

Defense Navigation Market Forecasted to Achieve US \$545.42 Billion by 2029

*The Business Research Company's
Defense Navigation Global Market Report
2025 - Market Size, Trends, And Global
Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, October 20, 2025

/EINPresswire.com/ -- Get 20% Off All

Global Market Reports With Code

ONLINE20 – Stay Ahead Of Trade Shifts, Macroeconomic Trends, And Industry Disruptors



The Business
Research Company

The Business Research Company

How Big Is The Defense Navigation Market In 2025?

The quick expansion of the defense navigation market in past few years has been notable. The

“

Get 20% Off All Global
Market Reports With Code
ONLINE20 – Stay Ahead Of
Trade Shifts,
Macroeconomic Trends, And
Industry Disruptors

”

*The Business Research
Company*

projections suggest that it will enhance from a value of \$284.92 billion in 2024, to reach \$326.15 billion in 2025, showing a compound annual growth rate (CAGR) of 14.5%. Factors that have contributed to this growth in the historical period consist widely of initiatives taken towards military modernization, global threat perception, increasing demand for autonomous systems, funding in aerospace and defense, and incorporation of cybersecurity.

In the coming years, [the defense navigation market size](#) is anticipated to witness significant growth, eventually

reaching \$545.42 billion in 2029 with an annual growth rate (CAGR) of 13.7%. This growth during the forecast period is as a result of various factors including improved positioning accuracy, urban warfare navigation systems, multi-domain operations, durability against electronic warfare, innovations in the human-machine interface, and global navigation in contested environments. There are notable trends in the forecast period which include gnss and inertial navigation systems, anti-jamming technologies, the use of augmented reality (ar) in heads-up displays, miniaturization and size reduction, and integration of multi-domain navigation.

Download a free sample of the defense navigation market report:

What Are The Key Driving Factors For The Growth Of The Defense Navigation Market?

The defense navigation market is poised for growth due to an increasing need for new aircraft. Aircraft are machines specifically constructed to fly, utilized for many purposes including passenger transportation and in defense and combat scenarios. A key part of their operation is navigation, which allows aircraft to traverse selected routes from one waypoint to another, regardless of whether these waypoints are reliant on ground infrastructure. Therefore, the burgeoning demand for new aircraft is predicted to fuel the development of the defense navigation market. In a recent example from April 2022, as per information given in the Defense Budget Overview Report 2023 issued by the United States Department of Defense, an entity of the US federal government's executive branch, officials are poised to double the aircraft F-15EX Eagle II quantity from 12 to 24 in 2023 compared to the prior year. This surge in demand for new aircraft is therefore a significant driver for [the expansion of the defense navigation market](#).

Who Are The Key Players In The Defense Navigation Industry?

Major players in the Defense Navigation Global Market Report 2025 include:

- Cobham Limited
- Esterline Technologies Corporation
- Teledyne FLIR LLC
- Furuno Electric Co. Ltd.
- Garmin Ltd.
- General Electric Company
- Honeywell International Inc.
- Israel Aerospace Industries
- Kongsberg Gruppen
- L3 Technologies Inc.

What Are The Upcoming Trends Of Defense Navigation Market In The Globe?

The rise of groundbreaking navigation system advancements is a notable trend picking up momentum in the defense navigation market. To maintain their market standing, corporations in the defense navigation market are prioritizing the creation of these innovative systems. For example, AeroVironment, an American defense manufacturing firm specializing in unmanned aerial vehicles, introduced a unique virtual navigation system for its two 'Puma' drones in September 2022. This system offers unparalleled advantages in environments where GPS use is challenged. Its next-generation navigation system uses sensors which collect visualization data and inspect ground features as they scan towards the south, determining the precise location of the aircraft mid-flight. Moreover, the system has a new feature that automatically transitions between GPS-denied navigation and regular navigation, eliminating the need for manual intervention.

What Segments Are Covered In The Defense Navigation Market Report?

The defense navigation market covered in this report is segmented –

- 1) By Platform Type: Airborne Platform, Naval Platform, Land Platform
- 2) By Technology: Fiber Optic Gyro Navigation System, Ring Laser Gyro Navigation System, Mechanical Navigation System, Hemispherical Resonator Gyro Navigation System, Micromechanical Systems-Based Navigation System, Other Technologies
- 3) By Application: Ship, Boat, Autonomous Underwater Vehicle, Remotely Operated Underwater Vehicle

Subsegments:

- 1) By Airborne Platform: Unmanned Aerial Vehicles (UAVs), Fighter Jets, Helicopters, Transport Aircraft
- 2) By Naval Platform: Surface Ships, Submarines, Unmanned Underwater Vehicles (UUVs), Amphibious Assault Vehicles
- 3) By Land Platform: Armored Vehicles, Artillery Systems, Infantry Fighting Vehicles (IFVs), Command And Control Vehicles.

View the full defense navigation market report:

<https://www.thebusinessresearchcompany.com/report/defense-navigation-global-market-report>

Which Region Is Expected To Lead The Defense Navigation Market By 2025?

In the Defense Navigation Global Market Report 2025, North America led as the biggest market in 2024 and is projected to maintain its growth. The report includes various regions such as Asia-Pacific, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa.

Browse Through More Reports Similar to the Global Defense Navigation Market 2025, By The Business Research Company

Aerospace Defense Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/aerospace-defense-global-market-report>

Air Based Defense Equipment Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/air-based-defense-equipment-global-market-report>

Defense Equipment Maintenance Repair And Overhauling Service Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/defense-equipment-maintenance-repair-and-overhauling-service-global-market-report>

Speak With Our Expert:

Saumya Sahay
Americas +1 310-496-7795
Asia +44 7882 955267 & +91 8897263534
Europe +44 7882 955267
Email: saumyas@tbrc.info
The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

LinkedIn: <https://in.linkedin.com/company/the-business-research-company>

Oliver Guirdham
The Business Research Company
+44 7882 955267
info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/858186382>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.