

Global Flight management systems Market Size study & Forecast, by Component (Control Display Unit, Flight Management Computer, Multi-Function Display) By Fit (Line-Fit, Retrofit) By Aircraft Type (Narrow-Body, Wide-Body, Others) and Regional Analysis, 2022-2029

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Abstracts

Global Flight management systems Market is valued approximately USD 3.07 billion in 2021 and is anticipated to grow with a healthy growth rate of more than 7.90% over the forecast period 2022-2029. A flight management system is a dedicated computer system that performs a full range of in-flight tasks, thereby significantly reducing the load of the crew. The Flight management systems market is expanding because of factors such as increasing awareness regarding safety & security and growing number of passengers by aircraft.

Flight management systems is an integrated system of communication and information management that provides guidance and assistance in navigation, trajectory prediction, and performance evaluation. Its prevalence has progressively increased during the last few decades. According to the Statista, in 2021, the number of aircraft departures performed by U.S. carriers amounted to approximately 7.9 million, an increase of around 29.1 percent compared to the previous year's take-offs. Furthermore, in 2020 the number aircraft accidents worldwide, North America accounts 11 substantial damage in that year. Another important component driving space increase in number of passengers by aircraft. As per Statista, China had the largest commercial air travel market in 2020, with over 417.2 million passengers boarding planes registered to Chinese air carriers. followed by United States with 370 million passengers, while the Europe ranked third, with almost 190 million passengers. In addition, in 2022, the

market share of airlines across India passenger carrier, IndiGo was the leader in the segment with around 55 percent in the market. Also, rising aircraft orders and deliveries and growing technological advancement would create a lucrative growth prospectus for the market over the forecast period. However, the high cost of Flight management systems stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Flight management systems Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominated the market in terms of revenue, owing to the presence of key market players in the region. According to the Statista, in 2019, North America accounted for over 1.2 billion U.S. dollars in the global flight data monitoring market. In that same year, the global flight data monitoring market was worth more than 3.8 billion U.S. dollars. Furthermore, Europe is expected to grow with a highest CAGR during the forecast period, owing to increasing technological advancement, and active participation of government organizations in order to precise functioning of airport operations in the market space.

Major market player included in this report are:

Esterline Technologies Corporation
Garmin Ltd.
General Electric Company
Honeywell International Inc.
Jeppesen Sanderson, Inc.
Leonardo-Finmeccanica Spa
Lufthansa Systems GmbH & Co. Kg
Navtech, Inc.
Rockwell Collins
Thales Group

Recent Developments in the Market:

In May 2022, Thales has been selected by Airbus to equip its commercial airliners with the most powerful and innovative flight management system on the market. This new fully connected flight management system from Thales provides secure access to open-world data and offers airlines an array of new possibilities. The new flight management system, which is based on the PureFlyt product and has been adapted to meet the specific requirements of Airbus, will process and share vast amounts of data to optimize flight operations, enhance interoperability and reduce environmental impact.

Global Flight management systems Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Component, Fit, Aircraft Type, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

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 years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential 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 Component

Control Display Unit

Flight Management Computer

Multi-Function Display

By Fit

Line-Fit

Retrofit

By Aircraft Type

Narrow-Body

Wide-Body

Others

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
RoLA
Rest of the World

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2029 (USD Billion)
 - 1.2.1. Flight management systems Market, by Region, 2019-2029 (USD Billion)
 - 1.2.2. Flight management systems Market, by Component, 2019-2029 (USD Billion)
 - 1.2.3. Flight management systems Market, by Fit, 2019-2029 (USD Billion)
 - 1.2.4. Flight management systems Market, by Aircraft Type, 2019-2029 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL FLIGHT MANAGEMENT SYSTEMS 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 FLIGHT MANAGEMENT SYSTEMS MARKET DYNAMICS

- 3.1. Flight management systems Market Impact Analysis (2019-2029)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Increasing awareness regarding safety & security
 - 3.1.1.2. Growing number of passengers by aircraft
 - 3.1.2. Market Challenges
 - 3.1.2.1. High Cost of Flight management systems
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Rising aircraft orders and deliveries
 - 3.1.3.2. Growing technological advancement

CHAPTER 4. GLOBAL FLIGHT MANAGEMENT SYSTEMS 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
- 4.2. Futuristic Approach to Porter's 5 Force Model (2019-2029)
- 4.3. PEST Analysis
 - 4.3.1. Political
 - 4.3.2. Economical
 - 4.3.3. Social
 - 4.3.4. Technological
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. Industry Experts Prospective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. RISK ASSESSMENT: COVID-19 IMPACT

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

CHAPTER 6. GLOBAL FLIGHT MANAGEMENT SYSTEMS MARKET, BY COMPONENT

- 6.1. Market Snapshot
- 6.2. Global Flight management systems Market by Component, Performance - Potential Analysis
- 6.3. Global Flight management systems Market Estimates & Forecasts by Component 2019-2029 (USD Billion)
- 6.4. Flight management systems Market, Sub Segment Analysis
 - 6.4.1. Control Display Unit
 - 6.4.2. Flight Management Computer
 - 6.4.3. Multi-Function Display

CHAPTER 7. GLOBAL FLIGHT MANAGEMENT SYSTEMS MARKET, BY FIT

- 7.1. Market Snapshot
- 7.2. Global Flight management systems Market by Fit, Performance - Potential Analysis

7.3. Global Flight management systems Market Estimates & Forecasts by Fit
2019-2029 (USD Billion)

7.4. Flight management systems Market, Sub Segment Analysis

7.4.1. Line-Fit

7.4.2. Retrofit

CHAPTER 8. GLOBAL FLIGHT MANAGEMENT SYSTEMS MARKET, BY AIRCRAFT TYPE

8.1. Market Snapshot

8.2. Global Flight management systems Market by Aircraft Type, Performance -
Potential Analysis

8.3. Global Flight management systems Market Estimates & Forecasts by Aircraft Type
2019-2029 (USD Billion)

8.4. Flight management systems Market, Sub Segment Analysis

8.4.1. Narrow-Body

8.4.2. Wide-Body

8.4.3. Others

CHAPTER 9. GLOBAL FLIGHT MANAGEMENT SYSTEMS MARKET, REGIONAL ANALYSIS

9.1. Flight management systems Market, Regional Market Snapshot

9.2. North America Flight management systems Market

9.2.1. U.S. Flight management systems Market

9.2.1.1. Component breakdown estimates & forecasts, 2019-2029

9.2.1.2. Fit breakdown estimates & forecasts, 2019-2029

9.2.1.3. Aircraft Type breakdown estimates & forecasts, 2019-2029

9.2.2. Canada Flight management systems Market

9.3. Europe Flight management systems Market Snapshot

9.3.1. U.K. Flight management systems Market

9.3.2. Germany Flight management systems Market

9.3.3. France Flight management systems Market

9.3.4. Spain Flight management systems Market

9.3.5. Italy Flight management systems Market

9.3.6. Rest of Europe Flight management systems Market

9.4. Asia-Pacific Flight management systems Market Snapshot

9.4.1. China Flight management systems Market

9.4.2. India Flight management systems Market

- 9.4.3. Japan Flight management systems Market
- 9.4.4. Australia Flight management systems Market
- 9.4.5. South Korea Flight management systems Market
- 9.4.6. Rest of Asia Pacific Flight management systems Market
- 9.5. Latin America Flight management systems Market Snapshot
 - 9.5.1. Brazil Flight management systems Market
 - 9.5.2. Mexico Flight management systems Market
 - 9.5.3. Rest of Latin America Flight management systems Market
- 9.6. Rest of The World Flight management systems Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Esterline Technologies Corporation
 - 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. Garmin Ltd.
 - 10.2.3. General Electric Company
 - 10.2.4. Honeywell International Inc.
 - 10.2.5. Jeppesen Sanderson, Inc.
 - 10.2.6. Leonardo-Finmeccanica Spa
 - 10.2.7. Lufthansa Systems GmbH & Co. Kg
 - 10.2.8. Navtech, Inc.
 - 10.2.9. Rockwell Collins
 - 10.2.10. Thales Group

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 Flight management systems Market, report scope

TABLE 2. Global Flight management systems Market estimates & forecasts by Region 2019-2029 (USD Billion)

TABLE 3. Global Flight management systems Market estimates & forecasts by Component 2019-2029 (USD Billion)

TABLE 4. Global Flight management systems Market estimates & forecasts by Fit 2019-2029 (USD Billion)

TABLE 5. Global Flight management systems Market estimates & forecasts by Aircraft Type 2019-2029 (USD Billion)

TABLE 6. Global Flight management systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 7. Global Flight management systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 8. Global Flight management systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 9. Global Flight management systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 10. Global Flight management systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 11. Global Flight management systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 12. Global Flight management systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 13. Global Flight management systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 14. Global Flight management systems Market by segment, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 15. Global Flight management systems Market by region, estimates & forecasts, 2019-2029 (USD Billion)

TABLE 16. U.S. Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 17. U.S. Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 18. U.S. Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 19. Canada Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 20. Canada Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 21. Canada Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 22. UK Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 23. UK Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 24. UK Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 25. Germany Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 26. Germany Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 27. Germany Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 28. France Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 29. France Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 30. France Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 31. Italy Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 32. Italy Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 33. Italy Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 34. Spain Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 35. Spain Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 36. Spain Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 37. RoE Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 38. RoE Flight management systems Market estimates & forecasts by segment

2019-2029 (USD Billion)

TABLE 39. RoE Flight management systems Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 40. China Flight management systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 41. China Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 42. China Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 43. India Flight management systems Market estimates & forecasts, 2019-2029
(USD Billion)

TABLE 44. India Flight management systems Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 45. India Flight management systems Market estimates & forecasts by segment
2019-2029 (USD Billion)

TABLE 46. Japan Flight management systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 47. Japan Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 48. Japan Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 49. South Korea Flight management systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 50. South Korea Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 51. South Korea Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 52. Australia Flight management systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 53. Australia Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 54. Australia Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 55. RoAPAC Flight management systems Market estimates & forecasts,
2019-2029 (USD Billion)

TABLE 56. RoAPAC Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 57. RoAPAC Flight management systems Market estimates & forecasts by
segment 2019-2029 (USD Billion)

TABLE 58. Brazil Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 59. Brazil Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 60. Brazil Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 61. Mexico Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 62. Mexico Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 63. Mexico Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 64. RoLA Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 65. RoLA Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 66. RoLA Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 67. Row Flight management systems Market estimates & forecasts, 2019-2029 (USD Billion)

TABLE 68. Row Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 69. Row Flight management systems Market estimates & forecasts by segment 2019-2029 (USD Billion)

TABLE 70. List of secondary sources, used in the study of global Flight management systems Market

TABLE 71. List of primary sources, used in the study of global Flight management systems Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

List of tables and figures and dummy in nature, final lists may vary in the final deliverable

List Of Figures

LIST OF FIGURES

- FIG 1. Global Flight management systems Market, research methodology
 - FIG 2. Global Flight management systems Market, Market estimation techniques
 - FIG 3. Global Market size estimates & forecast methods
 - FIG 4. Global Flight management systems Market, key trends 2021
 - FIG 5. Global Flight management systems Market, growth prospects 2022-2029
 - FIG 6. Global Flight management systems Market, porters 5 force model
 - FIG 7. Global Flight management systems Market, pest analysis
 - FIG 8. Global Flight management systems Market, value chain analysis
 - FIG 9. Global Flight management systems Market by segment, 2019 & 2029 (USD Billion)
 - FIG 10. Global Flight management systems Market by segment, 2019 & 2029 (USD Billion)
 - FIG 11. Global Flight management systems Market by segment, 2019 & 2029 (USD Billion)
 - FIG 12. Global Flight management systems Market by segment, 2019 & 2029 (USD Billion)
 - FIG 13. Global Flight management systems Market by segment, 2019 & 2029 (USD Billion)
 - FIG 14. Global Flight management systems Market, regional snapshot 2019 & 2029
 - FIG 15. North America Flight management systems Market 2019 & 2029 (USD Billion)
 - FIG 16. Europe Flight management systems Market 2019 & 2029 (USD Billion)
 - FIG 17. Asia pacific Flight management systems Market 2019 & 2029 (USD Billion)
 - FIG 18. Latin America Flight management systems Market 2019 & 2029 (USD Billion)
 - FIG 19. Global Flight management systems Market, company Market share analysis (2021)
- List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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