Enterprise Strategy Group™
by TechTarget

Generative AI for Cybersecurity:
An Optimistic but Uncertain Future

Generative AI (GenAI) introduces new risks as employees connect to GenAI applications, share data, and build homegrown large language models. Security professionals are also anxious about how cybercriminals may use GenAI as part of attack campaigns. Despite these risks, generative AI holds great cybersecurity-boosting potential as well. TechTarget's Enterprise Strategy Group recently surveyed IT and cybersecurity professionals with visibility into current GenAI usage and strategic plans to gain insights into these trends.
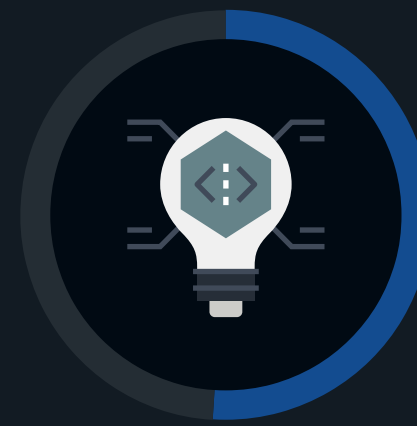
Notable findings from this study include:

86%
of organizations have **blocked or plan to block access to GenAI sites.**

76%
of cybersecurity professionals believe GenAI provides an advantage to cyber-adversaries.

51%
of cybersecurity professionals believe GenAI makes it easier for unskilled hackers to develop more advanced attacks.

42%
of cybersecurity professionals are optimistic about the potential impact of GenAI for cybersecurity defenders.

92%
of organizations would be willing to replace existing security technologies based on another vendor's GenAI capabilities.

71%
of organizations **still want a staff member to review low-risk recommendations** provided by a GenAI application before taking manual remediation actions.

ABOUT

With over 25 years of experience, Levi, Ray and Shoup (LRS) stands as a global leader in providing cutting-edge Information Technology solutions. With a dedicated team of more than 900 employees worldwide, we are committed to delivering top-tier solutions from the industry's most esteemed names, concentrating on Security, Data, Analytics & AI, and Hybrid Cloud Infrastructure.

Our strategically sourced talent, fortified by extensive skills and expertise, ensures an extraordinary client experience. Our practice leaders, each with over 20 years of real-world experience, possess an acute understanding of the business challenges faced in today's dynamic environment. We proudly serve a diverse clientele spanning from enterprise-level to the public sector, across a wide array of industries.

At LRS, we are devoted to a customer-first ethos, providing technology solutions that drive tangible value for our clients. Our proven methodologies align business outcomes with technology, aiming to reduce risk, enhance efficiencies, and swiftly adapt to change. Our solutions are crafted to empower your business, enabling you to achieve outstanding results.

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