

# **Global Industrial Smart Motors Market Size study & Forecast, by Offering (Products and Services), by End User (Pumps, Fans, Compressors, and Others), by Market Vertical (Power & Energy, Manufacturing, Automotive, Healthcare, and Others) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Industrial Smart Motors Market is valued at approximately USD 1562.29 million in 2022 and is anticipated to grow with a healthy growth rate of more than 5.28% over the forecast period 2023-2030. Industrial Smart Motors are advanced electromechanical devices with integrated sensors, communication abilities, and intelligent controls. The motors monitor parameters such as temperature, vibration, and energy usage, providing real-time data for diagnostics and optimization. The motors also communicate with other devices, seamlessly integrating into industrial automation networks. The industrial smart motors market is driven by factors such as the growing demand for motors with enhanced process control and the emphasis on minimizing downtime. Additionally, the integration of Industrial Internet of Things services has enabled predictive maintenance, improved machine control, increased motor efficiency, and reduced downtime during maintenance, which is expected to further boost the demand for industrial smart motors in the future.

Moreover, the rising adoption of IoT in industrial settings is revolutionizing the way smart motors are utilized, monitored, and maintained. The integration of IoT technologies enables improved efficiency, reduced downtime, energy savings, enhanced safety, and better decision-making capabilities, thereby driving the growth of the Industrial Smart Motors Market. According to the aeXiv.org in 2020, the rapid growth of the Internet of Things (IoT) is expected to result in a significant economic impact,

ranging from USD 3.9 trillion to USD 11.1 trillion annually by 2025, as an estimated 28.5 billion network-connected devices become active by 2022. While initially focused on consumer applications, the disruptive nature of IoT has facilitated its adoption in various industrial sectors, leading to the emergence of Industrial Internet of Things (IIoT) technology. Additionally, continuous technological advancements and rising demand for industrial motors provide numerous profitable opportunities for the market players. However, the high cost of continuous predictive maintenance stifling market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Industrial Smart Motors Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the high demand from manufacturing industries in these regions. Also, another factor is need to increase manufacturing plant productivity through the use of improved smart motors and the use of smart manufacturing techniques. North America is expected to grow at fastest growth rate during the forecast period, owing to the integration of smart motors to enhance efficiency and reduce energy costs is driving the demand for smart motors across various market sectors. Furthermore, investments in aerospace and industrial robotics projects in developed regions are expected to boost the demand for smart motors in the coming years.

Major market player included in this report are:

Somfy Systems, Inc

Nidec Corporation

USAutomation LLC

Schneider Electric SE

Dunkermotoren GmbH

Rockwell Automation, Inc.

Technosoft SA

Reliance Precision Limited

HSD SpA

CG Power & Industrial Solutions Ltd.

Recent Developments in the Market:

In October 2021, ABB launched the Fusion Air Smart Sensor, a touch-free room sensor with optional control sensors. This sensor monitors temperature, humidity, CO<sub>2</sub>, and VOCs to enhance indoor air quality and reduce the risk of virus exposure. By sending data to the connected controller, it enables intelligent adjustments to lighting, shading, and HVAC systems, preventing energy waste in unoccupied meeting rooms and optimizing HVAC usage.

Global Industrial Smart Motors Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

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

Segments Covered – Offering, End User, Market vertical, Region

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

Customization Scope - Free report customization (equivalent up to 8 analyst's 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 to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Offering:

Products

Services

By End User:

Pumps

Fans

Compressors

Others

By Market Vertical:

Power & Energy

Manufacturing

Automotive

Healthcare

Others

**By Region:**

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East &amp; Africa

Saudi Arabia

South Africa

Rest of Middle East &amp; Africa

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