

# **Global Avionics Market Size study, by System (Hardware, Software), by Platform (Commercial Aviation, Military Aviation, Business Jets & General Aviation, Helicopters), by End-Use (OEM, AfterMarket) and Regional Forecasts 2022-2028**

<https://marketpublishers.com/r/G4C563EEE632EN.html>

Date: June 2022

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G4C563EEE632EN

## **Abstracts**

Global Avionics Market is valued at approximately USD 57.29 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 9.25 % over the forecast period 2022-2028. Avionics are high-tech systems that are utilised in planes, artificial satellites, and spacecraft. The aircraft flight computer system is made up of a number of display units that are all capable of performing flight operations. Surveillance (CNS), communication, navigation, and automatic flight management systems are among these systems (AFMS). Avionics is utilised in a variety of applications, including commercial, defence, and unmanned aerial vehicles (UAVs). An expansion of retrofit aircraft market, modernization of aircraft with cutting-edge technology have led to the adoption of Avionics across the forecast period. For Instance: as per Statista in 2022, the Global Market size of the industry in 2020 was just 359.3 billion US dollars, a 56 percent decrease from the previous year. Though this is expected to rise to 471.8 billion dollars in 2021, it is still a minor improvement above pre-pandemic levels. The aviation sector employs 87.7 million people worldwide. Also, the use of advanced navigation and surveillance technologies, adoption of Next-Generation Flight Management Systems, are likely to increase the market growth during the forecast period. However, high cost associated with Avionics Systems impedes the growth of the market over the forecast period of 2022-2028.

The key regions considered for the Global Avionics Market study include Asia Pacific, North America, Europe, Latin America and Rest of the World. North America is the both leading and fastest growing region in Avionics Market owing to an expansion of retrofit

aircraft market coupled with modernization of aircraft with cutting-edge technology.

Major Market players included in this report are:

Avilution LLC  
BAE Systems  
CCX Technologies  
Cobham PLC  
Garmin Ltd  
General Electric  
Honeywell International Inc  
Meggitt  
Nucon Aerospace  
Safran S.A.

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 System:

Hardware

Software

By Platform:

Commercial Aviation

Military Aviation

Business Jets & General Aviation

Helicopters

By End-Use:

OEM

Aftermarket

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 Avionics 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

## Contents

### CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2028 (USD Billion)
  - 1.2.1. Avionics Market, by Region, 2020-2028 (USD Billion)
  - 1.2.2. Avionics Market, by System, 2020-2028 (USD Billion)
  - 1.2.3. Avionics Market, by Platform, 2020-2028 (USD Billion)
  - 1.2.4. Avionics Market, by End-Use, 2020-2028 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### CHAPTER 2. GLOBAL AVIONICS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Scope of the Study
  - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### CHAPTER 3. GLOBAL AVIONICS MARKET DYNAMICS

- 3.1. Avionics Market Impact Analysis (2020-2028)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Expansion of retrofit aircraft Market
    - 3.1.1.2. Modernization of aircraft with cutting-edge technology
  - 3.1.2. Market Challenges
    - 3.1.2.1. High cost associated with Avionics System
  - 3.1.3. Market Opportunities
    - 3.1.3.1. The use of advanced navigation and surveillance technologies in avionics is becoming more common
    - 3.1.3.2. Adoption of Next-Generation Flight Management Systems

### CHAPTER 4. GLOBAL AVIONICS MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model

- 4.1.1. Bargaining Power of Suppliers
- 4.1.2. Bargaining Power of Buyers
- 4.1.3. Threat of New Entrants
- 4.1.4. Threat of Substitutes
- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2028)
- 4.2. PEST Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion
- 4.5. Top investment opportunity
- 4.6. Top winning strategies

## **CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT**

- 5.1.1. Assessment of the overall impact of COVID-19 on the industry
- 5.1.2. Pre COVID-19 and post COVID-19 Market scenario

## **CHAPTER 6. GLOBAL AVIONICS MARKET, BY SYSTEM**

- 6.1. Market Snapshot
- 6.2. Global Avionics Market by System, Performance - Potential Analysis
- 6.3. Global Avionics Market Estimates & Forecasts by System, 2018-2028 (USD Billion)
- 6.4. Avionics Market, Sub Segment Analysis
  - 6.4.1. Hardware
  - 6.4.2. Software

## **CHAPTER 7. GLOBAL AVIONICS MARKET, BY PLATFORM**

- 7.1. Market Snapshot
- 7.2. Global Avionics Market by Platform, Performance – Potential Analysis
- 7.3. Global Avionics Market Estimates & Forecasts by Platform, 2018-2028 (USD Billion)
- 7.4. Avionics Market, Sub Segment Analysis
  - 7.4.1. Commercial Aviation
  - 7.4.2. Military Aviation

- 7.4.3. Business Jets & General Aviation
- 7.4.4. Helicopters

## **CHAPTER 8. GLOBAL AVIONICS MARKET, BY END-USE**

- 8.1. Market Snapshot
- 8.2. Global Avionics Market by End-Use, Performance - Potential Analysis
- 8.3. Global Avionics Market Estimates & Forecasts by End-Use, 2018-2028 (USD Billion)
- 8.4. Avionics Market, Sub Segment Analysis
  - 8.4.1. OEM
  - 8.4.2. Aftermarket

## **CHAPTER 9. GLOBAL AVIONICS MARKET, REGIONAL ANALYSIS**

- 9.1. Avionics Market, Regional Market Snapshot
- 9.2. North America Avionics Market
  - 9.2.1. U.S. Avionics Market
    - 9.2.1.1. System breakdown estimates & forecasts, 2018-2028
    - 9.2.1.2. Platform breakdown estimates & forecasts, 2018-2028
    - 9.2.1.3. End-Use breakdown estimates & forecasts, 2018-2028
  - 9.2.2. Canada Avionics Market
- 9.3. Europe Avionics Market Snapshot
  - 9.3.1. U.K. Avionics Market
  - 9.3.2. Germany Avionics Market
  - 9.3.3. France Avionics Market
  - 9.3.4. Spain Avionics Market
  - 9.3.5. Italy Avionics Market
  - 9.3.6. Rest of Europe Avionics Market
- 9.4. Asia-Pacific Avionics Market Snapshot
  - 9.4.1. China Avionics Market
  - 9.4.2. India Avionics Market
  - 9.4.3. Japan Avionics Market
  - 9.4.4. Australia Avionics Market
  - 9.4.5. South Korea Avionics Market
  - 9.4.6. Rest of Asia Pacific Avionics Market
- 9.5. Latin America Avionics Market Snapshot
  - 9.5.1. Brazil Avionics Market
  - 9.5.2. Mexico Avionics Market

## 9.6. Rest of The World Avionics Market

### **CHAPTER 10. COMPETITIVE INTELLIGENCE**

#### 10.1. Top Market Strategies

#### 10.2. Company Profiles

##### 10.2.1. Avilution LLC

###### 10.2.1.1. Key Information

###### 10.2.1.2. Overview

###### 10.2.1.3. Financial (Subject to Data Availability)

###### 10.2.1.4. Product Summary

###### 10.2.1.5. Recent Developments

##### 10.2.2. BAE Systems

##### 10.2.3. CCX Technologies

##### 10.2.4. Cobham PLC

##### 10.2.5. Garmin Ltd

##### 10.2.6. General Electric

##### 10.2.7. Honeywell International Inc

##### 10.2.8. Meggitt

##### 10.2.9. Nucon Aerospace

##### 10.2.10. Safran S.A.

### **CHAPTER 11. RESEARCH PROCESS**

#### 11.1. Research Process

##### 11.1.1. Data Mining

##### 11.1.2. Analysis

##### 11.1.3. Market Estimation

##### 11.1.4. Validation

##### 11.1.5. Publishing

#### 11.2. Research Attributes

#### 11.3. Research Assumption

## List Of Tables

### LIST OF TABLES

TABLE 1. Global Avionics Market, report scope

TABLE 2. Global Avionics Market estimates & forecasts by Region 2018-2028 (USD Billion)

TABLE 3. Global Avionics Market estimates & forecasts by System 2018-2028 (USD Billion)

TABLE 4. Global Avionics Market estimates & forecasts by Platform 2018-2028 (USD Billion)

TABLE 5. Global Avionics Market estimates & forecasts by End-Use 2018-2028 (USD Billion)

TABLE 6. Global Avionics Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 7. Global Avionics Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 8. Global Avionics Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 9. Global Avionics Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 10. Global Avionics Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 11. Global Avionics Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 12. Global Avionics Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 13. Global Avionics Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 14. Global Avionics Market by segment, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 15. Global Avionics Market by region, estimates & forecasts, 2018-2028 (USD Billion)

TABLE 16. U.S. Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 17. U.S. Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 18. U.S. Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 19. Canada Avionics Market estimates & forecasts, 2018-2028 (USD Billion)



TABLE 20. Canada Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 21. Canada Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 22. UK Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 23. UK Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 24. UK Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 25. Germany Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 26. Germany Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 27. Germany Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 28. RoE Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 29. RoE Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 30. RoE Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 31. China Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 32. China Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 33. China Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 34. India Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 35. India Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 36. India Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 37. Japan Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 38. Japan Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 39. Japan Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 40. RoAPAC Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 41. RoAPAC Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 42. RoAPAC Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 43. Brazil Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 44. Brazil Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 45. Brazil Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 46. Mexico Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 47. Mexico Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 48. Mexico Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 49. RoLA Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 50. RoLA Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 51. RoLA Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 52. Row Avionics Market estimates & forecasts, 2018-2028 (USD Billion)

TABLE 53. Row Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 54. Row Avionics Market estimates & forecasts by segment 2018-2028 (USD Billion)

TABLE 55. List of secondary sources, used in the study of Global Avionics Market

TABLE 56. List of primary sources, used in the study of Global Avionics Market

TABLE 57. Years considered for the study

TABLE 58. Exchange rates considered

## List Of Figures

### LIST OF FIGURES

- FIG 1. Global Avionics Market, research methodology
- FIG 2. Global Avionics Market, Market estimation techniques
- FIG 3. Global Market size estimates & forecast methods
- FIG 4. Global Avionics Market, key trends 2021
- FIG 5. Global Avionics Market, growth prospects 2022-2028
- FIG 6. Global Avionics Market, porters 5 force model
- FIG 7. Global Avionics Market, pest analysis
- FIG 8. Global Avionics Market, value chain analysis
- FIG 9. Global Avionics Market by segment, 2018 & 2028 (USD Billion)
- FIG 10. Global Avionics Market by segment, 2018 & 2028 (USD Billion)
- FIG 11. Global Avionics Market by segment, 2018 & 2028 (USD Billion)
- FIG 12. Global Avionics Market by segment, 2018 & 2028 (USD Billion)
- FIG 13. Global Avionics Market by segment, 2018 & 2028 (USD Billion)
- FIG 14. Global Avionics Market, regional snapshot 2018 & 2028
- FIG 15. North America Avionics Market 2018 & 2028 (USD Billion)
- FIG 16. Europe Avionics Market 2018 & 2028 (USD Billion)
- FIG 17. Asia Pacific Avionics Market 2018 & 2028 (USD Billion)
- FIG 18. Latin America Avionics Market 2018 & 2028 (USD Billion)
- FIG 19. Global Avionics Market, company Market share analysis (2021)

## I would like to order

Product name: Global Avionics Market Size study, by System (Hardware, Software), by Platform (Commercial Aviation, Military Aviation, Business Jets & General Aviation, Helicopters), by End-Use (OEM, AfterMarket) and Regional Forecasts 2022-2028

Product link: <https://marketpublishers.com/r/G4C563EEE632EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G4C563EEE632EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970