

Europe Flight Planning Software Market Report (2021–2031) by Scope, Segmentation, Dynamics, and Competitive Analysis

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Abstracts

The Europe flight planning software market was valued at approximately USD 175.73 million in 2023 and is projected to grow to USD 293.94 million by 2031, reflecting a compound annual growth rate (CAGR) of 6.6% during this period.

Market Drivers

The growth of the Europe flight planning software market is primarily driven by the increasing global aircraft fleet size and the rise in air traffic. According to the Airbus Global Market Forecast (GMF) 2024, the global aviation fleet is expected to expand from 24,260 aircraft in 2023 to 48,230 by 2043, fueled by a resurgence in air travel demand following the easing of COVID-19 restrictions. The report indicates that regions such as China, India, Asia, and South America will experience air travel growth exceeding 3.5% from 2023 to 2042, while North America and Europe will see more moderate growth rates of 2% to 3%.

The demand for new aircraft from 2024 to 2043 is estimated at 42,430 units, with the Asia Pacific region anticipated to account for nearly 46% of this demand. Notably, single-aisle aircraft are expected to represent over 80% of the total new aircraft demand globally during this timeframe. Additionally, the demand for freight aircraft is projected to reach 2,470 units.

In June 2023, data from ch-aviation GmbH revealed that the United States had the highest number of aircraft orders globally, totaling 3,147, followed by Ireland, China, and India. Major airlines such as United Airlines and IndiGo Airlines are among the top consumers of these aircraft orders. This surge in aircraft orders and the overall growth

of the global fleet are anticipated to significantly boost the demand for flight planning software, presenting opportunities for key market players from 2023 to 2031.

Overview of the Europe Flight Planning Software Market

The Europe flight planning software market is segmented by country, including Germany, Italy, Russia, France, the UK, and the Rest of Europe. Europe is recognized as the busiest airspace globally, with over 20,000 flights daily and around 500 million passengers annually. The defense and commercial aviation sectors in Europe are increasingly adopting advanced flight management technologies, driven by strong economic conditions and government initiatives aimed at fostering growth in the aviation sector. Germany, France, and the UK are leading countries in terms of aircraft and airport numbers, with Germany and France being significant exporters of advanced aircraft technologies.

Countries like Poland, the UK, and Belgium are also investing in new airport projects, which will drive demand for aircraft fleets. For instance, Poland plans to construct the Solidarity Transport Hub near Warsaw by 2027, aiming to accommodate nearly 40 million passengers. Additionally, the renovation of Son Sant Joan Airport in Mallorca, Spain, commenced in early 2023 and is expected to be completed by 2026. Such developments in airport infrastructure will further stimulate the growth of the flight planning software market from 2023 to 2031.

Market Segmentation

The Europe flight planning software market is categorized based on deployment, application, component, and country:

Deployment: The market is divided into cloud and on-premise segments, with the cloud segment holding a larger share in 2023.

Component: The market is split into software and services, where the software segment dominated in 2023.

Application: The market includes logistics and cargo, airport, private airlines, commercial airlines, flight schools and training centers, and military & defense, with commercial airlines holding the largest market share in 2023.

Country: The market is segmented into Germany, France, Italy, the UK, Russia, and the Rest of Europe, with Germany leading the market share in 2023.

Key Players in the Market

Prominent companies in the Europe flight planning software market include CAE Inc., Collins Aerospace, NAV Flight Services LLC, Jeppesen Sanderson, Inc., Sabre Corp, NAVBLUE, FSS GmbH, Laminaar Aviation Infotech Pte Ltd, Chetu Inc., AIMS INTL DWC LLC, eTT Aviation, ForeFlight LLC, Amadeus IT Group SA, Universal Weather and Aviation, Inc., Airsupport A/S, Deutsche Lufthansa AG, and RocketRoute Ltd. These companies are pivotal in shaping the future of flight planning software in Europe.

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