

# Generative Artificial Intelligence In Defense Projected to Reach \$1.66 Billion By 2028

*The Business Research Company's Early Year-End Sale! Get up to 30% off detailed market research reports—for a limited time only!*

LONDON, GREATER LONDON, UNITED KINGDOM, December 8, 2024 /EINPresswire.com/ -- The Business Research Company's Early Year-End Sale! Get up to 30% off detailed market research reports—limited time only!



The Business  
Research Company

Generative Artificial Intelligence In Defense Global Market Report 2024 - Market Size, Trends, And Global Forecast 2024-2033

[How Has the Generative Artificial Intelligence In Defense Market Fared](#) and What Is Its Projected Growth?

“

Generative artificial intelligence in defense market size is expected to see growth in the next few years. It will grow to \$1.66 billion in 2028 at a compound annual growth rate (CAGR) of 23.6%”

*The Business Research  
Company*

The generative artificial intelligence in defense market size has grown exponentially in recent years, rising from \$0.58 billion in 2023 to \$0.71 billion in 2024 at a compound annual growth rate CAGR of 23.4%. Factors such as demand for autonomous systems, cybersecurity threats, the need for enhanced security, increased military spending, and data explosions have all attributed to this surge.

In the next few years, the generative artificial intelligence in defense market size is expected to see exponential growth. It is projected to reach \$1.66 billion in 2028 at a compound annual growth rate CAGR of 23.6%. This robust growth

during the forecast period can be attributed to factors such as increasing defense budgets, the need for enhanced surveillance and reconnaissance, and strategic military planning and simulation. Also, demand for autonomous systems, as well as advancements in data analytics capabilities, will further drive market growth.

Dive Into Detailed Insights of the Global Template Market with a Free Sample Report:

## What Is Driving the Growth of the Generative Artificial Intelligence In Defense Market?

The market is expected to grow significantly due to rising investments in defense innovation. Defense innovation refers to the development and implementation of advanced technologies and strategies designed to enhance military capabilities and national security. It aims to automate complex tasks, enhance decision-making capacities, and improve efficiency and effectiveness in military operations. For instance, a 5.9% rise in defense investment was noted in a November 2023 report from the European Defense Agency, totalling €58 billion \$63 billion, compared to 2021. These crucial investments in defense innovation are driving the growth of the generative artificial intelligence in defense market.

Pre-book the report for a swift delivery:

<https://www.thebusinessresearchcompany.com/report/generative-artificial-intelligence-in-defense-global-market-report>

## Who Are the Key Industry [Players of the Generative Artificial Intelligence In Defense Market?](#)

Major companies operating in this market include Microsoft Corporation, Amazon Web Services AWS, RTX Corporation, Lockheed Martin Corporation, International Business Machines Corporation IBM, Cisco Systems, Oracle Corporation, General Dynamics Information Technology Inc., Northrop Grumman Corporation, Fujitsu Limited, Hewlett Packard Enterprise HPE, Google Cloud, BAE System plc., Thales Group, L3 Technologies, Leidos Holdings Inc., Huntington Ingalls Industries, Science Applications International Corporation SAIC, Palantir Technologies, AeroVironment, C3.AI inc.

## What Are the Emerging Trends in the Generative Artificial Intelligence In Defense Market?

Key companies are focusing on developing innovative solutions, such as generative artificial intelligence chatbots. These AI-driven tools use advanced algorithms to understand and generate human-like responses, which assist users in tasks, queries, and information. For example, the United States Department of the Air Force DAF and the Air Force Research Laboratory AFRL launched an AI chatbot, non-classified internet protocol generative pre-training Transformer NIPRGPT, designed to interact like a human in June 2024. This chatbot helps service members with tasks such as communications, coding, and exploring new technologies securely.

The generative artificial intelligence in defense market covered in this report is segmented into:

- 1 By Components: Software, Services
- 2 By Deployment Mode: Cloud-Based, On-Premises
- 3 By Application: Target Recognition, Decision Support Systems, Autonomous Systems,

Cybersecurity, Other Applications

4 By End-Users: Government Or Military, Defense Contractors, Research Institutions

How Is the Generative Artificial Intelligence Market Segmented Across Different Regions?

North America was the largest region in the generative artificial intelligence in defense market in 2023. However, the market extends over several regions globally, including Asia-Pacific, Western Europe, Eastern Europe, South America, Middle East, and Africa.

Browse Through More Similar Reports By The Business Research Company:

Generative AI Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/generative-ai-global-market-report>

Generative AI In Gaming Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/generative-ai-in-gaming-global-market-report>

Generative Artificial Intelligence In Development And Operations (DevOps) Global Market Report 2024

<https://www.thebusinessresearchcompany.com/report/generative-artificial-intelligence-in-development-and-operations-devops-global-market-report>

### [About The Business Research Company](#)

Learn More About The Business Research Company. With over 15000+ reports from 27 industries covering 60+ geographies, The Business Research Company has built a reputation for offering comprehensive, data-rich research and insights. Armed with 1,500,000 datasets, the optimistic contribution of in-depth secondary research, and unique insights from industry leaders, you can get the information you need to stay ahead in the game.

Contact us at:

The Business Research Company: <https://www.thebusinessresearchcompany.com/>

Americas +1 3156230293

Asia +44 2071930708

Europe +44 2071930708

Email us at [info@tbrc.info](mailto:info@tbrc.info)

Follow us on:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

YouTube: [https://www.youtube.com/channel/UC24\\_f10rV8cR5DxICpgmyFQ](https://www.youtube.com/channel/UC24_f10rV8cR5DxICpgmyFQ)

Global Market Model: <https://www.thebusinessresearchcompany.com/global-market-model>

Oliver Guirdham

The Business Research Company

+44 20 7193 0708

[email us here](#)

Visit us on social media:

[Facebook](#)

[X](#)

[LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/766708157>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2024 Newsmatics Inc. All Right Reserved.