



Predictive Maintenance in Aviation Industry Research Report 2026

Industry	Published	Pages	Format
Service & Software	2025-12-28	134	PDF

Single User	Multi User	Enterprise
USD 2,950	USD 4,430	USD 5,900

Description

The global Predictive Maintenance in Aviation market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

North America: the Predictive Maintenance in Aviation market is projected to increase from US\$ million in 2026 to US\$ million by 2032, reflecting a CAGR of % over 2026–2032. Europe: the Predictive Maintenance in Aviation market is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032. Asia Pacific: the Predictive Maintenance in Aviation market is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032. Leading global service providers of Predictive Maintenance in Aviation include Ramco, Airbus, Boeing, C3 AI, AIXI, Praxie, GE Aviation, Rolls-Royce and SOMA Software, among others; in 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Predictive Maintenance in Aviation market in terms of revenue (US\$ million) and, where applicable, service volume (K Units), using 2024 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of service Types and end-use Applications, harmonizes provider attribution, and delivers comparable time series by company, Type, Application, and region or country, including indicative price bands (US\$/K Units) and concentration ratios (CR5/CR10). Outputs are intended to support service design, budgeting, capacity planning, and benchmarking for providers, platforms, channel partners, and investors; the report also reviews technology shifts and notable service innovations relevant to Predictive Maintenance in Aviation.

Key Companies & Market Share Insights

This section profiles leading service providers with 2021–2025 results and a 2026–2032 outlook—covering revenue, market share, price bands, service portfolio and client mix, regional and channel mix, and key developments (M&A, network expansion, certifications). It also provides global revenue, average price, and—where applicable—volume metrics by provider, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Predictive Maintenance in Aviation Market by Company

Ramco

Airbus

Boeing

C3 AI

AIXI
Praxie
GE Aviation
Rolls-Royce
SOMA Software
AirNxt
Markovate
Veryon Diagnostics
CAMP Systems
Striim
CORRIDOR
Honeywell
Lufthansa Industry Solutions
Collins Aerospace

Predictive Maintenance in Aviation Segment by Type

Sensor-Based Predictive Maintenance
Model-Based Predictive Maintenance
Operational Data and Statistics-Based Predictive Maintenance
Others

Predictive Maintenance in Aviation Segment by Application

Civil Aviation (Airlines)
Aircraft Maintenance, Repair, And Overhaul (MRO)
Aircraft Manufacturing and Original Equipment Manufacturing (OEM)
Others

Predictive Maintenance in Aviation Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Spain
Russia
Netherlands
Nordic Countries
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia

South America

Brazil

Argentina

Chile

Middle East & Africa

Saudi Arabia

Israel

United Arab Emirates

Turkey

Iran

Egypt

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Predictive Maintenance in Aviation market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Predictive Maintenance in Aviation and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Predictive Maintenance in Aviation.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Provides the analysis of various market segments product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 4:

Provides the analysis of various market segments application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 5:

Introduces executive summary of global market size, regional market size, this section also introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by companies in the industry, and the analysis of relevant policies in the industry.

Chapter 6:

Detailed analysis of Predictive Maintenance in Aviation companies' competitive landscape, revenue market share, latest development plan, merger, and acquisition information, etc.

Chapter 7, 8, 9, 10, 11: North America, Europe, Asia Pacific, South America, Middle East and Africa segment by country. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 12:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including revenue, gross margin, product introduction, recent development, etc.

Chapter 13:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Predictive Maintenance in Aviation by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032)
 - 2.2.2 Sensor-Based Predictive Maintenance
 - 2.2.3 Model-Based Predictive Maintenance
 - 2.2.4 Operational Data and Statistics-Based Predictive Maintenance
 - 2.2.5 Others
- 2.3 Predictive Maintenance in Aviation by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032)
 - 2.3.2 Civil Aviation (Airlines)
 - 2.3.3 Aircraft Maintenance, Repair, And Overhaul (MRO)
 - 2.3.4 Aircraft Manufacturing and Original Equipment Manufacturing (OEM)
 - 2.3.5 Others
- 2.4 Assumptions and Limitations

3 Predictive Maintenance in Aviation Breakdown Data by Type

- 3.1 Global Predictive Maintenance in Aviation Historic Market Size by Type (2021-2026)
- 3.2 Global Predictive Maintenance in Aviation Forecasted Market Size by Type (2027-2032)

4 Predictive Maintenance in Aviation Breakdown Data by Application

- 4.1 Global Predictive Maintenance in Aviation Historic Market Size by Application (2021-2026)
- 4.2 Global Predictive Maintenance in Aviation Forecasted Market Size by Application (2027-2032)

5 Global Growth Trends

- 5.1 Global Predictive Maintenance in Aviation Market Perspective (2021-2032)
- 5.2 Global Predictive Maintenance in Aviation Growth Trends by Region
 - 5.2.1 Global Predictive Maintenance in Aviation Market Size by Region: 2021 VS 2025 VS 2032
 - 5.2.2 Predictive Maintenance in Aviation Historic Market Size by Region (2021-2026)
 - 5.2.3 Predictive Maintenance in Aviation Forecasted Market Size by Region (2027-2032)
- 5.3 Predictive Maintenance in Aviation Market Dynamics
 - 5.3.1 Predictive Maintenance in Aviation Industry Trends
 - 5.3.2 Predictive Maintenance in Aviation Market Drivers
 - 5.3.3 Predictive Maintenance in Aviation Market Challenges
 - 5.3.4 Predictive Maintenance in Aviation Market Restraints

6 Market Competitive Landscape by Players

- 6.1 Global Top Predictive Maintenance in Aviation Players by Revenue

6.1.1 Global Top Predictive Maintenance in Aviation Players by Revenue (2021-2026)

6.1.2 Global Predictive Maintenance in Aviation Revenue Market Share by Players (2021-2026)

6.2 Global Predictive Maintenance in Aviation Industry Players Ranking, 2023 VS 2024 VS 2025

6.3 Global Key Players of Predictive Maintenance in Aviation Head Office and Area Served

6.4 Global Predictive Maintenance in Aviation Players, Product Type & Application

6.5 Global Predictive Maintenance in Aviation Manufacturers Established Date

6.6 Global Predictive Maintenance in Aviation Market CR5 and HHI

6.7 Global Players Mergers & Acquisition

7 North America

7.1 North America Predictive Maintenance in Aviation Market Size (2021-2032)

7.2 North America Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032

7.3 North America Predictive Maintenance in Aviation Market Size by Country (2021-2026)

7.4 North America Predictive Maintenance in Aviation Market Size by Country (2027-2032)

7.5 United States

7.5 United States

7.6 Canada

7.7 Mexico

8 Europe

8.1 Europe Predictive Maintenance in Aviation Market Size (2021-2032)

8.2 Europe Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032

8.3 Europe Predictive Maintenance in Aviation Market Size by Country (2021-2026)

8.4 Europe Predictive Maintenance in Aviation Market Size by Country (2027-2032)

8.5 Germany

8.6 France

8.7 U.K.

8.8 Italy

8.9 Spain

8.10 Russia

8.11 Netherlands

8.12 Nordic Countries

9 Asia-Pacific

9.1 Asia-Pacific Predictive Maintenance in Aviation Market Size (2021-2032)

9.2 Asia-Pacific Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032

9.3 Asia-Pacific Predictive Maintenance in Aviation Market Size by Country (2021-2026)

9.4 Asia-Pacific Predictive Maintenance in Aviation Market Size by Country (2027-2032)

9.5 China

9.6 Japan

9.7 South Korea

9.8 India

9.9 Australia

9.10 China Taiwan

9.11 Southeast Asia

10 South America

10.1 South America Predictive Maintenance in Aviation Market Size (2021-2032)

10.2 South America Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032

10.3 South America Predictive Maintenance in Aviation Market Size by Country (2021-2026)

10.4 South America Predictive Maintenance in Aviation Market Size by Country (2027-2032)

- 10.5 Brazil
 - 10.6 Argentina
 - 10.7 Chile
 - 10.8 Colombia
 - 10.9 Peru
-

11 Middle East & Africa

- 11.1 Middle East & Africa Predictive Maintenance in Aviation Market Size (2021-2032)
 - 11.2 Middle East & Africa Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032
 - 11.3 Middle East & Africa Predictive Maintenance in Aviation Market Size by Country (2021-2026)
 - 11.4 Middle East & Africa Predictive Maintenance in Aviation Market Size by Country (2027-2032)
 - 11.5 Saudi Arabia
 - 11.6 Israel
 - 11.7 United Arab Emirates
 - 11.8 Turkey
 - 11.9 Iran
 - 11.10 Egypt
-

12 Players Profiled

- 12.1 Ramco
 - 12.1.1 Ramco Company Information
 - 12.1.2 Ramco Business Overview
 - 12.1.3 Ramco Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.1.4 Ramco Predictive Maintenance in Aviation Product Portfolio
 - 12.1.5 Ramco Recent Developments
- 12.2 Airbus
 - 12.2.1 Airbus Company Information
 - 12.2.2 Airbus Business Overview
 - 12.2.3 Airbus Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.2.4 Airbus Predictive Maintenance in Aviation Product Portfolio
 - 12.2.5 Airbus Recent Developments
- 12.3 Boeing
 - 12.3.1 Boeing Company Information
 - 12.3.2 Boeing Business Overview
 - 12.3.3 Boeing Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.3.4 Boeing Predictive Maintenance in Aviation Product Portfolio
 - 12.3.5 Boeing Recent Developments
- 12.4 C3 AI
 - 12.4.1 C3 AI Company Information
 - 12.4.2 C3 AI Business Overview
 - 12.4.3 C3 AI Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.4.4 C3 AI Predictive Maintenance in Aviation Product Portfolio
 - 12.4.5 C3 AI Recent Developments
- 12.5 AIXI
 - 12.5.1 AIXI Company Information
 - 12.5.2 AIXI Business Overview
 - 12.5.3 AIXI Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.5.4 AIXI Predictive Maintenance in Aviation Product Portfolio
 - 12.5.5 AIXI Recent Developments
- 12.6 Praxie

- 12.6.1 Praxie Company Information
- 12.6.2 Praxie Business Overview
- 12.6.3 Praxie Revenue in Predictive Maintenance in Aviation Business (2021-2026)
- 12.6.4 Praxie Predictive Maintenance in Aviation Product Portfolio
- 12.6.5 Praxie Recent Developments
- 12.7 GE Aviation
 - 12.7.1 GE Aviation Company Information
 - 12.7.2 GE Aviation Business Overview
 - 12.7.3 GE Aviation Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.7.4 GE Aviation Predictive Maintenance in Aviation Product Portfolio
 - 12.7.5 GE Aviation Recent Developments
- 12.8 Rolls-Royce
 - 12.8.1 Rolls-Royce Company Information
 - 12.8.2 Rolls-Royce Business Overview
 - 12.8.3 Rolls-Royce Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.8.4 Rolls-Royce Predictive Maintenance in Aviation Product Portfolio
 - 12.8.5 Rolls-Royce Recent Developments
- 12.9 SOMA Software
 - 12.9.1 SOMA Software Company Information
 - 12.9.2 SOMA Software Business Overview
 - 12.9.3 SOMA Software Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.9.4 SOMA Software Predictive Maintenance in Aviation Product Portfolio
 - 12.9.5 SOMA Software Recent Developments
- 12.10 AirNxt
 - 12.10.1 AirNxt Company Information
 - 12.10.2 AirNxt Business Overview
 - 12.10.3 AirNxt Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.10.4 AirNxt Predictive Maintenance in Aviation Product Portfolio
 - 12.10.5 AirNxt Recent Developments
- 12.11 Markovate
 - 12.11.1 Markovate Company Information
 - 12.11.2 Markovate Business Overview
 - 12.11.3 Markovate Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.11.4 Markovate Predictive Maintenance in Aviation Product Portfolio
 - 12.11.5 Markovate Recent Developments
- 12.12 Veryon Diagnostics
 - 12.12.1 Veryon Diagnostics Company Information
 - 12.12.2 Veryon Diagnostics Business Overview
 - 12.12.3 Veryon Diagnostics Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.12.4 Veryon Diagnostics Predictive Maintenance in Aviation Product Portfolio
 - 12.12.5 Veryon Diagnostics Recent Developments
- 12.13 CAMP Systems
 - 12.13.1 CAMP Systems Company Information
 - 12.13.2 CAMP Systems Business Overview
 - 12.13.3 CAMP Systems Revenue in Predictive Maintenance in Aviation Business (2021-2026)
 - 12.13.4 CAMP Systems Predictive Maintenance in Aviation Product Portfolio
 - 12.13.5 CAMP Systems Recent Developments
- 12.14 Striim

12.14.1 Striim Company Information

12.14.2 Striim Business Overview

12.14.3 Striim Revenue in Predictive Maintenance in Aviation Business (2021-2026)

12.14.4 Striim Predictive Maintenance in Aviation Product Portfolio

12.14.5 Striim Recent Developments

12.15 CORRIDOR

12.15.1 CORRIDOR Company Information

12.15.2 CORRIDOR Business Overview

12.15.3 CORRIDOR Revenue in Predictive Maintenance in Aviation Business (2021-2026)

12.15.4 CORRIDOR Predictive Maintenance in Aviation Product Portfolio

12.15.5 CORRIDOR Recent Developments

12.16 Honeywell

12.16.1 Honeywell Company Information

12.16.2 Honeywell Business Overview

12.16.3 Honeywell Revenue in Predictive Maintenance in Aviation Business (2021-2026)

12.16.4 Honeywell Predictive Maintenance in Aviation Product Portfolio

12.16.5 Honeywell Recent Developments

12.17 Lufthansa Industry Solutions

12.17.1 Lufthansa Industry Solutions Company Information

12.17.2 Lufthansa Industry Solutions Business Overview

12.17.3 Lufthansa Industry Solutions Revenue in Predictive Maintenance in Aviation Business (2021-2026)

12.17.4 Lufthansa Industry Solutions Predictive Maintenance in Aviation Product Portfolio

12.17.5 Lufthansa Industry Solutions Recent Developments

12.18 Collins Aerospace

12.18.1 Collins Aerospace Company Information

12.18.2 Collins Aerospace Business Overview

12.18.3 Collins Aerospace Revenue in Predictive Maintenance in Aviation Business (2021-2026)

12.18.4 Collins Aerospace Predictive Maintenance in Aviation Product Portfolio

12.18.5 Collins Aerospace Recent Developments

13 Report Conclusion

14 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Predictive Maintenance in Aviation Market Size by Type (2021-2026) & (US\$ Million)
- Table 6: Global Predictive Maintenance in Aviation Revenue Market Share by Type (2021-2026)
- Table 7: Global Predictive Maintenance in Aviation Forecasted Market Size by Type (2027-2032) & (US\$ Million)
- Table 8: Global Predictive Maintenance in Aviation Revenue Market Share by Type (2027-2032)
- Table 9: Global Predictive Maintenance in Aviation Market Size by Application (2021-2026) & (US\$ Million)
- Table 10: Global Predictive Maintenance in Aviation Revenue Market Share by Application (2021-2026)
- Table 11: Global Predictive Maintenance in Aviation Forecasted Market Size by Application (2027-2032) & (US\$ Million)
- Table 12: Global Predictive Maintenance in Aviation Revenue Market Share by Application (2027-2032)
- Table 13: Global Predictive Maintenance in Aviation Market Size by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 14: Global Predictive Maintenance in Aviation Market Size by Region (2021-2026) & (US\$ Million)
- Table 15: Global Predictive Maintenance in Aviation Market Share by Region (2021-2026)
- Table 16: Global Predictive Maintenance in Aviation Forecasted Market Size by Region (2027-2032) & (US\$ Million)
- Table 17: Global Predictive Maintenance in Aviation Market Share by Region (2027-2032)
- Table 18: Predictive Maintenance in Aviation Industry Trends
- Table 19: Predictive Maintenance in Aviation Industry Drivers
- Table 20: Predictive Maintenance in Aviation Industry Opportunities and Challenges
- Table 21: Predictive Maintenance in Aviation Market Restraints
- Table 22: Global Top Predictive Maintenance in Aviation Players by Revenue (US\$ Million) & (2021-2026)
- Table 23: Global Predictive Maintenance in Aviation Revenue Market Share by Players (2021-2026)
- Table 24: Global Predictive Maintenance in Aviation Industry Players Ranking, 2024 VS 2025 VS 2026
- Table 25: Global Key Players of Predictive Maintenance in Aviation, Headquarters and Area Served
- Table 26: Global Predictive Maintenance in Aviation Players, Product Type & Application
- Table 27: Global Players Market Concentration Ratio (CR5 and HHI)
- Table 28: Global Predictive Maintenance in Aviation by Players Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 29: Players Mergers & Acquisitions, Expansion Plans
- Table 30: North America Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 31: North America Predictive Maintenance in Aviation Market Size by Country (2021-2026) & (US\$ Million)
- Table 32: North America Predictive Maintenance in Aviation Market Size by Country (2027-2032) & (US\$ Million)
- Table 33: Europe Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 34: Europe Predictive Maintenance in Aviation Market Size by Country (2021-2026) & (US\$ Million)
- Table 35: Europe Predictive Maintenance in Aviation Market Size by Country (2027-2032) & (US\$ Million)
- Table 36: Asia Pacific Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 37: Asia Pacific Predictive Maintenance in Aviation Market Size by Region (2021-2026) & (US\$ Million)
- Table 38: Asia Pacific Predictive Maintenance in Aviation Market Size by Country (2027-2032) & (US\$ Million)
- Table 39: South America Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 40: South America Predictive Maintenance in Aviation Market Size by Country (2021-2026) & (US\$ Million)
- Table 41: South America Predictive Maintenance in Aviation Market Size by Country (2027-2032) & (US\$ Million)
- Table 42: Middle East & Africa Predictive Maintenance in Aviation Market Growth Rate by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 43: Middle East & Africa Predictive Maintenance in Aviation Market Size by Country (2021-2026) & (US\$ Million)
- Table 44: Middle East & Africa Predictive Maintenance in Aviation Market Size by Country (2027-2032) & (US\$ Million)
- Table 45: Ramco Company Information
- Table 46: Ramco Business Overview
- Table 47: Ramco Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 48: Ramco Predictive Maintenance in Aviation Product Portfolio
- Table 49: Ramco Recent Developments
- Table 50: Airbus Company Information

- Table 51: Airbus Business Overview
- Table 52: Airbus Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 53: Airbus Predictive Maintenance in Aviation Product Portfolio
- Table 54: Airbus Recent Developments
- Table 55: Boeing Company Information
- Table 56: Boeing Business Overview
- Table 57: Boeing Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 58: Boeing Predictive Maintenance in Aviation Product Portfolio
- Table 59: Boeing Recent Developments
- Table 60: C3 AI Company Information
- Table 61: C3 AI Business Overview
- Table 62: C3 AI Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 63: C3 AI Predictive Maintenance in Aviation Product Portfolio
- Table 64: C3 AI Recent Developments
- Table 65: AIXI Company Information
- Table 66: AIXI Business Overview
- Table 67: AIXI Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 68: AIXI Predictive Maintenance in Aviation Product Portfolio
- Table 69: AIXI Recent Developments
- Table 70: Praxie Company Information
- Table 71: Praxie Business Overview
- Table 72: Praxie Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 73: Praxie Predictive Maintenance in Aviation Product Portfolio
- Table 74: Praxie Recent Developments
- Table 75: GE Aviation Company Information
- Table 76: GE Aviation Business Overview
- Table 77: GE Aviation Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 78: GE Aviation Predictive Maintenance in Aviation Product Portfolio
- Table 79: GE Aviation Recent Developments
- Table 80: Rolls-Royce Company Information
- Table 81: Rolls-Royce Business Overview
- Table 82: Rolls-Royce Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 83: Rolls-Royce Predictive Maintenance in Aviation Product Portfolio
- Table 84: Rolls-Royce Recent Developments
- Table 85: SOMA Software Company Information
- Table 86: SOMA Software Business Overview
- Table 87: SOMA Software Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 88: SOMA Software Predictive Maintenance in Aviation Product Portfolio
- Table 89: SOMA Software Recent Developments
- Table 90: AirNxt Company Information
- Table 91: AirNxt Business Overview
- Table 92: AirNxt Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 93: AirNxt Predictive Maintenance in Aviation Product Portfolio
- Table 94: AirNxt Recent Developments
- Table 95: Markovate Company Information
- Table 96: Markovate Business Overview
- Table 97: Markovate Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 98: Markovate Predictive Maintenance in Aviation Product Portfolio
- Table 99: Markovate Recent Developments
- Table 100: Veryon Diagnostics Company Information
- Table 101: Veryon Diagnostics Business Overview
- Table 102: Veryon Diagnostics Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 103: Veryon Diagnostics Predictive Maintenance in Aviation Product Portfolio
- Table 104: Veryon Diagnostics Recent Developments
- Table 105: CAMP Systems Company Information
- Table 106: CAMP Systems Business Overview
- Table 107: CAMP Systems Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 108: CAMP Systems Predictive Maintenance in Aviation Product Portfolio
- Table 109: CAMP Systems Recent Developments
- Table 110: Striim Company Information
- Table 111: Striim Business Overview
- Table 112: Striim Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 113: Striim Predictive Maintenance in Aviation Product Portfolio
- Table 114: Striim Recent Developments
- Table 115: CORRIDOR Company Information

- Table 116: CORRIDOR Business Overview
- Table 117: CORRIDOR Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 118: CORRIDOR Predictive Maintenance in Aviation Product Portfolio
- Table 119: CORRIDOR Recent Developments
- Table 120: Honeywell Company Information
- Table 121: Honeywell Business Overview
- Table 122: Honeywell Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 123: Honeywell Predictive Maintenance in Aviation Product Portfolio
- Table 124: Honeywell Recent Developments
- Table 125: Lufthansa Industry Solutions Company Information
- Table 126: Lufthansa Industry Solutions Business Overview
- Table 127: Lufthansa Industry Solutions Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 128: Lufthansa Industry Solutions Predictive Maintenance in Aviation Product Portfolio
- Table 129: Lufthansa Industry Solutions Recent Developments
- Table 130: Collins Aerospace Company Information
- Table 131: Collins Aerospace Business Overview
- Table 132: Collins Aerospace Revenue in Predictive Maintenance in Aviation Business (2021-2026) & (US\$ Million)
- Table 133: Collins Aerospace Predictive Maintenance in Aviation Product Portfolio
- Table 134: Collins Aerospace Recent Developments
- Table 135: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Predictive Maintenance in Aviation Product Image
- Figure 5: Global Predictive Maintenance in Aviation Market Size Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Global Predictive Maintenance in Aviation Market Share by Type: 2025 VS 2032
- Figure 7: Sensor-Based Predictive Maintenance Product
- Figure 8: Model-Based Predictive Maintenance Product
- Figure 9: Operational Data and Statistics-Based Predictive Maintenance Product
- Figure 10: Others Product
- Figure 11: Global Predictive Maintenance in Aviation Market Size by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 12: Global Predictive Maintenance in Aviation Market Share by Application: 2025 VS 2032
- Figure 13: Civil Aviation (Airlines) Product
- Figure 14: Aircraft Maintenance, Repair, And Overhaul (MRO) Product
- Figure 15: Aircraft Manufacturing and Original Equipment Manufacturing (OEM) Product
- Figure 16: Others Product
- Figure 17: Global Predictive Maintenance in Aviation Market Size (US\$ Million), Year-over-Year: 2021-2032
- Figure 18: Global Predictive Maintenance in Aviation Market Size, (US\$ Million), 2021 VS 2025 VS 2032
- Figure 19: Global Predictive Maintenance in Aviation Market Share by Region: 2025 VS 2032
- Figure 20: Global Predictive Maintenance in Aviation Market Share by Players in 2025
- Figure 21: Global Predictive Maintenance in Aviation Manufacturers Established Date
- Figure 22: Global Top 5 and 10 Predictive Maintenance in Aviation Players Market Share by Revenue in 2025
- Figure 23: Players Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 24: North America Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 25: North America Predictive Maintenance in Aviation Market Share by Country (2021-2032)
- Figure 26: United States Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 27: Canada Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 28: Mexico Predictive Maintenance in Aviation Market Share by Country (2021-2032)
- Figure 29: Europe Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 30: Europe Predictive Maintenance in Aviation Market Share by Country (2021-2032)
- Figure 31: Germany Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 32: France Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 33: U.K. Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 34: Italy Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 35: Spain Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 36: Russia Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 37: Netherlands Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 38: Nordic Countries Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 39: Asia-Pacific Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 40: Asia-Pacific Predictive Maintenance in Aviation Market Share by Country (2021-2032)
- Figure 41: China Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)

- Figure 42: Japan Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 43: South Korea Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 44: India Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 45: India Predictive Maintenance in Aviation Market Share by Country (2021-2032)
- Figure 46: Australia Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 47: China Taiwan Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 48: Southeast Asia Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 49: South America Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 50: South America Predictive Maintenance in Aviation Market Share by Country (2021-2032)
- Figure 51: Brazil Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 52: Argentina Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 53: Chile Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 54: Colombia Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 55: Peru Predictive Maintenance in Aviation Market Size YoY Growth (2021-2032) & (US\$ Million)
- Figure 56: Ramco Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 57: Airbus Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 58: Boeing Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 59: C3 AI Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 60: AIXI Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 61: Praxie Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 62: GE Aviation Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 63: Rolls-Royce Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 64: SOMA Software Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 65: AirNxt Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 66: Markovate Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 67: Veryon Diagnostics Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 68: CAMP Systems Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 69: Striim Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 70: CORRIDOR Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 71: Honeywell Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 72: Lufthansa Industry Solutions Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)
- Figure 73: Collins Aerospace Revenue Growth Rate in Predictive Maintenance in Aviation Business (2021-2026)