

# **Global Inertial Navigation System (INS) Market 2023 by Manufacturers, Regions, Type and Application, Forecast to 2029**

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## **Abstracts**

An inertial navigation system (INS) is a navigation aid that uses a computer, motion sensors (accelerometers), rotation sensors (gyroscopes), and occasionally magnetic sensors (magnetometers) to continuously calculate by dead reckoning the position, the orientation, and the velocity (direction and speed of movement) of a moving object without the need for external references. It is used on vehicles such as ships, aircraft, submarines, guided missiles, and spacecraft.

According to our (Global Info Research) latest study, the global Inertial Navigation System (INS) market size was valued at USD 9306.9 million in 2022 and is forecast to a readjusted size of USD 12260 million by 2029 with a CAGR of 4.0% during review period. The influence of COVID-19 and the Russia-Ukraine War were considered while estimating market sizes.

North America is estimated to lead the global INS market in 2018. The US has a major market share in missiles along with a most profitable aviation industry, thus North America is expected to fuel the growth of the market. Major aircraft manufacturers present in North America are Boeing (US), Bombardier (Canada), Lockheed Martin (US), Bell Helicopter (US), and Sikorsky Aircraft (US), and therefore generate a high demand for the inertial navigation system. North America is expected to continue to lead the market during the forecast period.

This report is a detailed and comprehensive analysis for global Inertial Navigation System (INS) market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as

well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2023, are provided.

#### Key Features:

Global Inertial Navigation System (INS) market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Inertial Navigation System (INS) market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Inertial Navigation System (INS) market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (USD/Unit), 2018-2029

Global Inertial Navigation System (INS) market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (USD/Unit), 2018-2023

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Inertial Navigation System (INS)

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Inertial Navigation System (INS) market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Honeywell International, Northrop Grumman, Safran, Thales and Raytheon, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

## Market Segmentation

Inertial Navigation System (INS) market is split by Type and by Application. For the period 2018-2029, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

Mechanical Gyro Technology

Ring Laser Gyro Technology

Fiber Optics Gyro Technology

MEMS Technology

Others

### Market segment by Application

Aircraft

Missiles

Space Launch Vehicles

Marine

Military Armored Vehicles

Unmanned Aerial Vehicles

Unmanned Ground Vehicles

Unmanned Marine Vehicles

## Major players covered

Honeywell International

Northrop Grumman

Safran

Thales

Raytheon

General Electric

Rockwell Collins

Teledyne Technologies

Vectornav Technologies

Lord Microstrain

Trimble Navigation

Gladiator Technologies

Atlantic Inertial Systems

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Inertial Navigation System (INS) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Inertial Navigation System (INS), with price, sales, revenue and global market share of Inertial Navigation System (INS) from 2018 to 2023.

Chapter 3, the Inertial Navigation System (INS) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Inertial Navigation System (INS) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2018 to 2029.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2018 to 2029.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2022.and Inertial Navigation System (INS) market forecast, by regions, type and application, with sales and revenue, from 2024 to 2029.

Chapter 12, market dynamics, drivers, restraints, trends, Porters Five Forces analysis, and Influence of COVID-19 and Russia-Ukraine War.

Chapter 13, the key raw materials and key suppliers, and industry chain of Inertial Navigation System (INS).

Chapter 14 and 15, to describe Inertial Navigation System (INS) sales channel, distributors, customers, research findings and conclusion.

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