

Global GPS Anti-Jamming Market Size To Reach to USD 7.12 Billion by 2028 | CAGR of 7.6% - ZMR Report

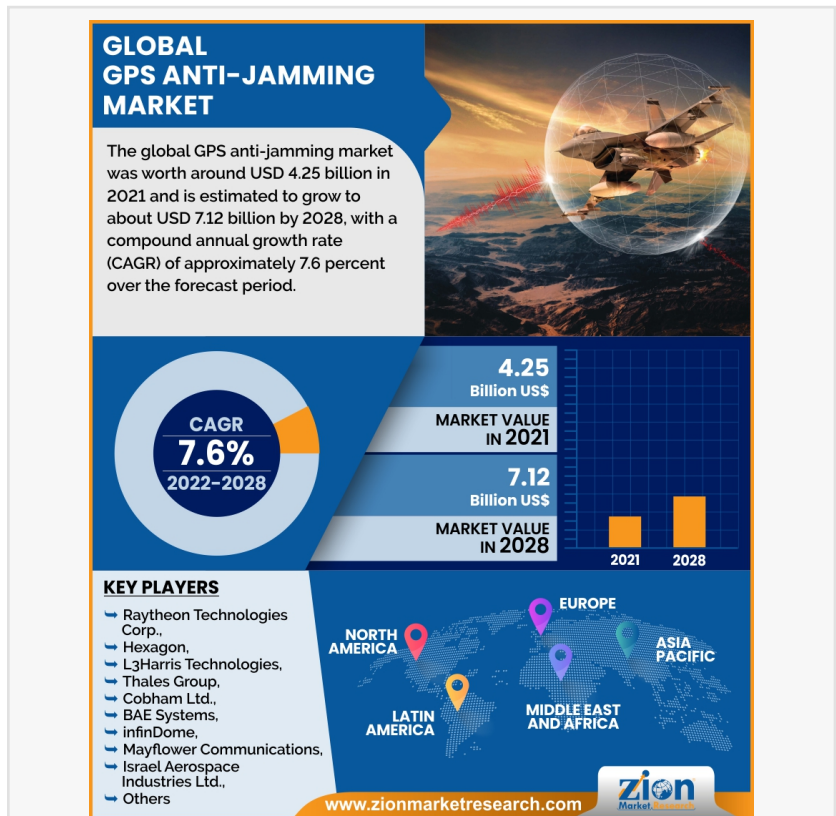
The global GPS anti-jamming market Size is estimated to grow to about \$7.12 bn by 2028, CAGR of approximately 7.6 percent over the forecast period.

SUITE N202, NEW YORK, UNITED STATES, December 14, 2022

/EINPresswire.com/ -- The [global GPS anti-jamming market Size](#) was worth around USD 4.25 billion in 2021 and is estimated to grow to about USD 7.12 billion by 2028, with a compound annual growth rate (CAGR) of approximately 7.6 percent over the forecast period.

GPS refers to the global positioning system through which signals sent from satellites are captured by special devices and are used to determine the position of an object or person on the earth's surface. Since GPS works as a wireless network, it is more susceptible to attacks from jammers causing major security and data breach. This is where anti-jammers come to play. They are used to reduce the interference and jamming effect through power minimization.

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Global GPS Anti-Jamming Market



Global GPS Anti-Jamming Market Size



According to ZMR Research, The global GPS anti-jamming market was worth around USD 4.25 billion in 2021 and is estimated to grow to about USD 7.12 billion by 2028 | a CAGR Of 7.6%”

Zion Market Research

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Updated Report Includes Top Market Players with their Business Strategy, Sales Volume, and Revenue Analysis

Zion Market Research Methodology

The global GPS anti-jamming market was affected negatively during Covid-19 owing to supply chain disruptions and overall reduced demand for the product during the initial phase. However, by the end of 2020, the global market picked up the pace and is projected to register a significant CAGR during the projection period.

With the rising political unrest across the globe for the past few years, world nations have been introducing various initiatives and measures for advancement in their respective military segments. One of the critical tools used by any military is the technologies deployed ranging from heavy artilleries to state-of-the-art technology. In fact, after Covid-19, governments have become more alert when it comes to the safety of their population which has surged the adoption of GPS technology in military applications.

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This is also aided by the growing number of private manufacturers who have been constantly upgrading GPS technology as well as GPS anti-jamming technology. The political scenario is also witnessing a change in the way government contracts were allotted earlier. There is a significant shift where national military agencies have become more accepting of private manufacturers thus encouraging their entry into the field of military technology applications.

With the rising number of anti-national activities in several parts, the surveillance segment has grown tremendously which has also propelled the use of GPS tracking. With the rise in such

activities, the number of GPS jamming has increased as well which ultimately has increased the demand for GPS anti-jamming technology. All of these reasons combined are expected to propel the global GPS anti-jamming market growth during the projection period.

Technical hindrances such as the incompatibility of old-generation GPS systems with the latest technologies may hamper the global market growth. On one hand, rising demand for Unmanned aerial vehicles (UAVs) and unmanned systems is projected to offer healthy growth opportunities for global market expansion, while on the other hand GPS spoofing is the major challenge for the expansion of the global market.

The global GPS anti-jamming market is categorized based on receiver type, technique, end-user, application, and region. Based on receiver type, the market is bifurcated into commercial transportation grade and military & government grade. By technique, the market is divided into beam steering, nulling, and civilian. The end-user segment of the market is bifurcated into military and civilian. The application segment covers flight control, surveillance & reconnaissance, position, navigation, & timing, targeting, casualty evacuation, and others.

North America has played a key role in military technological advancement for many decades. Their constant innovation and new technical additions in military technology applications have encouraged other regions to follow suit. In fact, the original Navstar System was owned by the government of the USA. The region has dominated the global GPS anti-jamming market in the past and is expected to do so in the coming years due to intensive funding received from the government for upgrading military infrastructure.

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Asia-Pacific is anticipated to register the highest CAGR during the forecast period because of rising anti-national activities in regions like India, Pakistan, and China, to name a few. This has forced the government to increase its surveillance and upgrade its military, especially the Air Force which is the largest consumer of GPS and GPS anti-jamming methods.

A few major players operating in the global GPS anti-jamming market include

Raytheon Technologies Corp.
Hexagon
L3Harris Technologies
Thales Group
Cobham Ltd.
BAE Systems
infinDome
Mayflower Communications

Israel Aerospace Industries Ltd.
Lockheed Martin Corp.
FURUNO ELECTRIC CO., LTD.
Meteksan Defense.

Recent Developments:

In July 2020, BAE Systems acquired Raytheon Technologies Corporation's Collins Aerospace Military Global Positioning System division bringing decades of knowledge, technological innovation, and a large installed base of equipment to the corporation.

Browse the full "GPS Anti-Jamming Market By Receiver Type (Military & Government Grade And Commercial Transportation Grade), Technique (Nulling, Beam Steering, And Civilian), End-User (Military And Civilian), Application (Flight Control, Surveillance & Reconnaissance, Position, Navigation & Timing, Targeting, Casualty Evacuation, And Others), And By Region – Global And Regional Industry Overview, Market Intelligence, Comprehensive Analysis, Historical Data, And Forecasts 2022 – 2028." Report at <https://www.zionmarketresearch.com/report/anti-jamming-market>

The global GPS anti-jamming market is segmented as follows:

By Receiver Type

Military & Government Grade
Commercial Transportation Grade

By Technique

Nulling
Beam Steering
Civilian

By End-User

Military
Civilian

By Application

Flight Control
Surveillance and Reconnaissance
Position
Navigation and Timing

Targeting
Casualty Evacuation
Other

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By Region

- North America
- The U.S.
- Canada
- Europe
- France
- The UK
- Spain
- Germany
- Italy
- Rest of Europe
- Asia Pacific
- China
- Japan
- India
- South Korea
- Southeast Asia
- Rest of Asia Pacific
- Latin America
- Brazil
- Mexico
- Rest of Latin America
- Middle East & Africa
- GCC
- South Africa
- Rest of the Middle East & Africa

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Methodology

The qualitative analysis involved primary interviews, surveys, and vendor briefings. The data gathered as a result of these processes were validated through experts' opinions. The market dynamics have been determined after conducting a detailed study of the micro and macroeconomic indicators of the market.

Various parameters have been taken into account while estimating market size. The revenue generated by the leading industry participants in from the sales of GPS Anti-Jamming Market across the world has been calculated through primary and secondary research.

For this study, Zion Market Research has conducted all-encompassing primary research with key industry participants to collect the first data. Moreover, in-depth interviews with key opinion leaders also assisted in the validation of findings from secondary research and to understand key trends in the GPS Anti-Jamming Market. Primary research makes up the major source of data collection and validation.

FREQUENTLY ASKED QUESTIONS

1) Which key factors will influence GPS anti-jamming market growth over 2022-2028?

Ans - Increasing adoption of GPS technology in military applications is projected to boost the market growth. Military forces throughout the world are always on the hunt for new, improved technologies to assure precise navigation utilizing GPS technology. Mayflower Communications, for example, was given a USD 56 million deal for a GPS navigation antenna system in October 2020. The technology will be employed by the United States military and is expected to be

completed in September 2024. Moreover, the Navigation Antenna (MAGNA) and Multi-Platform Anti-Jam Global Positioning System, which offers GPS protection, is the subject of this contract. Furthermore, Raytheon UK and the UK Ministry of Defense inked a deal in July 2020 to develop enhanced GNSS anti-jamming technology. Such initiatives are expected to fuel market growth over the forecast period.

2) What will be the value of the GPS anti-jamming market during 2022-2028?

Ans -According to the Zion Market Research report, the global GPS anti-jamming market was worth about 4.25 (USD billion) in 2021 and is predicted to grow to around 7.12 (USD billion) by 2028, with a compound annual growth rate (CAGR) of around 7.6 percent.

3) Which region will contribute notably towards the GPS anti-jamming market value?

Ans - North America leads the global GPS anti-jamming market in terms of market share. This is due to escalating demand for weapon systems, the increasing existence of top players in the anti-jamming market, growing demands for miniaturization of GNSS-based anti-jamming devices, and growing dependence on satellite communication for numerous military operations in this region.

4) Which are the major players leveraging the GPS anti-jamming market growth?

Ans - A few major players operating in the global GPS anti-jamming market include Raytheon Technologies Corp., Hexagon, L3Harris Technologies, Thales Group, Cobham Ltd., BAE Systems, infinDome, Mayflower Communications, Israel Aerospace Industries Ltd., Lockheed Martin Corp., FURUNO ELECTRIC CO., LTD., and Meteksan Defense.

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