

Global Electronic Flight Instrument System (EFIS) Market Size study & Forecast, by Sub-System, Platform, and Regional Forecasts 2025-2035

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Abstracts

Global Electronic Flight Instrument System (EFIS) Market is valued approximately at USD 0.65 billion in 2024 and is poised to expand at a steady CAGR of 3.10% during the forecast period 2025-2035. An Electronic Flight Instrument System, commonly abbreviated as EFIS, integrates a suite of flight displays that digitally present critical aircraft information including attitude, altitude, airspeed, navigation, and engine data. As aviation shifts away from analog instruments towards digital glass cockpits, EFIS technology is becoming a cornerstone of modern avionics architecture, ensuring streamlined situational awareness, reduced pilot workload, and improved safety outcomes. The rising emphasis on aircraft automation, coupled with regulatory mandates for avionics upgrades, continues to catalyze adoption of EFIS across civil, commercial, and defense aviation platforms.

Driven by an uptick in global air traffic, fleet modernization programs, and the emergence of electric and unmanned aerial vehicles, the demand for compact and lightweight EFIS units is accelerating. The market is witnessing notable traction in commercial aviation, as airlines retrofit older aircraft with digital displays to align with next-generation cockpit standards. Moreover, the military sector is significantly investing in EFIS for mission-critical airframes, aiming to bolster pilot efficiency and combat readiness. Meanwhile, the general aviation segment continues to explore EFIS for small aircraft due to its superior cost-performance ratio and enhanced visualization features. However, challenges such as high upfront costs and technical integration complexity, especially in legacy systems, remain pertinent constraints for new market entrants.

From a regional lens, North America retains a dominant market share, fueled by the presence of leading aircraft OEMs, avionics innovators, and a proactive Federal

Aviation Administration (FAA) framework that promotes digital cockpit upgrades. The U.S. defense sector's significant investment in aircraft modernization further amplifies regional demand. Europe follows closely, where countries such as France, Germany, and the UK are focusing on fleet replacement and adopting cutting-edge flight navigation systems. The Asia Pacific region is anticipated to witness the fastest growth over the forecast period, buoyed by burgeoning commercial airline fleets, rising disposable incomes, and increasing investments in aviation infrastructure across China, India, and Southeast Asian nations. Moreover, growing indigenous defense production and procurement of advanced air platforms further position APAC as a strategic growth hotspot for EFIS deployment.

Major market player included in this report are:

Honeywell International Inc.

Garmin Ltd.

Collins Aerospace

Thales Group

Elbit Systems Ltd.

L3Harris Technologies, Inc.

Aspen Avionics Inc.

Dynon Avionics

Universal Avionics Systems Corporation

Rockwell Collins

Avidyne Corporation

Northrop Grumman Corporation

BAE Systems

Leonardo S.p.A

Raytheon Technologies Corporation

Global Electronic Flight Instrument System (EFIS) Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

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

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' 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 for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Sub-System:

Display Systems

Processing Systems

Control Panel

By Platform:

General Aviation

Commercial Aviation

Military Aviation

By Application:

Navigation

Flight Control

Surveillance

Engine Monitoring

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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