

Comprehensive Report on the Military Radars Market: Opportunities and Challenges

*The Business Research Company's
Military Radars Market Report 2026 –
Market Size, Trends, And Global Forecast
2026-2035*

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/EINPresswire.com/ -- "The [military radars industry](#) has experienced

significant growth recently, driven by advancements in technology and expanding defense needs worldwide. As the global security landscape evolves, military radar systems are becoming increasingly crucial for surveillance, threat detection, and tactical operations. Let's explore the current market size, growth factors, regional dynamics, and key drivers shaping this sector's future.

Market Size and Projected Growth in the Military Radars Market

The military radars market has seen robust expansion in recent years, with its value expected to increase from \$62.77 billion in 2025 to \$67.14 billion in 2026, growing at a compound annual growth rate (CAGR) of 7.0%. This past growth was fueled by the development and deployment of pulse and MTL radar systems for military surveillance, improvements in radar detection and signal processing technologies, expansion of defense infrastructure requiring enhanced radar coverage, government defense contracts, and the integration of imaging radar systems for reconnaissance and targeting applications. Looking ahead, the market is projected to reach \$90.94 billion by 2030, expanding at a CAGR of 7.9%. This continued growth will be supported by rising demand for high-resolution, long-range military radars, the adoption of artificial intelligence and machine learning for target detection and tracking, growth in multi-domain radar systems for air, land, and sea operations, increased investment in mobile and deployable radar technologies, and modernization efforts aimed at improving situational awareness.

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Understanding Military Radar Systems and Their Components



Military radars serve as detection systems used by armed forces to identify the presence, direction, distance, and speed of targets across air, ground, and maritime environments. These systems typically consist of key components such as a transmitter, antenna, receiver, and indicator, working together to provide real-time situational data critical for defense operations and strategic decision-making.

Defense Spending as a Crucial Driver of the Military Radars Market

One of the principal factors propelling the military radars market is the steady rise in defense spending across the globe. Defense budgets cover government expenditures on armed forces, military operations, technology research and development, and procurement of equipment. This increase is largely driven by escalating geopolitical tensions, the necessity to modernize military capabilities, and the intent to maintain strategic advantages over potential rivals. Higher defense spending enables governments to invest in advanced radar technologies, improve surveillance and detection systems, and upgrade existing defense infrastructure to counter evolving security threats effectively. For example, in October 2025, the UK Parliament's House of Commons Library reported that the UK's defense expenditure outlined in the 2025 Spending Review is anticipated to reach USD 83.3 billion (£62.2 billion) in 2025/26, rising to USD 98.2 billion (£73.5 billion) by 2028/29. This corresponds to an average annual real-terms growth rate of 3.8% over the period, highlighting the critical role of defense funding in boosting military radar development and deployment.

View the full military radars market report:

https://www.thebusinessresearchcompany.com/report/military-radars-global-market-report?utm_source=ENPresswire&utm_medium=Paid&utm_campaign=Jun_PR

Regional Outlook with North America Leading the Military Radars Market

In 2025, North America held the largest share of the military radar market and is expected to remain the fastest-growing region throughout the forecast period. The market report covers key areas including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive overview of regional trends and growth opportunities. North America's leadership in this market is supported by significant defense investments, technological innovation, and strategic military initiatives.

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- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel-based forecasting dashboards
- Market hotspots infographics
- Key technologies and future trend analysis
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