

Global Aerospace and Defense Telemetry Market Size study, byPlatform (Ground, Airborne, Marine, Space, Weapons, UAVs), Technology (Wired and Wireless Telemetry), Component (Receiver, Transmitter, Antenna, Processors), by Application (Avionics, Air Vehicle Test, Flight Test Instrumentation, Distributed Data Acquisition System, Flight Termination System) and Regional Forecasts 2022-2028

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Abstracts

Global Aerospace and Defense Telemetry Market is valued approximately USD 1.3 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 6.5% over the forecast period 2022-2028. The telemetry system utilized in aerospace and defence has been investigated. Aeronautical telemetry is used in military and commercial applications such as space exploration, rocketry, and flight testing to monitor environmental conditions in flying objects in real time. The increasing use of telemetry in military applications, such as intercepted telemetry in guided missiles, ground systems, armored vehicles, aircraft, marine ships, and unmanned aerial vehicles (UAVs), is likely to boost telemetry demand during the projection period.

Furthermore, an increase in defence spending due to various security threats imposed both externally and internally, increasing terrorist threats, some nations' increasing interest in world dominance, several border security issues, and volatile relations among nations are expected to support the growth of the concerned market. For instance, Smiths Interconnect awarded Lockheed Martin a manufacturing contract in February 2022 to produce High Gain High Sensitivity (HGHS) Antenna systems to protect US Navy ships from threats during mission-critical operations. Similarly, the US Marine Corps awarded L3Harris Technologies an IDIQ contract for multi-channel handheld and

vehicular radio systems in January 2022. However, before launching a new product, makers of aerospace and defence telemetry systems and components must get certification. For manufacturers to achieve the maximum level of safety, multiple tests and iterations are required, resulting in complex and lengthy approval periods, which further delay production. Delays in regulatory authority certification processes, such as the FAA, may limit the growth of the aerospace and defence telemetry business. However, for many competitors in the aerospace and defence telemetry sector, the development of small-sized antennas at low costs offers profitable growth potential.

The key regions considered for the global Aerospace and Defense Telemetry Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America now controls the aerospace and defence telemetry industry, owing to significant expenditure in the military and space sectors. During the projected period, however, the Middle East and Africa, as well as Asia-Pacific, are expected to develop faster. Political tensions in the Gulf have compelled them to raise defence spending in order to modernize their weaponry. Saudi Arabia, Israel, the United Arab Emirates, and Qatar are all working to modernize their commercial and military aviation sectors. Unmanned aerial vehicles are also in high demand in the region. Such events will almost certainly increase demand for telemetry systems in the region.

Major market player included in this report are:

L3harris Technologies

Honeywell International Inc

General Dynamics Corporation

Lockheed Martin Corporation

Maxar Technologies

Ruag International Holding Ltd

BAE System

Thales Group

Verdant Telemetry & Antenna Systems

Spectrum Antenna & Avionics Systems (P) Limited

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 product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Platform:

- Ground
- Airborne
- Marine
- Space
- Weapons
- UAVs

By Application:

- Avionics
- Air Vehicle Test
- Flight Test Instrumentation
- Distributed Data Acquisition System
- Flight Termination System

By Technology:

- Wired Telemetry
- Wireless Telemetry

By Component:

- Receivers
- Transmitters
- Antennas
- Processors

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, 2020
Base year – 2021
Forecast period – 2022 to 2028

Target Audience of the Global Aerospace and Defense Telemetry 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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