

Artificial Intelligence (AI) in Military Training Market 2026: How Key Players Are Advancing the Sector

The Business Research Company's Artificial Intelligence (AI) in Military Training Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, March 6, 2026

/EINPresswire.com/ -- [The artificial intelligence \(AI\) in military training market](#)

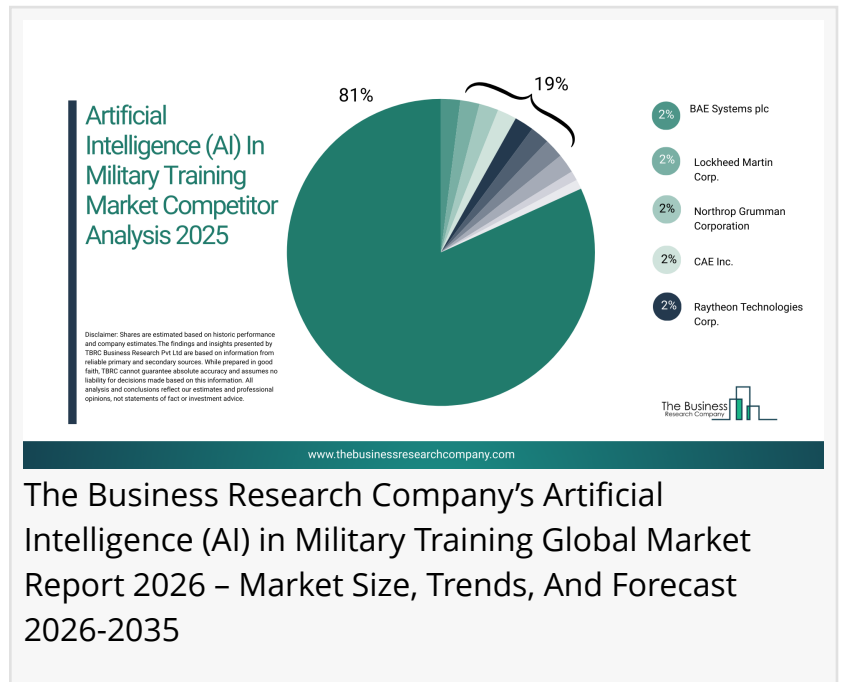
is dominated by a mix of global defense technology companies and specialized simulation and AI solution providers. Companies are focusing on advanced virtual and augmented reality platforms, AI-driven combat

simulation systems, autonomous training environments, real-time performance analytics, and secure data integration frameworks to strengthen market positioning and meet stringent defense standards. Emphasis on mission readiness, adaptive scenario-based training, interoperability with existing defense systems, and cybersecurity resilience remains central to competitive differentiation. Understanding the competitive landscape is critical for stakeholders seeking growth opportunities, technological advancement, and strategic collaborations within the rapidly evolving defense and military modernization ecosystem.

Which Market Player Is Leading the Artificial Intelligence (AI) In Military Training Market?

• According to our research, BAE Systems plc led global sales in 2024 with a 2% market share. The defense and electronic systems divisions of the company, which are directly involved in the artificial intelligence (AI) in military training market, provide advanced simulation platforms, AI-enabled mission rehearsal systems, virtual and augmented reality training environments, and data-driven performance analytics solutions that support combat readiness, operational effectiveness, and next-generation military training modernization.

Who Are The Major Players [In The Artificial Intelligence \(AI\) In Military Training Market?](#)



Major companies operating in the artificial intelligence (AI) in military training market BAE Systems plc, Lockheed Martin Corp., Northrop Grumman Corporation, CAE Inc., Raytheon Technologies Corp., The Boeing Company, Thales Group, Palantir Technologies Inc., Anduril Industries Inc., Leidos Group, Israel Aerospace Industries (IAI), General Dynamics Corp., Shield AI, Scale AI Inc., Calian, BigBear.ai Holdings Inc., Elbit Systems Ltd., Peraton, Soar Technology (SoarTech), Charles River Analytics Inc., International Business Machines Corp., Microsoft Corp., SimCentric Technologies Ltd., The ASTA Group, Athena AI, Inzpire Ltd.

How Concentrated Is The Artificial Intelligence (AI) In Military Training Market?

The market is fairly fragmented, with the top 10 players accounting for 19% of total market revenue in 2024. This level of concentration reflects high technological complexity and stringent defense procurement standards, driven by cybersecurity requirements, interoperability with legacy defense systems, classified data handling protocols, and advanced simulation engineering capabilities. Leading players such as BAE Systems plc, Lockheed Martin Corp., Northrop Grumman Corporation, CAE Inc., Raytheon Technologies Corp., The Boeing Company, Thales Group, Palantir Technologies Inc., Anduril Industries Inc., and Leidos Group hold notable market shares through advanced AI-enabled simulation platforms, mission rehearsal systems, data analytics capabilities, global defense partnerships, and continuous innovation in autonomous and immersive training technologies. As demand for adaptive combat training, real-time performance analytics, and AI-driven battlefield simulation grows, strategic collaborations, defense modernization programs, and technology integration initiatives are expected to further strengthen the competitive positioning of these leading companies in the market.

- Leading companies include:
 - o BAE Systems plc (2%)
 - o Lockheed Martin Corp. (2%)
 - o Northrop Grumman Corporation (2%)
 - o CAE Inc. (2%)
 - o Raytheon Technologies Corp. (2%)
 - o The Boeing Company (2%)
 - o Thales Group (2%)
 - o Palantir Technologies Inc. (2%)
 - o Anduril Industries Inc. (1%)
 - o Leidos Group (1%)

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Who Are The Key Raw Material Suppliers In The Artificial Intelligence (AI) In Military Training Market?

- Major raw materials suppliers in the artificial intelligence (AI) in military training market include NVIDIA Corporation, Intel Corporation, Advanced Micro Devices Inc. (AMD), Arm Limited,

Qualcomm Incorporated, Broadcom Inc., Texas Instruments Incorporated, NXP Semiconductors N.V., Micron Technology Inc., Samsung Electronics Co. Ltd., Teledyne FLIR LLC (Teledyne Technologies Incorporated), Vicon Motion Systems Ltd., NaturalPoint Inc. (OptiTrack), Varjo Technologies Oy, HTC Corporation (VIVE), Microsoft Corporation (HoloLens / Mixed Reality), Velodyne Lidar Inc., Ouster Inc., Palantir Technologies Inc., Appen Limited, Scale AI Inc., Amazon Web Services Inc. (AWS), Google LLC (Google Cloud Platform).

Who Are The Major Wholesalers And Distributors In The Artificial Intelligence (AI) In Military Training Market?

- Major wholesalers or distributors in the artificial intelligence (AI) in military training market include Avnet Inc., Arrow Electronics Inc., Digi-Key Electronics LLC, Mouser Electronics Inc., Future Electronics, RS Components (Electrocomponents plc), TD SYNEX Corporation, Ingram Micro Inc., Wesco International Inc., Heilind Electronics, CAE Inc., Cubic Corporation, Rheinmetall AG, Kongsberg Defence & Aerospace AS, Thales Group, Leonardo S.p.A., BAE Systems plc, General Dynamics Corporation, Lockheed Martin Corporation, Northrop Grumman Systems Corporation, L3Harris Technologies Inc., Booz Allen Hamilton Inc.

Who Are The Major End Users Of The Artificial Intelligence (AI) In Military Training Market?

- Major end users in the artificial intelligence (AI) in military training market include United States Department of Defense (DoD), United States Army, United States Navy, United States Air Force, United States Marine Corps, UK Ministry of Defence (MOD), British Army, NATO (North Atlantic Treaty Organization), Australian Department of Defence, Indian Ministry of Defence, French Ministry for the Armed Forces, German Federal Ministry of Defence (Bundeswehr), Israeli Ministry of Defense, Canadian Department of National Defence, Japanese Ministry of Defense, Republic of Korea Armed Forces, United States Special Operations Command (USSOCOM), Defense Advanced Research Projects Agency (DARPA), Federal Bureau of Investigation (FBI), FlightSafety International, Boeing Defence Space & Security, Airbus Defence and Space, Private Military Companies (e.g., Academi).

What Are the Major Competitive Trends In The Market?

- AI-powered training programs are designed to strengthen operational readiness, improve strategic decision-making, and ensure the seamless integration of AI-driven systems into defense operations.
- Example: In June 2025, the Nigerian Air Force (NAF) launched an intensive three-week artificial intelligence (AI) training program at the Air Force Research and Development Institute (AFRDI)
- Its immersive simulation modules, real-time data analytics dashboards, and scenario-based AI modeling enhance adaptive learning, improve mission planning accuracy, and strengthen tactical decision-making capabilities in dynamic combat environments.

Which Strategies Are Companies Adopting To Stay Ahead?

- AI Innovation Hubs To Advance Military Training And Strategic Decision-Making
- Government-Led AI Defense Initiatives Accelerating Innovation In Military Training
- Strategic Partnerships Strengthening AI-Driven Military Training Capabilities

- Integration of Agentic AI Systems Enhancing Autonomous Military Training and Mission Simulation
- Investments In AI-Powered Training Platforms To Strengthen Military Preparedness

Access The Detailed Artificial Intelligence (AI) In Military Training Market Report Here:

https://www.thebusinessresearchcompany.com/report/artificial-intelligence-ai-in-military-training-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Mar_PR

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