

Remote Sensing Satellite Global Market Estimated To Boost At ~ 5 % of CAGR By 2021

New Market Research Reports Title "Global Remote Sensing Satellite Market Forecast 2016-2021" Has Been Added to Marketresearchfuture.com Report Database.

PUNE, MAHARASHTRA, INDIA, July 4, 2017 /EINPresswire.com/ -- Remote Sensing is the science of obtaining information about objects or areas from a distance, typically from aircraft or satellites. Remote Sensors collect data by detecting the energy that is reflected from Earth. These sensors can be on satellites or mounted on aircraft. So, Remote Sensing Satellites are usually put into space to monitor resources important for humans. For example, remote sensing satellites might track animal migration, locate mineral deposits, watch agricultural crops for weather damage, or see how fast the forests are being cut down. All of these things can be done best from space because a satellite in orbit can normally take photographs of large expanses of land all over the world. Since these satellites are able to take photographs and observe areas all over the globe, the satellite is able to monitor areas in which the climate is very harsh, or which are nearly impossible to reach by land. Remote Sensors can be either passive or active. Passive sensors respond to external stimuli. They record natural energy that is reflected or emitted from the Earth's surface. The most common source of radiation detected by passive sensors is reflected sunlight. In contrast, active sensors use internal stimuli to collect data about Earth. For example, a laser-beam remote sensing system projects a laser onto the surface of Earth and measures the time that it takes for the laser to reflect back to its sensor.



Global Remote Sensing Satellite Market

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According to a recent study report published by the Market Research Future, Globally, the market for Remote Sensing Satellite has increased due to the growing adoption. The market is expected to grow at a rapid pace during the forecast period (2016 – 2021). The global market of Remote Sensing Satellite is forecasted to witness a thriving growth by 2021, surpassing its previous growth records in terms of value with a striking ~5 % CAGR during the anticipated period (2016 – 2021). The key factors driving the demand are growing investment on satellite communication and ISR payloads, and the growing need for advanced optical imaging systems. Development of battlefield surveillance radar (BFSR), next generation AmerHis Satellite, and innovation in antenna and satellite technology are the on-going trends which will impact the market in the forecast period. As per the MRFR analysis, factors restraining the market are the cost associated with satellite launch and complexities attached to its integration with several platforms. Remote Sensing Satellite has a wide range of applications in many different fields, for instance; Coastal applications: Monitor shoreline changes, track sediment transport, and map coastal features. Data can be used for coastal mapping and erosion prevention.

Ocean applications: Monitor ocean circulation and current systems, measure ocean temperature and wave heights, and track sea ice. Data can be used to better understand the oceans and how to best manage ocean resources. Hazard assessment: Track hurricanes, earthquakes, erosion, and flooding. Data can be used to assess the impacts of a natural disaster and create preparedness strategies to be used before and after a hazardous event. Natural resource management: Monitor land use, map wetlands, and chart wildlife habitats. Data can be used to minimize the damage that urban growth has on the environment and help decide how to best protect natural resources. Remote Sensing Satellite would also be useful for agricultural applications like crop area and production estimation, drought monitoring, soil mapping, cropping system analysis and farm advisories generation.

Remote Sensing Satellite Global Market – Segmentation

The [Remote Sensing Satellite Market](#) can be segmented in to 2 key dynamics for the convenience of the report and enhanced understanding;

Segmentation By System – Comprises SATCOM, Radar, and Electro Optic / Infrared.

Segmentation By Regions : Comprises Geographical regions - North America, Europe, APAC and Rest of the World.

Key Players

- Airbus Defence and Space
- Ball Aerospace
- Lockheed Martin
- Mitsubishi Electric
- Thales Alenia Space
- Boeing
- QAS
- ISS Reshetnev
- Orbital ATK
- Telespazio

Browse complete report at <https://www.marketresearchfuture.com/reports/remote-sensing-satellite-market> .

Remote Sensing Satellite Market – Regional Analysis - As per the MRFR analysis, the EMEA region will continue its dominance in the forecast period with a substantial CAGR and will reach astronomical amounts. On the other hand, APAC will grow at a CAGR of 7% during the forecast period.

The market report for [Global Remote Sensing Satellite Market](#) of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.

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