

Commercial Avionics Systems Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global commercial avionics systems market size reached US\$ 29.4 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 37.5 Billion by 2028, exhibiting a growth rate (CAGR) of 3.9% during 2023-2028.

Commercial avionics systems are electronic equipment designed for utilization in aviation. They comprise engine controls, flight recorders, lighting systems, threat detection, fuel systems, electro-optic (EO/IR) systems, weather radar, performance monitors, and other systems for carrying out flight management tasks. They are durable, reliable and do not require frequent updates. Besides this, they assist in controlling, monitoring, navigating, avoiding collision with other aircraft, and communicating with air traffic control (ATC) towers to enhance the overall safety of crew and passengers.

Commercial Avionics Systems Market Trends:

The thriving aviation sector, in confluence with the increasing air passenger traffic, represents one of the key factors impelling the growth of the market. Moreover, commercial avionics systems enable the pilot to have a clear overview of the parameters that keep the aircraft on course and safe from other planes. These systems include cockpit systems that provide pilots with instructions on performing certain maneuvers, such as an emergency landing. They also comprise cabin management systems (CMSs) that allow the cabin crew to monitor and control cabin illumination, passenger signs and calls, galley and lavatory controls, and cabin intercommunication devices. This, coupled with the growing adoption of next-generation flight management systems (NGFMS), is augmenting the sales of commercial avionics systems across the globe. Apart from this, there is a rise in the need for improved safety and security

against hijacking and terrorist attacks worldwide. This, along with the increasing focus of market players on product innovations to offer better service, is positively influencing the market. Other factors strengthening the growth of the market are rapid urbanization and the integration of technologies, such as the internet of things (IoT), in avionics systems.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global commercial avionics systems market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on sub system, aircraft type and fit.

Breakup by Sub System:

- Health Monitoring Systems
- Flight Management and Control Systems
- Communication and Navigation
- Cockpit Systems
- Visualizations and Display Systems
- Others

Breakup by Aircraft Type:

- Narrow-body Aircraft
- Wide-body Aircraft
- Regional Aircraft
- Others

Breakup by Fit:

- Linefit
- Retrofit

Breakup by Region:

- North America
 - United States
 - Canada
- Asia-Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Cobham Limited, Garmin Ltd., General Electric Company, Honeywell International Inc., L3Harris Technologies Inc., Panasonic Corporation, Raytheon Technologies Corporation, Safran SA, Teledyne Technologies Inc., Thales Group and Universal Avionics Systems Corporation (Elbit Systems Ltd.).

Key Questions Answered in This Report

1. What was the size of the global commercial avionics systems market in 2022?
2. What is the expected growth rate of the global commercial avionics systems market during 2023-2028?
3. What are the key factors driving the global commercial avionics systems market?
4. What has been the impact of COVID-19 on the global commercial avionics systems market?
5. What is the breakup of the global commercial avionics systems market based on the sub system?
6. What is the breakup of the global commercial avionics systems market based on the

aircraft type?

7. What are the key regions in the global commercial avionics systems market?

8. Who are the key players/companies in the global commercial avionics systems market?

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