The Military and Civil Aviation Passive Radar Market: 2013 - 2023

Description:
Passive radar is different from traditional forms of radar in that it does not emit any electromagnetic radiation. Instead, it relies on reflections from other electromagnetic signals in the atmosphere in order to provide a radar picture. Passive radar provides a number of distinct advantages that will allow it to corner a significant portion of defense, homeland security, and civilian radar markets. In addition to cost-efficiency, passive radar is also covert, an effective counter to stealth technologies, and environmentally friendly.

The market for passive radar is still in its infancy, and few companies have developed effective, marketable systems. However, as the technology becomes more sophisticated and affordable, more and more competitors can be expected to enter the market, particularly in defense and homeland security.

By the end of 2023, it is expected passive radar technology investments will account for more than $10 billion in revenue, following a CAGR of nearly 36% between 2013 and 2023. This report focuses on the two markets where passive radar technology has the greatest potential: civilian aviation and military radar applications.

'The Military and Civil Aviation Passive Radar Market: 2013 - 2023' presents vendor strategies, overall depictions of potential growth in both sectors, as well as detailed qualitative and quantitative analysis of global and regional drivers and limitations on market potential from 2013 till 2023.

The report comes with an associated excel datasheet covering quantitative data from all revenue projection forecasts presented within the report.

Key Findings:
- At present, the market for passive radar is still in its infancy, and few companies have developed effective, marketable systems.
- Overall spending on passive radar technology will surpass $10 Billion annually by the end of 2023.
- The flexibility of deployment, together with stealth and surveillance capabilities will drive passive radar investments to comprise nearly 41% of the total military radar spending between 2013 and 2023.
- Cost efficiency, spectrum congestion and emerging urban applications are the key drivers impelling passive radar investments in civil aviation.

Topics Covered:
- The business case for passive radar technologies
- Market drivers and limitations for civilian aviation and military applications
- Profiles and strategies of key industry players
- Global and regional market forecasts for passive radar investments:
  - Submarket forecasts are categorized in the following two categories:
    -- Military & Homeland Security passive radar market
    -- Civil Aviation passive radar market
- Regional forecasts are categorized in the following six categories:
  -- North America
  -- Asia Pacific
  -- Europe
  -- Middle East
  -- Africa
  -- Latin & Central America

Key Questions Answered:
- How big is the opportunity for passive radar technology and what is the size of the total addressable market?
- What are the key military and civil aviation applications of passive radar technology?
- What are the market drivers and barriers for the adoption of passive radar technology?
- Which region will witness the highest level of investments and growth on passive radar?
- Which key industry players are investing in passive radar technology?

Contents:

1 Chapter 1: Introduction
   1.1 Executive Summary
   1.2 Topics Covered
   1.3 Key Questions Answered
   1.4 Key Findings
   1.5 Methodology
   1.6 Target Audience
   1.7 Companies Mentioned

2 Chapter 2: An Overview of Passive Radar Technology
   2.1 Passive Radar
      2.1.1 What is passive radar?
      2.1.2 Passive Coherent Location
      2.1.3 The Need for Sophisticated Software Processing
      2.1.4 Passive Coherent Location vs EMA and PESA
   2.2 Market Outlook
      2.2.1 An Infant Market
      2.2.2 Future Opportunities: A $10 Billion Market by 2023

3 Chapter 3: Passive Radar in Civil Aviation
   3.1 General Market Characteristics
      3.1.1 Safety Regulations: Major Constraint
      3.1.2 Applications: Air Traffic Control
      3.1.3 Savings Potential: Market Driver
   3.2 Market Valuation
      3.2.1 The Average Contract Value for an Airport Radar System
      3.2.2 The Total Addressable Market: 879 Airports Worldwide
      3.2.3 How Big is Civil Aviation Passive Radar Opportunity?
      3.2.4 What is the regional outlook?
   3.3 Civil Aviation: Market Limitations
      3.3.1 Safety Considerations
      3.3.2 Economic Factors
      3.3.3 System Capabilities
   3.4 Civil Aviation: Market Drivers
      3.4.1 Regulation
      3.4.2 Market Expansion
      3.4.3 Urban Applications
      3.4.4 Spectrum Usage
   3.5 Regional Market Analysis
      3.5.1 North America
      3.5.2 Asia Pacific
      3.5.3 Europe
      3.5.4 Middle East
      3.5.5 Latin & Central America
      3.5.6 Africa

4 Chapter 4: Passive Radar in the Military
   4.1 General Market Characteristics
      4.1.1 Healthy Outlook for Radar Investments despite Spending Cuts
      4.1.2 Is ‘Target Acquisition’ on the Passive Radar Roadmap?
      4.1.3 Surveillance Requirements Are Fuelling Growth
   4.2 General Spending Trends
      4.2.1 Expansion Trends: Ground, Airborne and Naval Surveillance
      4.2.2 Short Term Deployments
      4.2.3 Long Term ‘Persistent Surveillance” Deployments
   4.3 Market Valuation
      4.3.1 Passive Radar to Comprise 41% of the Total Radar Market
      4.3.2 How big is the passive radar market for Military applications?
      4.3.3 What is the regional outlook?
4.4 Military Market: Market Drivers
4.4.1 Stealth Applications
4.4.2 Surveillance Capabilities
4.4.3 Flexibility of Deployment
4.5 Military Market: Market Limitations
4.5.1 System Limitations
4.5.2 Complexity of Deployment and Systems Control
4.6 Regional Market Analysis
4.6.1 North America
4.6.2 Europe
4.6.3 Asia Pacific
4.6.4 China
4.6.5 Africa
4.6.6 Middle East
4.6.7 Latin & Central America

5 Chapter 5: Company Profiles
5.1 Smaller Competitors
5.2 Dominant Market Players
5.3 Cassidian
5.4 Indra
5.5 Lockheed Martin
5.6 Raytheon
5.7 Selex ES
5.8 Thales

6 Chapter 6: Additional Forecasts & Conclusion
6.1 Conclusion ...
6.2 Additional Forecasts
6.2.1 North America
6.2.2 Europe
6.2.3 Asia Pacific
6.2.4 Middle East
6.2.5 Africa
6.2.6 Latin & Central America

List of Figures

Figure 1: Passive vs Active Radar Technology Comparison
Figure 2: Global Spending on Passive Radar Technology by Submarket (Military & Homeland Security, Civil Aviation): 2013 – 2023 ($ Million)
Figure 3: Civil Aviation Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 4: Regional Market Share of Passive Radar Spending in Civil Aviation: 2023 (%)
Figure 5: Civil Aviation Passive Radar Spending by Region: 2013 – 2023 ($ Million)
Figure 6: North America Civil Aviation Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 7: Asia Pacific Civil Aviation Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 8: Europe Civil Aviation Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 9: Middle East Civil Aviation Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 10: Latin & Central America Civil Aviation Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 11: Africa Civil Aviation Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 12: Military & Homeland Security Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 13: Regional Market Share of Military & Homeland Security Passive Radar Spending: 2023 (%)
Figure 14: Military & Homeland Security Passive Radar Spending by Region: 2013 – 2023 ($ Million)
Figure 15: North America Military & Homeland Security Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 16: Europe Military & Homeland Security Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 17: Asia Pacific Military & Homeland Security Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 18: Africa Military & Homeland Security Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 19: Middle East Military & Homeland Security Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 20: Latin & Central America Military & Homeland Security Passive Radar Spending: 2013 – 2023 ($ Million)
Figure 21: North America Passive Radar Spending by Submarket (Military & Homeland Security, Civil Aviation): 2013 – 2023 ($ Million)
Figure 22: Europeon Passive Radar Spending by Submarket (Military & Homeland Security, Civil Aviation):
2013 – 2023 ($ Million)
Figure 23: Asia Pacific Passive Radar Spending by Submarket (Military & Homeland Security, Civil Aviation): 2013 – 2023 ($ Million)
Figure 24: Middle East Passive Radar Spending by Submarket (Military & Homeland Security, Civil Aviation): 2013 – 2023 ($ Million)
Figure 25: Africa Passive Radar Spending by Submarket (Military & Homeland Security, Civil Aviation): 2013 – 2023 ($ Million)
Figure 26: Latin & Central America Passive Radar Spending by Submarket (Military & Homeland Security, Civil Aviation): 2013 – 2023 ($ Million)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2598562/
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: The Military and Civil Aviation Passive Radar Market: 2013 - 2023
Web Address: http://www.researchandmarkets.com/reports/2598562/
Office Code: SCDKVZBL

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

<table>
<thead>
<tr>
<th>Format</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User</td>
<td></td>
<td>USD 2500</td>
</tr>
<tr>
<td>Electronic (PDF) - Enterprisewide</td>
<td></td>
<td>USD 3500</td>
</tr>
</tbody>
</table>

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