase accessibility and self-service options



Dynamic intelligence

Accelerate mission search and insights



Cybersecurity

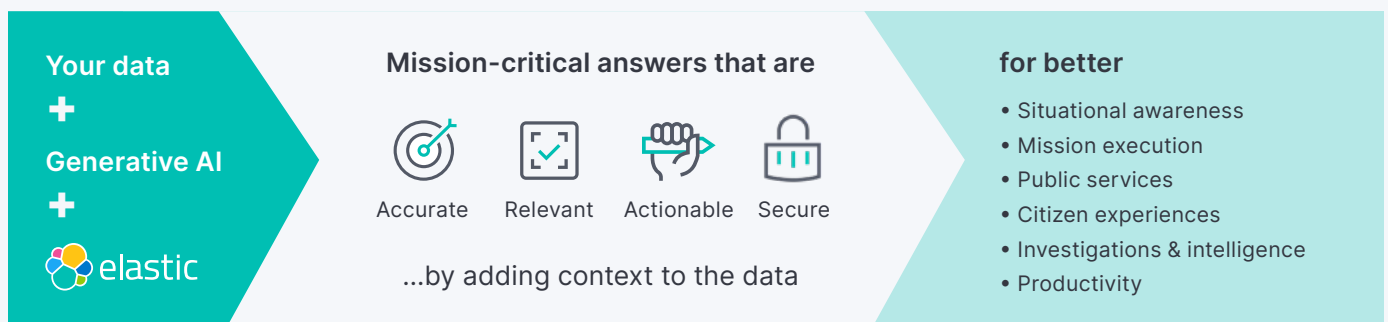
Conduct real-time risk assessment and analysis

Your data + Generative AI = context-rich answers

The key to creating mission value with Gen AI is your own internal data. In its current state, Gen AI can produce impressive content, conversations, images, and more. But those results are only as relevant as the data the tool has been trained on. And in the case of publicly available Gen AI applications, that data is typically limited to what's publicly available on the internet. As a result, it's prone to hallucinations — or incorrect information presented as if it were accurate.

On the other hand, when you integrate Gen AI with your *private data*, you can produce highly relevant, accurate, actionable, and secure responses based on natural language queries. This is made possible by the Elasticsearch platform.

Find the mission-critical answers you need with Elasticsearch + Gen AI + your internal data



Elastic is the bridge to your private data and LLMs

The Elastic Generative AI value proposition

Elasticsearch provides a safe, cost-effective approach to building relevant Gen AI public sector experiences with your proprietary data. **So you easily operationalize privacy-first Gen AI in real time, at scale.** Using the power of Gen AI, Elasticsearch:

Prioritizes security and confidentiality:

The platform recognizes and implements the appropriate clearance-level access to the user and data, removing private information.

Delivers hyper-relevant, reliable content: Before Gen AI composes a response, Elasticsearch provides the most relevant content from your proprietary data to best answer the query.

Reduces GAI hallucinations: Because Elasticsearch uses your specific mission information, Gen AI "hallucinations" are infrequent.

Lowers costs: By providing the information most relevant to the query, fewer compute and storage resources are required.

Provides a unified platform for AI apps:

Elasticsearch is an end-to-end platform to build and deliver AI search applications.

Offers real-time guidance: Security teams can enable the Elastic AI Assistant for personalized help on tasks like alert investigation, incident response, and query generation.

Learn more about Elastic's Gen AI capabilities:
elastic.co/industries/public-sector/ai

Contact a public sector expert directly:
elastic.co/contact/publicsector