

Global Synthetic Aperture Radar (SAR) Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

Synthetic aperture radar market refers to the space and air-based SAR that functions on the principle of transmission and reception of the reflected signals that interact with the ground and aid in the imaging, tracking, detection and characterization. SAR finds significant applications over the conventional electro optical (EO) imaging systems, primarily owing to microwaves being able to penetrate through clouds and provide consistent 24 hour, all weather data efficiency.

Scope of the Report:

This report studies the Synthetic Aperture Radar (SAR) market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Synthetic Aperture Radar (SAR) market by product type and applications/end industries.

The increasing investments in surveillance and attack unmanned aerial vehicle (UAVs) is one of the primary factors for the synthetic aperture radar market growth. Owing to technological advancements and the significance of UAVs in security countermeasure operations, there is an increasing integration of UAVs with electronics such as the command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4IRS) systems that support military operations. Additionally, with advancements in tactical control system software, the ground station controllers can also seamlessly receive or control information from UAVs. Furthermore, the software also provides the operator with necessary tools for planning, tasking, and executing missions, computer-related communications, data processing, and data dissemination.

The global Synthetic Aperture Radar (SAR) market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of xx% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Synthetic Aperture Radar (SAR).

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

Airbus Defence and Space

Israel Aerospace Industries (IAI)

Lockheed Martin

Northrop Grumman

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Space Based SAR

Air Based SAR

Market Segment by Applications, can be divided into

Aerospace & Defense

Scientific Research

Agriculture

Energy

Financial Commodity

Shipping and Transportation

Contents

1 SYNTHETIC APERTURE RADAR (SAR) MARKET OVERVIEW

- 1.1 Product Overview and Scope of Synthetic Aperture Radar (SAR)
- 1.2 Classification of Synthetic Aperture Radar (SAR) by Types
 - 1.2.1 Global Synthetic Aperture Radar (SAR) Revenue Comparison by Types (2017-2023)
 - 1.2.2 Global Synthetic Aperture Radar (SAR) Revenue Market Share by Types in 2017
 - 1.2.3 Space Based SAR
 - 1.2.4 Air Based SAR
- 1.3 Global Synthetic Aperture Radar (SAR) Market by Application
 - 1.3.1 Global Synthetic Aperture Radar (SAR) Market Size and Market Share Comparison by Applications (2013-2023)
 - 1.3.2 Aerospace & Defense
 - 1.3.3 Scientific Research
 - 1.3.4 Agriculture
 - 1.3.5 Energy
 - 1.3.6 Financial Commodity
 - 1.3.7 Shipping and Transportation
- 1.4 Global Synthetic Aperture Radar (SAR) Market by Regions
 - 1.4.1 Global Synthetic Aperture Radar (SAR) Market Size (Million USD) Comparison by Regions (2013-2023)
 - 1.4.1 North America (USA, Canada and Mexico) Synthetic Aperture Radar (SAR) Status and Prospect (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy) Synthetic Aperture Radar (SAR) Status and Prospect (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Synthetic Aperture Radar (SAR) Status and Prospect (2013-2023)
 - 1.4.4 South America (Brazil, Argentina, Colombia) Synthetic Aperture Radar (SAR) Status and Prospect (2013-2023)
 - 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Synthetic Aperture Radar (SAR) Status and Prospect (2013-2023)
- 1.5 Global Market Size of Synthetic Aperture Radar (SAR) (2013-2023)

2 MANUFACTURERS PROFILES

- 2.1 Airbus Defence and Space
 - 2.1.1 Business Overview

- 2.1.2 Synthetic Aperture Radar (SAR) Type and Applications
 - 2.1.2.1 Product A
 - 2.1.2.2 Product B
- 2.1.3 Airbus Defence and Space Synthetic Aperture Radar (SAR) Revenue, Gross Margin and Market Share (2016-2017)
- 2.2 Israel Aerospace Industries (IAI)
 - 2.2.1 Business Overview
 - 2.2.2 Synthetic Aperture Radar (SAR) Type and Applications
 - 2.2.2.1 Product A
 - 2.2.2.2 Product B
 - 2.2.3 Israel Aerospace Industries (IAI) Synthetic Aperture Radar (SAR) Revenue, Gross Margin and Market Share (2016-2017)
- 2.3 Lockheed Martin
 - 2.3.1 Business Overview
 - 2.3.2 Synthetic Aperture Radar (SAR) Type and Applications
 - 2.3.2.1 Product A
 - 2.3.2.2 Product B
 - 2.3.3 Lockheed Martin Synthetic Aperture Radar (SAR) Revenue, Gross Margin and Market Share (2016-2017)
- 2.4 Northrop Grumman
 - 2.4.1 Business Overview
 - 2.4.2 Synthetic Aperture Radar (SAR) Type and Applications
 - 2.4.2.1 Product A
 - 2.4.2.2 Product B
 - 2.4.3 Northrop Grumman Synthetic Aperture Radar (SAR) Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL SYNTHETIC APERTURE RADAR (SAR) MARKET COMPETITION, BY PLAYERS

- 3.1 Global Synthetic Aperture Radar (SAR) Revenue and Share by Players (2013-2018)
- 3.2 Market Concentration Rate
 - 3.2.1 Top 5 Synthetic Aperture Radar (SAR) Players Market Share
 - 3.2.2 Top 10 Synthetic Aperture Radar (SAR) Players Market Share
- 3.3 Market Competition Trend

4 GLOBAL SYNTHETIC APERTURE RADAR (SAR) MARKET SIZE BY REGIONS

- 4.1 Global Synthetic Aperture Radar (SAR) Revenue and Market Share by Regions

4.2 North America Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

4.3 Europe Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

4.4 Asia-Pacific Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

4.5 South America Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

4.6 Middle East and Africa Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA SYNTHETIC APERTURE RADAR (SAR) REVENUE BY COUNTRIES

5.1 North America Synthetic Aperture Radar (SAR) Revenue by Countries (2013-2018)

5.2 USA Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

5.3 Canada Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

5.4 Mexico Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

6 EUROPE SYNTHETIC APERTURE RADAR (SAR) REVENUE BY COUNTRIES

6.1 Europe Synthetic Aperture Radar (SAR) Revenue by Countries (2013-2018)

6.2 Germany Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

6.3 UK Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

6.4 France Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

6.5 Russia Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

6.6 Italy Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC SYNTHETIC APERTURE RADAR (SAR) REVENUE BY COUNTRIES

7.1 Asia-Pacific Synthetic Aperture Radar (SAR) Revenue by Countries (2013-2018)

7.2 China Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

7.3 Japan Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

7.4 Korea Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

7.5 India Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

7.6 Southeast Asia Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA SYNTHETIC APERTURE RADAR (SAR) REVENUE BY

COUNTRIES

- 8.1 South America Synthetic Aperture Radar (SAR) Revenue by Countries (2013-2018)
- 8.2 Brazil Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)
- 8.3 Argentina Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)
- 8.4 Colombia Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA REVENUE SYNTHETIC APERTURE RADAR (SAR) BY COUNTRIES

- 9.1 Middle East and Africa Synthetic Aperture Radar (SAR) Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)
- 9.3 UAE Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)
- 9.4 Egypt Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)
- 9.6 South Africa Synthetic Aperture Radar (SAR) Revenue and Growth Rate (2013-2018)

10 GLOBAL SYNTHETIC APERTURE RADAR (SAR) MARKET SEGMENT BY TYPE

- 10.1 Global Synthetic Aperture Radar (SAR) Revenue and Market Share by Type (2013-2018)
- 10.2 Global Synthetic Aperture Radar (SAR) Market Forecast by Type (2018-2023)
- 10.3 Space Based SAR Revenue Growth Rate (2013-2023)
- 10.4 Air Based SAR Revenue Growth Rate (2013-2023)

11 GLOBAL SYNTHETIC APERTURE RADAR (SAR) MARKET SEGMENT BY APPLICATION

- 11.1 Global Synthetic Aperture Radar (SAR) Revenue Market Share by Application (2013-2018)
- 11.2 Synthetic Aperture Radar (SAR) Market Forecast by Application (2018-2023)
- 11.3 Aerospace & Defense Revenue Growth (2013-2018)
- 11.4 Scientific Research Revenue Growth (2013-2018)
- 11.5 Agriculture Revenue Growth (2013-2018)
- 11.6 Energy Revenue Growth (2013-2018)
- 11.7 Financial Commodity Revenue Growth (2013-2018)

11.8 Shipping and Transportation Revenue Growth (2013-2018)

12 GLOBAL SYNTHETIC APERTURE RADAR (SAR) MARKET SIZE FORECAST (2018-2023)

12.1 Global Synthetic Aperture Radar (SAR) Market Size Forecast (2018-2023)

12.2 Global Synthetic Aperture Radar (SAR) Market Forecast by Regions (2018-2023)

12.3 North America Synthetic Aperture Radar (SAR) Revenue Market Forecast (2018-2023)

12.4 Europe Synthetic Aperture Radar (SAR) Revenue Market Forecast (2018-2023)

12.5 Asia-Pacific Synthetic Aperture Radar (SAR) Revenue Market Forecast (2018-2023)

12.6 South America Synthetic Aperture Radar (SAR) Revenue Market Forecast (2018-2023)

12.7 Middle East and Africa Synthetic Aperture Radar (SAR) Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology

14.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Synthetic Aperture Radar (SAR) Picture

Table Product Specifications of Synthetic Aperture Radar (SAR)

Table Global Synthetic Aperture Radar (SAR) and Revenue (Million USD) Market Split
by P

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