

Military GNSS Anti-Jamming Systems - Market and Technology Forecast to 2031

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Abstracts

With the increase of GNSS-dependent military platforms, there is an increase in jamming and interference devices to counter the efficiency of such platforms. There is rapid development in jammers and that forces countries especially those with electronic warfare to either modify and modernize existing GNSS systems or develop new ones to tackle growing jamming issues.

This study provides the transforming industry of GNSS anti-jamming solutions for military applications. It reveals the strategies behind new technology reforms of anti-jam antennas and receivers and provides market opportunities hidden in the latest technology developments.

The study discusses technology adoption patterns for new anti-jamming technologies in various military organizations across the world. The report throws light on how various countries are preparing themselves for the new norms in electronic warfare and issues of jamming electronic munitions, aircraft, and battleships.

Many platforms using conventional anti-jamming methods and algorithms will need to replace their old technologies. The change has begun and it will see an acceleration from 2024. Before that many platforms will run tests and pilot projects. Those who have already started with the tests will rule the new electronic warfare authority.

In the US and Europe, emphasis is more on the precision of PNT data by developing Assured PNT solutions is a growing field of technical and operation strategy. The US is stronger on developing APNT solutions and will be supplying the technology to European allies for laboratory and field testing from 2021. Anticipating the growing tensions in the South China Sea, the US is preparing a new set of satellites, ground

segment and anti-jamming, APNT solutions for ground, air, and seaborne platforms. The new solutions with anti-jamming and precision PNT capacities will be integrated into over 700 platforms

The study 'Military GNSS Anti-Jamming Systems - Market and Technology Forecast to 2031' offers a detailed analysis of the global military GNSS anti-jamming market over the next eight years, and provides market size forecasts. Furthermore, it covers key technological and market trends in the industry and analyzes factors influencing demand for Military GNSS Anti-jamming systems.

The GNSS anti-jamming market will grow from US\$ 775 million in 2023 to US\$ 2,960.7 million in 2031. The major growth of the market is anticipated from 2027 when the majority of deployments of new GNSS anti-jamming technology developments will take place in GPS Operational Control System (OCX), Assured PNT and M-code enabled antenna and receivers. You can learn more about these developments inside the report.

In particular, it provides an in-depth analysis of the following

Overview: Snapshot of the Military GNSS Anti-jamming market during 2021 - 2029, including highlights of the demand drivers, trends, and challenges. It also provides a snapshot of the spending concerning regions as well as by application, types, and platforms. It sheds light on the emergence of new platforms like APNT devices CRPA s and M-code enabled receivers.

Market Dynamics: Insights into the technological developments in the space programs and anti-jam antennas and receivers and a detailed analysis of the changing war preferences of defense agencies around the world. It also analyzes changing industry structure trends and the challenges faced by the industry participants.

Segment Analysis: Insights into the Military GNSS Anti-jamming market from a segmental perspective and a detailed analysis of factors influencing the market for each segment.

Regional Review: Insights into present Military GNSS Anti-jamming market strength and future demand for top countries within a region.

Regional Analysis: Insights into the Military GNSS Anti-jamming market from a regional perspective and a detailed analysis of factors influencing the market for

each region.

Trend Analysis - Key Defense Market: Analysis of the key markets in each region, providing an analysis of the Military GNSS Anti-jamming market platforms expected to be in demand in each region.

Key Program Analysis: Details of the top programs in the Military GNSS Anti-jamming market are expected to be executed during the forecast period.

Competitive landscape analysis: Analysis of competitive landscape of the global Military GNSS Anti-jamming market industry. It provides an overview of key defense companies, together with insights such as key alliances, strategic initiatives, and a brief financial analysis.

Segmentation covered in this report

The market is segmented based on Region, Platform, and Systems:

Regions

North America

South America

Europe

Middle East & Africa

Asia Pacific

Platform (by Type, System Element)

Aircraft

Maritime

Army Vehicles

Handheld Devices

Munitions

Systems

Antennas

Receivers

Software

Country Analysis

US

Europe

UK

Germany

Russia

China

Japan

India

Reasons to buy

Determine prospective investment areas based on a detailed trend analysis of the Military GNSS Anti-jamming market over the next eight years

Gain an in-depth understanding of the underlying factors driving demand for different Military GNSS Anti-jamming platforms in the top spending countries and other potential non-U.S. markets across the world and identify the opportunities offered by each of them

Strengthen your understanding of the market in terms of demand drivers, industry trends, and the latest technological developments, among others.

Identify the major channels that are driving the global Military GNSS Anti-jamming market, providing a clear picture of future opportunities that can be tapped, resulting in revenue expansion.

Channelize resources by focusing on the ongoing programs that are being undertaken by the defense ministries of different countries within the global Military GNSS Anti-jamming market.

Make correct business decisions based on thorough analysis of the total competitive landscape of the sector with detailed profiles of the Military GNSS Anti-jamming systems providers around the world which include information about their products, alliances, recent contract wins and financial analysis wherever available

Related studies:

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Hyperspectral Imaging - Market and Technology Forecast to 2030

Missiles - Market and Technology Forecast to 2029

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Global C4ISR - Market and Technology Forecast to 2027

Global Military Communications - Market and Technology Forecast to 2027

Global Surveillance Radars - Market and Technology Forecast to 2028

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