

Global Synthetic Aperture Radar Market Size study by Application (Military and Defense, Monitoring and Exploration, Others) and Regional Forecasts 2021-2027

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Abstracts

Global Synthetic Aperture Radar Market is valued approximately at USD 3.38 Billion in 2020 and is anticipated to grow with a healthy growth rate of more than 12.73% over the forecast period 2021-2027. Synthetic Aperture Radar are used to provide high resolution digital images in the form of two-dimensional and three-dimensional images of an object or landscape. The global Synthetic Aperture Radar market is being driven by increasing demand for enhanced imaging technology which can be used for different purposes such as environmental monitoring, reconnaissance and surveillance. Another important driving factor is the increasing expenditure on security and defense. According to the Stockholm International Peace Research Institute, there has been significant increase witnessed in the global military expenditure from USD 1842 billion in 2018 to USD 1960 billion in 2020. Furthermore, miniaturization in addition to Automation of Radars for UAVs and Unmanned Combat Vehicles and rapid strategic initiatives by private players in the market will provide new opportunities for the global Synthetic Aperture Radar industry. For instance, in January 2020, in order to build an in-vehicle weather patterns intelligence system, Hitachi Automotive Systems Americas, Inc. and L3Harris Technologies cooperated on a working prototype. Also, in November 2020, According to SpaceNews, the National Reconnaissance Office (NRO) plans to negotiate new partnerships with commercial satellite radar information suppliers. However, synthetic aperture radar systems have performance constraints which may impede market growth over the forecast period of 2021-2027.

The regional analysis for the global Synthetic Aperture Radar Market is based on the key regions such as Asia Pacific, North America, Europe, Latin America, and Rest of

the World. North America is the leading region across the world in terms of market share owing to growth in military expenditure and rising private investments in the region. Whereas Asia-Pacific is anticipated to exhibit the highest CAGR over the forecast period 2021-2027 due to growing defense budget, rising public-private partnership and growing deployment by startups in the region.

Major market player included in this report are:

General Atomics Aeronautical Systems Inc

Lockheed Martin Corporation

Israel Aerospace Industries Ltd

L3Harris Technologies

Maxar Technologies Ltd

Northrop Grumman Corporation

Airbus Defense and Space

Leonardo SpA

Aselsan A.S

BAE Systems Plc

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Source offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Application:

Military and Defense

Monitoring and Exploration

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027.

Target Audience of the Global Synthetic Aperture Radar Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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