

# **Artificial intelligence in Defense Market Size, Share, and Outlook, 2025 Report- By Application (Cyber Security, Battlefield Healthcare, Logistic & Transportation, Warfare Platform, Others), By Platform (Air, Land, Space, Naval), By Technology (Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Others), By Offering (Hardware, Software, Services), 2018-2032**

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## **Abstracts**

### **Artificial intelligence in Defense Market Outlook**

The Artificial intelligence in Defense Market size is expected to register a growth rate of 10.3% during the forecast period from \$11.32 Billion in 2025 to \$22.5 Billion in 2032.

The Artificial intelligence in Defense market is a thriving business that is poised to keep growing and presents potential growth opportunities for companies across the industry value chain.

The comprehensive market research report presents 12-year historic and forecast data on Artificial intelligence in Defense segments across 22 countries from 2021 to 2032. Key segments in the report include By Application (Cyber Security, Battlefield Healthcare, Logistic & Transportation, Warfare Platform, Others), By Platform (Air, Land, Space, Naval), By Technology (Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Others), By Offering (Hardware, Software, Services). Over 70 tables and charts showcase findings from our latest survey report on Artificial intelligence in Defense markets.

## Artificial intelligence in Defense Market Insights, 2025

The AI in Defense Market is advancing with AI-powered automated threat detection, automation-enhanced real-time military logistics, and machine learning-driven predictive cybersecurity defense. Companies such as Lockheed Martin, Northrop Grumman, Raytheon Technologies, and Palantir Technologies are leading with AI-enhanced automated drone targeting, blockchain-backed secure military communications, and IoT-integrated real-time situational awareness systems. The expansion of automation-powered AI-driven unmanned aerial vehicle (UAV) optimization, AI-enhanced cloud-native battlefield intelligence analysis, and AI-driven real-time defense cybersecurity solutions is strengthening military applications. However, challenges in AI-powered autonomous weapon compliance, cybersecurity risks in automation-enhanced battlefield management, and technical limitations in AI-driven real-time warfighting AI present concerns. Additionally, Department of Defense AI ethics policies, evolving NATO standards on automation-enhanced military AI deployment, and corporate investment in AI-driven defense applications are shaping market trends.

### Five Trends that will define global Artificial intelligence in Defense market in 2025 and Beyond

A closer look at the multi-million market for Artificial intelligence in Defense identifies rapidly shifting consumer preferences across categories. By focusing on growth and resilience, leading Artificial intelligence in Defense companies are prioritizing their investments across categories, markets, and geographies. The report analyses the most important market trends shaping the new landscape to support better decisions for the long and short-term future. The impact of tariffs by the US administration also significantly impact the profitability of Artificial intelligence in Defense vendors.

### What are the biggest opportunities for growth in the Artificial intelligence in Defense industry?

The Artificial intelligence in Defense sector demonstrated remarkable resilience over the past year across developed and developing economies. Further, the market presents significant opportunities to leverage the existing momentum towards actions by 2032. On the other hand, recent macroeconomic developments including rising inflation and supply chain disruptions are putting pressure on companies. The chapter assists users to identify growth avenues and address business challenges to make informed commercial decisions with unique insights, data forecasts, and in-depth market analyses.

## Artificial intelligence in Defense Market Segment Insights

The Artificial intelligence in Defense industry presents strong offers across categories. The analytical report offers forecasts of Artificial intelligence in Defense industry performance across segments and countries. Key segments in the industry include%li%By Application (Cyber Security, Battlefield Healthcare, Logistic & Transportation, Warfare Platform, Others), By Platform (Air, Land, Space, Naval), By Technology (Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Others), By Offering (Hardware, Software, Services). The largest types, applications, and sales channels, fastest growing segments, and the key factors driving each of the categories are included in the report.

Forecasts of each segment across five regions are provided from 2021 through 2032 for Asia Pacific, North America, Europe, South America, Middle East, and African regions. In addition, Artificial intelligence in Defense market size outlook is provided for 22 countries across these regions.

## Market Value Chain

The chapter identifies potential companies and their operations across the global Artificial intelligence in Defense industry ecosystem. It assists decision-makers in evaluating global Artificial intelligence in Defense market fundamentals, market dynamics, and disruptive trends across the value chain segments.

## Scenario Analysis and Forecasts

Strategic decision-making in the Artificial intelligence in Defense industry is multi-faceted with the increased need for planning across scenarios. The report provides forecasts across three case scenarios%li%low growth, reference case, and high growth cases.

## Asia Pacific Artificial intelligence in Defense Market Analysis%li%A Promising Growth Arena for Business Expansion

As companies increasingly expand across promising Asia Pacific markets with over 4.5 billion population, the medium-to-long-term future remains robust. The presence of the fastest-growing economies such as China, India, Thailand, Indonesia, and Vietnam coupled with strengthening middle-class populations and rising disposable incomes

drive the market. In particular, China and India are witnessing rapid shifts in consumer purchasing behavior. China is recovering steadily with optimistic forecasts for 2025. Further, Japanese and South Korean markets remain stable with most companies focusing on new product launches and diversification of sales channels.

### The State of Europe Artificial intelligence in Defense Industry 2025%li%Focus on Accelerating Competitiveness

As companies opt for an integrated agenda for competitiveness, the year 2025 presents optimistic scenarios for companies across the ecosystem. With signs of economic recovery across markets, companies are increasing their investments. Europe is one of the largest markets for Artificial intelligence in Defense with demand from both Western Europe and Eastern European regions increasing over the medium to long-term future. Increasing omnichannel shopping amidst robust consumer demand for value purchases shapes the market outlook. The report analyses the key Artificial intelligence in Defense market drivers and opportunities across Germany, France, the United Kingdom, Spain, Italy, Russia, and other Europe.

The US Artificial intelligence in Defense market Insights%li%Vendors are exploring new opportunities within the US Artificial intelligence in Defense industry.

Easing inflation coupled with strengthening consumer sentiment is encouraging aggressive actions from the US Artificial intelligence in Defense companies. Market players consistently focusing on innovation and pursuing new ways to create value are set to excel in 2025. In addition, the Canadian and Mexican markets offer lucrative growth pockets for manufacturers and vendors. Focus on private-brand offerings and promotions, diversified sales channels, expansion into niche segments, adoption of advanced technologies, and sustainability are widely observed across the North American Artificial intelligence in Defense market.

Latin American Artificial intelligence in Defense market outlook rebounds in line with economic growth.

Underlying demand remains higher among urban consumers with an optimistic economic outlook across Brazil, Argentina, Chile, and other South and Central American countries. Increased consumer spending has been reported in Q1 -2025 and the prospects remain strong for rest of 2025. Aggressive ecosystem moves to create new sources of income are widely observed across markets in the region. Marketing activities focused on customer insights, operations, and support functions are quickly

gaining business growth in the region.

## Middle East and Africa Artificial intelligence in Defense Markets%li%New Opportunities for Companies Harnessing Diversity

Rapid growth in burgeoning urban locations coupled with a young and fast-growing population base is attracting new investments in the Middle East and African Artificial intelligence in Defense markets. Designing expansion and marketing strategies to cater to the local consumer base supports the market prospects. In addition to Nigeria, Algeria, South Africa, and other markets, steady growth markets in Ethiopia, Rwanda, Ghana, Tanzania, the Democratic Republic of Congo, and others present significant prospects for companies. On the other hand, Middle Eastern Artificial intelligence in Defense markets including the UAE, Saudi Arabia, Qatar, and Oman continue to offer lucrative pockets of growth.

## Competitive Landscape%li%How Artificial intelligence in Defense companies outcompete in 2025?

The ability to respond quickly to evolving consumer preferences and adapt businesses to niche consumer segments remains a key growth factor. The report identifies the leading companies in the industry and provides their revenue for 2024. The market shares of each company are also included in the report. Further, business profiles, SWOT analysis, and financial analysis of each company are provided in detail. Key companies analyzed in the report include AIRBUS, BAE Systems, Hindustan Aeronautics Ltd, IBM Corp, L3Harris Technologies Inc, Lockheed Martin Corp, Norinco Private Ltd, Rafael Advanced Defense Systems Ltd, SAAB, SparkCognition.

## Artificial intelligence in Defense Market Segmentation

By Application

Cyber Security

Battlefield Healthcare

Logistic & Transportation

Warfare Platform

Others

By Platform

Air

Land

Space

Naval

By Technology

Machine Learning

Deep Learning

Computer Vision

Natural Language Processing

Others

By Offering

Hardware

Software

Services

Leading Companies

AIRBUS

BAE Systems

Hindustan Aeronautics Ltd

IBM Corp

L3Harris Technologies Inc

Lockheed Martin Corp

Norinco Private Ltd

Rafael Advanced Defense Systems Ltd

SAAB

SparkCognition

Reasons to Buy the report

Make informed decisions through long and short-term forecasts across 22 countries and segments.

Evaluate market fundamentals, dynamics, and disrupting trends set to shape 2025 and beyond.

Gain a clear understanding of the competitive landscape, with product portfolio and growth strategies.

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Stay ahead of the competition through plans for growth in a changing environment for your geographic expansion.

Assess the impact of advanced technologies and identify growth opportunities based on actionable data and insights.

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##### **Others**

##### **By Platform**

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##### **Land**

##### **Space**

##### **Naval**

##### **By Technology**

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##### **Others**

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