Anti-Jamming Market for GPS by Technique (Nulling System, Beam Steering System, Civilian System), Receiver Type (Military & Government Grade, Commercial Transportation Grade), Application, End User, and Geography - Global Forecast to 2022

Description:
The Anti-jamming market for GPS is expected to reach USD 4.80 billion (in terms of value) and 309.2 thousand units (in terms of volume) by 2022, at a CAGR of 7.0% and 10.1%, respectively, between 2016 and 2022. The demand for a secured weapons guided system, and increasing vulnerability of GPS signals due to development of low cost GPS jammers are the major drivers for growth of the market.

The reason for flight control application to be the largest segment in the military-based airborne end user is because flight control is the most critical application for aerial platforms to operate on GPS signals and they are expected to be completely immune to GPS jamming signals.

The market in North America is expected to grow at a moderate rate in the overall market till 2022. The combination of multiple factors makes North America the most dynamic region in the Anti-jamming market for GPS. The reason for the North America region to be the dominant market is because it is home to some of the top players in the Anti-jamming market for GPS such as Rockwell Collins, Inc. (U.S.), The Raytheon Company (U.S.) and NovAtel, Inc. (Canada). Moreover, the U.S. has the most powerful military in the world.

In the process of determining and verifying the market size for several segments and sub segments of the Anti-jamming market for GPS gathered through the secondary research, extensive primary interviews have been conducted with key people. The breakup of the profiles of primary participants is shown below:

- By Company Type: Tier 1 - 20%, Tier 2 - 45%, and Tier 3 - 35%
- By Designation: C-Level Executives- 35%, Directors- 25%, and Others - 40%
- By Region: North America - 30%, Europe - 20%, APAC - 45%, and RoW - 5%

The geographic segmentation in the report covers the four major regions of the world, namely, North America, Europe, APAC, and RoW. The report also profiles major players in the Anti-jamming market for GPS. Some of the major players in this market are Rockwell Collins (U.S.), The Raytheon Company (U.S.), NovAtel, Inc. (U.S.), Cobham plc (U.K.), Mayflower Communications Company (U.S.), BAE Systems (U.K.), Furuno Electric Company Ltd (Japan), Harris Corporation (U.S.), Lockheed Martin (U.S.), Thales Group (France), The Boeing Company (U.S.), and U-Blox (Switzerland).

Reasons to Buy the Report:
This report caters to the needs of leading companies, industries, component manufacturers, and other related stakeholders in this market. Other parties that could benefit from the report include government bodies, environmental agencies, consulting firms, business development executives, C-level executives, and VPs. Our report would help analyze new opportunities and potential revenue sources and enhance the decision-making process for new business strategies. The quantitative and qualitative information in the report, along with our comprehensive analysis, would help a player to gain a competitive edge in the market.

Contents:
1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Study Scope
      1.3.1 Markets Covered
      1.3.2 Geographic Scope
      1.3.3 Years Considered for the Study
   1.4 Currency
   1.5 Package Size
   1.6 Limitations
7.3 Commercial Transportation Grade

8 Anti-Jamming for GPS Market, By Anti-Jamming Techniques
8.1 Introduction
8.2 Nulling Systems
8.3 Beam Steering Systems
8.4 Civilian Systems

9 Anti-Jamming for GPS Market, By Application
9.1 Introduction
9.2 Flight Control
9.3 Surveillance & Reconnaissance
9.4 Position, Navigation & Timing
9.5 Targeting
9.6 Casualty Evacuation (Casevac)
9.7 Other Applications
9.7.1 Timing Installations
9.7.2 Logistics Tracking
9.7.3 Law Enforcement

10 Anti-Jamming for GPS Market, By End-User
10.1 Introduction
10.2 Military
10.2.1 Airborne
10.2.2 Ground
10.2.3 Naval
10.2.4 Unmanned vehicles
10.3 Civilian Anti-Jamming Systems

11 Anti-Jamming for GPS Market, By Geography
11.1 Introduction
11.2 North America
11.2.1 U.S.
11.2.1.1 New Budgetary Blue Prints By the Department of Defense
11.2.2 Canada
11.2.2.1 Testing of GPS Anti-Jamming Systems By the Canadian Army
11.3 Europe
11.3.1 U.K.
11.3.1.1 Demand for Secured Guidance Systems for the Royal Armed Forces
11.3.2 Germany
11.3.2.1 Modernization of Law Enforcement Agencies in Germany
11.3.3 France
11.3.3.1 Threat of Terrorist Activities
11.3.4 Rest of Europe
11.3.4.1 Nato Countries
11.4 Asia-Pacific
11.4.1 Japan
11.4.1.1 Threat From North Korea and Disputes With China
11.4.2 South Korea
11.4.2.1 Threat From North Korea
11.4.3 Australia
11.4.3.1 Increased Security Cooperation With Nato
11.4.4 Rest of APAC
11.4.4.1 Dispute in the South China Sea
11.5 Rest of the World
11.5.1 The Crisis in Syria and Isis

12 Competitive Landscape
12.1 Introduction
12.2 Ranking of Market Players, 2015
12.3 Competitive Scenario and Trends
12.3.1 New Product Launches and Contracts
12.3.2 Alliances, Business Expansions, and Awards
12.3.3 Mergers & Acquisitions

13 Company Profiles
13.1 Introduction
13.2 Rockwell Collins
13.3 The Raytheon Company
13.4 Novatel Inc.
13.5 Cobham PLC.
13.6 Mayflower Communications Company Inc
13.7 BAE Systems PLC
13.8 Furuno Electric Company Ltd
13.9 Harris Corporation
13.10 Lockheed Martin
13.11 Thales Group
13.12 The Boeing Company
13.13 U-Blox

14 Appendix

List of Tables (65 Tables)

<table>
<thead>
<tr>
<th>Table</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Table 1</td>
<td>GPS Anti-Jamming Market, By Receiver Type, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 2</td>
<td>Market for Military &amp; Government Grade Receivers, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 3</td>
<td>Market for Commercial Transportation Grade Receivers, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 4</td>
<td>Market, By Anti-Jamming Technique, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 5</td>
<td>Market, By Anti-Jamming Techniques, 2013-2022 (Thousand Units)</td>
</tr>
<tr>
<td>Table 6</td>
<td>Market for Nulling System Technique, By Military End-User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 7</td>
<td>Market for Nulling System Technique By Military End User, 2013-2022 (In Thousand Units)</td>
</tr>
<tr>
<td>Table 8</td>
<td>Market for Beam Steering Systems Technique, By Military End User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 9</td>
<td>Market for Beam Steering Systems Technique, By Military End User, 2013-2022 (In Thousand Units)</td>
</tr>
<tr>
<td>Table 10</td>
<td>Market, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 11</td>
<td>Market for Flight Control Application, By Military End User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 12</td>
<td>Market for Flight Control Application, By Receiver Type, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 13</td>
<td>Market for Surveillance &amp; Reconnaissance Application, By End User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 14</td>
<td>Market for Surveillance &amp; Reconnaissance, By Receiver Type, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 15</td>
<td>Market for Position, Navigation &amp; Timing, By End-User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 16</td>
<td>Market for Position, Navigation &amp; Timing, By Receiver Type, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 17</td>
<td>Market for Targeting Application, By Military End User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 18</td>
<td>Market for Targeting Application, By Receiver Type, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 19</td>
<td>Market for Casualty Evacuation, By End User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 20</td>
<td>Market for Casualty Evacuation, By Receiver Type, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 21</td>
<td>Market for Other Applications, By End User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 22</td>
<td>Market for Other Applications, By Receiver Type, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 23</td>
<td>Market, By End-User, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 24</td>
<td>Market, By End User, 2013-2022 (Thousand Units)</td>
</tr>
<tr>
<td>Table 25</td>
<td>Market for Military-Based Airborne Segment, By Region, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 26</td>
<td>Market for Military-Based Airborne Segment, By Region, 2013-2022 (Units)</td>
</tr>
<tr>
<td>Table 27</td>
<td>Market for Military-Based Airborne Segment, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 28</td>
<td>GPS Anti-Jamming Market for Military-Based Airborne Segment, By Anti-Jamming Technique, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 29</td>
<td>Market for Military-Based Airborne Segment, By Anti-Jamming Technique, 2013-2022 (Thousand Units)</td>
</tr>
<tr>
<td>Table 30</td>
<td>Market for Military-Based Ground Segment, By Region, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 31</td>
<td>Market for Military-Based Ground Segment, By Region, 2013-2022 (Thousand Units)</td>
</tr>
<tr>
<td>Table 32</td>
<td>Market for Military-Based Ground Segment, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 33</td>
<td>GPS Anti-Jamming Market for Military-Based Ground Segment, By Anti-Jamming Technique, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 34</td>
<td>Market for Military-Based Ground Segment, By Anti-Jamming Technique, 2013-2022 (Thousand Units)</td>
</tr>
<tr>
<td>Table 35</td>
<td>Market for Military-Based Naval Segment, By Region, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 36</td>
<td>Market for Military-Based Naval Segment, By Region, 2013-2022 (Units)</td>
</tr>
<tr>
<td>Table 37</td>
<td>Market for Military-Based Naval Segment, By Application, 2013-2022 (USD Million)</td>
</tr>
<tr>
<td>Table 38</td>
<td>Market for Military-Based Naval Segment, By Anti-Jamming Technique, 2013-2022 (USD Million)</td>
</tr>
</tbody>
</table>
Table 39 Market for Military-Based Naval Segment, By Anti-Jamming Technique, 2013-2022 (Thousand Units)
Table 40 Market for Military-Based Unmanned Vehicles Segment, By Region, 2013-2022 (USD Million)
Table 41 Market for Military-Based Unmanned Vehicles Segment, By Region, 2013-2022 (Units)
Table 42 Market for Military-Based Unmanned Vehicles Segment, By Application, 2013-2022 (USD Million)
Table 43 Market for Military-Based Unmanned Vehicles Segment, By Anti-Jamming Technique, 2013-2022 (USD Million)
Table 44 GPS Anti-Jamming Market for Military-Based Unmanned Vehicles Segment, By Anti-Jamming Technique, 2013-2022 (Thousand Units)
Table 45 Market for Civilian Based Segment, By Region, 2013-2022 (USD Million)
Table 46 Market for Civilian Based Segment, By Region, 2013-2022 (Units)
Table 47 Market for Civilian Based Segment, By Application, 2013-2022 (USD Million)
Table 48 Market Size, By Region, 2013-2022 (USD Million)
Table 49 Market Size, By Geography, 2013-2022 (Thousand Units)
Table 50 GPS Anti-Jamming Market in North America, By End User, 2013-2022 (USD Million)
Table 51 Market in North America, By End User, 2013-2022 (Thousand Units)
Table 52 Market in North America, By Country, 2013-2022 (USD Million)
Table 53 Market in Europe, By End User, 2013-2022 (USD Million)
Table 54 Market in Europe, By End User, 2013-2022 (Thousand Units)
Table 55 GPS Anti-Jamming Market in Europe, By Country, 2013-2022 (USD Million)
Table 56 Market in APAC, By End User, 2013-2022 (USD Million)
Table 57 Market in APAC, By End User, 2013-2022 (Thousand Units)
Table 58 Market in RoW, By End User, 2013-2022 (USD Million)
Table 59 Market in RoW, By End User, 2013-2022 (Thousand Units)
Table 60 Market in RoW, By Region, 2013-2022 (USD Million)
Table 61 Market in RoW, By Region, 2013-2022 (Thousand Units)
Table 62 Ranking in the GPS Anti-Jamming, 2015
Table 63 New Product Launches & Contracts in GPS Anti-Jamming Market, 2016
Table 64 Alliances, Business Expansions, and Awards in the GPS Anti-Jamming Market, 2015-2016
Table 65 Mergers & Acquisitions in the Market, 2014-2016

List of Figures (68 Figures)

Figure 1 GPS Anti-Jamming Market Segmentation
Figure 2 Research Design
Figure 3 Market Size Estimation Methodology: Bottom-Up Approach
Figure 4 Market Size Estimation Methodology: Top-Down Approach
Figure 5 Data Triangulation
Figure 6 Market (Value and Volume), 2016-2022
Figure 7 Military-Based Airborne Segment to Hold the Largest Size in the GPS Anti-Jamming Market During the Forecast Period
Figure 8 Nulling Systems Techniques in Market Expected to Hold the Largest Size in Terms of Value, By 2022
Figure 9 Market for Flight Control Expected to Be the Largest in the Application Segment By 2022
Figure 10 North America Accounted for the Largest Market Share in 2015
Figure 11 Lucrative Opportunities in the Global Market Owing to the Prevalence of Unmanned Aerial Vehicles in the Military During the Forecast Period
Figure 12 Military & Government Grade Receivers to Hold A Large Market Share During the Forecast Period
Figure 13 Civilian Anti-Jamming Techniques Expected to Exhibit High Growth During the Forecast Period
Figure 14 Flight Control Applications to Hold the Largest Size for GPS Anti-Jamming Market During the Forecast Period
Figure 15 Military: Airborne End-User Segment for GPS Anti-Jamming Market is Expected to Be the Largest Market By 2022
Figure 16 Market, By Geography North America to Dominate the Market for GPS Anti-Jammers During the Forecast Period
Figure 17 Market, By Geography
Figure 18 Market Dynamics: Overview
Figure 19 Number of Navigation Satellites Launched as of July, 2016
Figure 20 Market: Value Chain Analysis
Figure 21 Vertical Integration - the Leading Trend Among Key Market Players
Figure 22 Porter's Five Forces Analysis for the Market
Figure 23 Porter's Five Forces: Impact Analysis
Figure 24 Bargaining Power of Suppliers in the Market, 2015
Figure 25 Bargaining Power of Buyers in the Market, 2015
Figure 26 Threat of New Entrants in the Market, 2015
Figure 27 Threat of Substitutes in the GPS Anti-Jamming Market, 2015
Figure 28 Competitive Rivalry in the Market, 2015
Figure 29 Market, By Receiver Types
Figure 30 Commercial Transportation Grade Receivers, By Application, (2016-2022)
Figure 31 Market, By Anti-Jamming Techniques
Figure 32 Unmanned Vehicles in Military to Grow at the Highest Rate in the GPS Anti-Jamming Market for Nulling Systems During the Forecast Period
Figure 33 Unmanned Vehicles to Grow at the Highest Rate in Military for Beam Steering Systems Market During the Forecast Period
Figure 34 Civilian Systems: Market, By End User, (2013-2022)
Figure 35 Market, By Application
Figure 36 Military & Government Grade Receivers to Hold A Large Size in the GPS Anti-Jamming Market for Flight Control Application Between 2016 and 2022
Figure 37 Military-Based Ground End Users Expect to Dominate GPS Anti-Jamming Market for Position, Navigation & Timing Application During Forecast Period
Figure 38 Military and Government Grade to Dominate the Market for Receiver Type During the Forecast Period
Figure 39 Market, By End User
Figure 40 North America Expected to Dominate the Military-Based Airborne Segment in the Market Between 2016 and 2022
Figure 41 Nulling Systems are Expected to Dominate the Military-Based Ground Segment in the Market
Figure 42 The Market for Civilian GPS Anti-Jamming Expected to Grow at A High Rate (2013-2022)
Figure 43 GPS Anti-Jamming Market in Australia Estimated to Grow at the Highest Rate During the Forecast Period
Figure 44 North America: Market Snapshot
Figure 45 Europe: Market Snapshot
Figure 46 Asia-Pacific: Market Snapshot
Figure 47 Companies Adopted Product Innovation as the Key Growth Strategy
Figure 48 Market Evaluation Framework: Contracts and Alliances Fueled Growth and Innovation Between 2013 and 2015
Figure 49 Battle for Market Share: New Product Launches & Expansions Were the Key Strategies Adopted Between 2013 and 2015
Figure 50 Geographic Revenue Mix of the Major Players in the GPS Anti-Jamming Market, 2015
Figure 51 Rockwell Collins: Company Snapshot
Figure 52 Rockwell Collins SWOT Analysis
Figure 53 The Raytheon Company: Company Snapshot
Figure 54 The Raytheon Company SWOT Analysis
Figure 55 Novatel Inc. SWOT Analysis
Figure 56 Cobham PLC: Company Snapshot
Figure 57 Cobham PLC : SWOT Analysis
Figure 58 Mayflower Communication Company Inc SWOT Analysis
Figure 59 BAE Systems: Company Snapshot
Figure 60 Furuno Electric Company Ltd: Company Snapshot
Figure 61 Furuno Electric Company Ltd. SWOT Analysis
Figure 62 Harris Corporation.: Company Snapshot
Figure 63 Harris Corporation SWOT Analysis
Figure 64 Lockheed Martin: Company Snapshot
Figure 65 Thales Group: Business Overview
Figure 66 The Boeing Company: Company Snapshot
Figure 67 The Boeing Company SWOT Analysis
Figure 68 U-Blox: Company Snapshot

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/3815882/](http://www.researchandmarkets.com/reports/3815882/)
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Anti-Jamming Market for GPS by Technique (Nulling System, Beam Steering System, Civilian System), Receiver Type (Military & Government Grade, Commercial Transportation Grade), Application, End User, and Geography - Global Forecast to 2022
Web Address: http://www.researchandmarkets.com/reports/3815882/
Office Code: SC2G8VZP

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td></td>
<td>USD 5650</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td></td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) - Site License:</td>
<td></td>
<td>USD 8150</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide:</td>
<td></td>
<td>USD 10000</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof [ ]
First Name: ____________________________ Last Name: ____________________________
Email Address: * ____________________________
Job Title: ____________________________
Organisation: ____________________________
Address: ____________________________
City: ____________________________
Postal / Zip Code: ____________________________
Country: ____________________________
Phone Number: ____________________________
Fax Number: ____________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code:

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World