

# Smart Assault Rifle Market Size to Surpass USD 30.64 Billion by 2032 Owing to Increasing Geopolitical Tensions

*"The Rise of Smart Assault Rifles: Market Growth and Technological Innovation"*

AUSTIN, TX, UNITED STATES, November 15, 2024 /EINPresswire.com/ -- The [Smart Assault Rifle Market](#) size was USD 17.35 billion in 2023 and is expected to reach USD 30.64 billion by 2032, growing at a CAGR of 6.81% over the forecast period of 2024-2032.

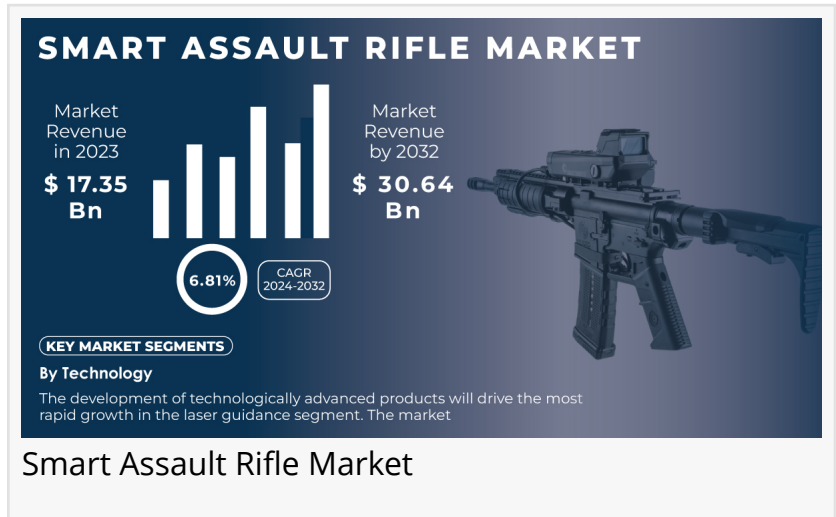
Smart Assault Rifles Revolutionize Warfare with Advanced Technologies for Precision and Safety

Smart technologies make the use and functionality of firearms optimal, providing soldiers with tools to conduct military operations more safely and efficiently. Protective features, functioning only by an authorized person, reduce risks of misuse, theft, or self-harm in smart assault rifles. These have various integrated safety features, such as biometric sensors, RFID (Radio Frequency Identification) chips, fingerprint recognition, machine locks, and magnetic kits. Furthermore, the armed forces introduce smart weaponry that is increasingly integrated with external applications which enhance the capabilities of the weapon through real-time data analysis, GPS tracking, and other tools to ensure precision accuracy, which further improves the safety of military operations.

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Growing Demand for Precision and Safety Fuel Expansion of the Smart Assault Rifle Market

Smart assault rifles are increasing the demand for advanced, accurate weaponry in modern war owing to geopolitical conflicts and the need for improved safety and effectiveness. Military forces increasingly feature smart weapons through biometric sensors and RFID technology to ensure that only authorized persons can use them. Infusion of GPS, infrared, and laser systems



enhances targeting, operational efficiency, and safety, making smart rifles superior to traditional firearms. Geopolitical tensions fuel the necessity for high-end weapons, and governments and defense manufacturing companies will see an opportunity to explore smart assault rifles. The market will expand in growing Asian-Pacific and Middle Eastern countries whose defense spending is increasing. Augmented reality and machine learning further bring new opportunities for integrated smart weapons, and upgrading legacy defense systems opens a much greater opportunity for replacing traditional firearms.

#### Key Players:

- Lockheed Martin Corporation
- Raytheon Technologies Corporation
- BAE Systems, PLC
- The Boeing Company
- L-3 Communications Holdings, Inc.
- MBDA, Inc
- General Dynamics Corporation
- Orbital ATK
- Thales Group
- Textron Inc
- Rheinmetall Ag

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#### Segment Analysis

##### By Technology

The laser guidance market is expected to grow at a tremendous pace in the coming years of the forecast period, with advanced technologies such as lasers being introduced on a large scale into the market, which have significantly enhanced precision and operational efficiency. In parallel, the satellite guidance segment is also envisioned to thrive quite suitably throughout the prediction period.

##### By Product

The Missile segment accounted for the largest market share and is expected to grow at the highest rate in the next forecast period. The reason is their incessant improvement in technology and global demand for more advanced missile systems.

##### By Technology:

- Laser
- Radar
- GPS
- Infrared
- Others

### By Platform:

- Air
- Land
- Naval

### By Product:

- Telescopic Sight
- Collimating Optical Sight
- Reflex Sight
- Missiles
- Munitions
- Guided Projectiles
- Guided Rockets
- Precision Guided Firearms

### Key Regional Development

North America has long been the leader in defense expenditure and technology advancement. The U.S. Department of Defense is among the world's biggest purchasers of smart weapons, which continues to mark the dominance of North America within the global market for smart assault rifles. The dominance of the region is further guaranteed by the presence of some of the major manufacturers, such as Lockheed Martin, Raytheon Technologies, and Northrop Grumman.

Asia-Pacific, however, is expected to grow at the fastest rate during the forecast period. With major investments by China, India, and Japan in their defense sectors, the region has become one of the leaders in the development and implementation of smart weaponry. Increased defense spending, especially in China and India, may be fueling demand for advanced military technologies, like smart assault rifles.

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### Recent Development

□ In August 2023, the leading defense contractors, including Lockheed Martin, Boeing, and Northrop Grumman, kept winning the bulk of the contracts in large increases. Such increases were supported by rising world defense spending and military modernization. Their consistent win streak in supplying advanced armaments, including smart assault rifles, kept them front-runners in the market.

□ In June 2024, BAE Systems Bofors demonstrates the Tridon Mk2 air-defense system at Eurosatory 2024. The system can deploy on both mobile and stationary platforms, where it possesses the functionality to target missiles, aircraft, and UAVs. The launch marks an important milestone in the development of advanced defense technologies in the market.

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