

# **Global Defense Integrated Antenna Market Size Study, ByType (Aperture Antenna, Array Antenna, Microstrip Antenna, Wire Antenna), By Platform (Ground,Combat Vehicles, Base Station, Unmanned Ground Vehicle (UGV), Airborne, Fighter Aircraft,Others), By Application (Navigation &Surveillance, Communication, Telemetry), By Frequency (HF/VHF/UHF-Band, L-Band, S-Band, C-Band, X-Band, Ka-Band, Ku-Band, Multi-Band) And Regional Forecasts 2022-2028**

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## **Abstracts**

Global Defense Integrated Antenna Market is valued approximately XX in 2021 and is anticipated to grow with a healthy growth rate of more than xx% over the forecast period 2022-2028. An integrated antenna comprises of miniature antennas printed on densely packed printed circuit boards (PCB) to create huge arrays of reflector antennas that transform electronic signals to electromagnetic waves (and vice versa) with little loss. To endure extreme circumstances, defence integrated antennas are more ruggedized than conventional commercial antennas. Because of the increased need for compact/integrated antennas, the defence integrated antenna market is likely to rise considerably in the future years. Furthermore, to remain competitive in the market, market players are significantly contributing to market growth through the implementation of various strategies such as mergers and acquisitions, partnerships, collaborations, and regional expansion. For example, in May 2020, Airbus was awarded the new satellite communications framework contract for the European Union and its member states' military and civil operations. The contract called for the company to

create advanced satellite communication systems (in the C, Ku, Ka, and L frequency bands), as well as sell and rent terminals (Antenna). One of the primary barriers to market expansion is the high cost of developing and maintaining earth station infrastructure. However, the development of small-sized antennas at low cost provides profitable growth prospects for players in the defence integrated antenna market. The key regions considered for the global Defense Integrated Antenna Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America holds the dominating position for the adoption and growth of new technologies owing to favorable government spending capabilities in defense. Whereas, Asia Pacific is expected to have the fastest growth rate in the defence integrated antenna market. The market will be driven by insecurity across all border areas and adjacent nations, improved domestic aerospace capabilities, and a focus on boosting UAV combat capabilities through antenna integration. South Korea, for example, created a new domestic antenna for stealth aircraft in November 2021, which will assist lower the likelihood of detection by adversary radar systems. The Agency for Defense Development (ADD) collaborated with Hanwha Systems Co. to design this antenna.

Major market player included in this report are:

L3Harris Technologies

Airbus

General Dynamics

Maxar Technologies

Honeywell International Inc.

Rohde & schwarz

Terma

Rami

Mitsubishi electric corporation

Maxar technologies

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

**ByType:**

Aperture Antenna  
Array Antenna  
Microstrip Antenna  
Wire Antenna

**By Platform:**

Ground  
Combat Vehicles  
Base Station  
Unmanned Ground Vehicle (UGV)  
Airborne  
Fighter Aircraft Others

**By Application:**

Navigation & Surveillance  
Communication  
Telemetry

**By Frequency:**

HF/VHF/UHF-Band  
L-Band  
S-Band  
C-Band  
X-Band  
Ka-Band  
Ku-Band  
Multi-Band

**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 Defense Integrated Antenna 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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