

Military Vehicle Simulations Market to Reach USD \$7.11 Billion by 2029 at 8% CAGR

The Business Research Company's Heat Treated Steel Plates Global Market Report 2025 – Market Size, Trends, And Forecast 2025-2034

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/EINPresswire.com/ -- What Is The Estimated Industry [Size Of Military Vehicle Simulations Market?](#)

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Over the past few years, there has been a notable surge in the military vehicle simulations market size. The market which was valued at \$4.82 billion in 2024, is projected to reach \$5.22 billion in 2025, thanks to a compound annual growth rate (CAGR) of 8.3%. This past growth can be linked to factors such as rising defense budgets, earlier adoption of simulation, military modernization initiatives, enhancements in computational capabilities, and efforts towards post-conflict reconstruction.



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The market size for military vehicle simulations is anticipated to witness significant expansion in the following years, with predictions estimating it will reach \$7.11 billion in 2029, growing at a compound annual growth rate (CAGR) of 8.0%. This projected growth during the forecast period can be linked to an increasing

emphasis on soldier preparedness, growing hybrid warfare contexts, escalating geopolitical struggles, a surge in armored vehicle procurement, and governmental funding in defense technology. The prediction period also exhibits some prevailing trends such as the application of virtual reality technologies, the creation of cloud-based simulation platforms, the use of data analytics for monitoring performance, the crafting of tailored simulation modules, and interconnection with unmanned systems training.

Download a free sample of the military vehicle simulations market report:

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What Are The Major Factors Driving The [Military Vehicle Simulations Global Market Growth](#)?

The rise in geopolitical conflicts is likely to fuel the expansion of the military vehicle simulation market in the future. These geopolitical frictions, which pertain to the discord or tensile relations among nations that could lead to military face-offs or prolonged defense stances, have increased due to the escalating competition for vital resources like energy, water, and rare earth minerals. This is happening as countries attempt to secure strategic benefits amidst vulnerabilities in the global supply chain. The use of military vehicle simulation heightens strategic readiness by facilitating relevant training and scenario planning, thus enabling nations to maneuver through geopolitical conflicts while minimizing the likelihood of overt disputes. For example, a report from the International Institute for Strategic Studies (IISS), an international research institution based in the UK that concentrates on defense and security matters, noted in December 2024 that the fatalities resulting from violent incidents worldwide escalated by 37% from July 2023 to June 2024, nearing a total of 200,000. Therefore, the increasing geopolitical conflicts are boosting the expansion of the military vehicle simulation market.

Who Are The Leading Companies In The Military Vehicle Simulations Market?

Major players in the Military Vehicle Simulations Global Market Report 2025 include:

- Raytheon Technologies Corp.
- Boeing Co.
- Lockheed Martin Corporation
- General Dynamics Corp.
- Northrop Grumman Corp.
- Collins Aerospace Companies
- BAE Systems plc
- Thales Group
- L3Harris Technologies Inc.
- Leonardo S.p.A.

What Are The Prominent Trends In The Military Vehicle Simulations Market?

The prime entities within the military vehicle simulation sector are concentrating on forging strategic alliances to scale down operational expenses. These partnerships are enduring collaborations established by two or more companies with the intention of achieving mutual goals by benefiting from each other's prowess and means. An example of this is the union in January 2025 between Rheinmetall AG, a technology corporation based in Germany, and Bohemia Interactive Simulations (BISim), a Czech Republic firm specializing in military vehicle simulations. This partnership showcased an impressive initiative to elevate the technology within defense simulations. The objective of the alliance is to produce scalable, hyper-realistic and interoperable training environments conducive for a broad spectrum of mission circumstances, ranging from individual soldier schooling to comprehensive joint force maneuvers. Capitalising on BISim's modular simulation software and Rheinmetall's practical defense systems, the collaboration is on track to expedite advancements in synthesized training, equipping armed forces to train more efficiently, safely, and at a reduced cost in intricate, multiple domain operations.

What Are The Primary Segments Covered In The Global Military Vehicle Simulations Market Report?

The military vehicle simulations market covered in this report is segmented –

- 1) By Type: Military Vehicles Simulations Platforms, Military Vehicles Simulations Systems, Military Vehicles Simulations Maintenances, Other Types
- 2) By Vehicle Type: Armored Vehicles, Trucks and Transport Vehicles, Tanks, Light Tactical Vehicles, Reconnaissance Vehicles
- 3) By Technology: Artificial Intelligence, Augmented Reality, Virtual Reality, Cloud-Based Simulation, Data Analytics And Big Data
- 4) By Application: Training And Education, Mission Planning, Operational Support, Research And Development, Testing And Evaluation
- 5) By End User: Defense Forces, Government Agencies, Private Contractors, Educational Institutions, Research Organizations

Subsegments:

- 1) By Military Vehicles Simulations Platforms: Desktop-Based Simulation Platforms, Full Mission Simulators, Mobile Training Units, Cloud-Based Simulation Platforms
- 2) By Military Vehicles Simulations Systems: Driver Training Systems, Gunnery Training Systems, Command And Control Simulators, Navigation And Convoy Training Systems
- 3) By Military Vehicles Simulations Maintenances: Predictive Maintenance Simulation, Virtual Maintenance Trainers (VMT), Diagnostics And Repair Simulation, Troubleshooting Training Systems
- 4) By Other Types: Mixed Reality Simulators, Artificial Intelligence (AI)-Integrated Simulation Systems, Logistics And Supply Chain Simulators, Multi-Domain Integration Simulators

View the full military vehicle simulations market report:

<https://www.thebusinessresearchcompany.com/report/military-vehicle-simulations-global-market-report>

Which Region Is Forecasted To Grow The Fastest In The Military Vehicle Simulations Industry?

In the 2024 Military Vehicle Simulations Global Market Report, the Asia-Pacific region led with the largest market share. The report forecasts its growth status. The regions analyzed in the report include Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

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Oliver Guirdham

The Business Research Company

+44 7882 955267

[email us here](#)

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