

Global Industrial Predictive Maintenance Market Set for High Growth, According to The Business Research Company

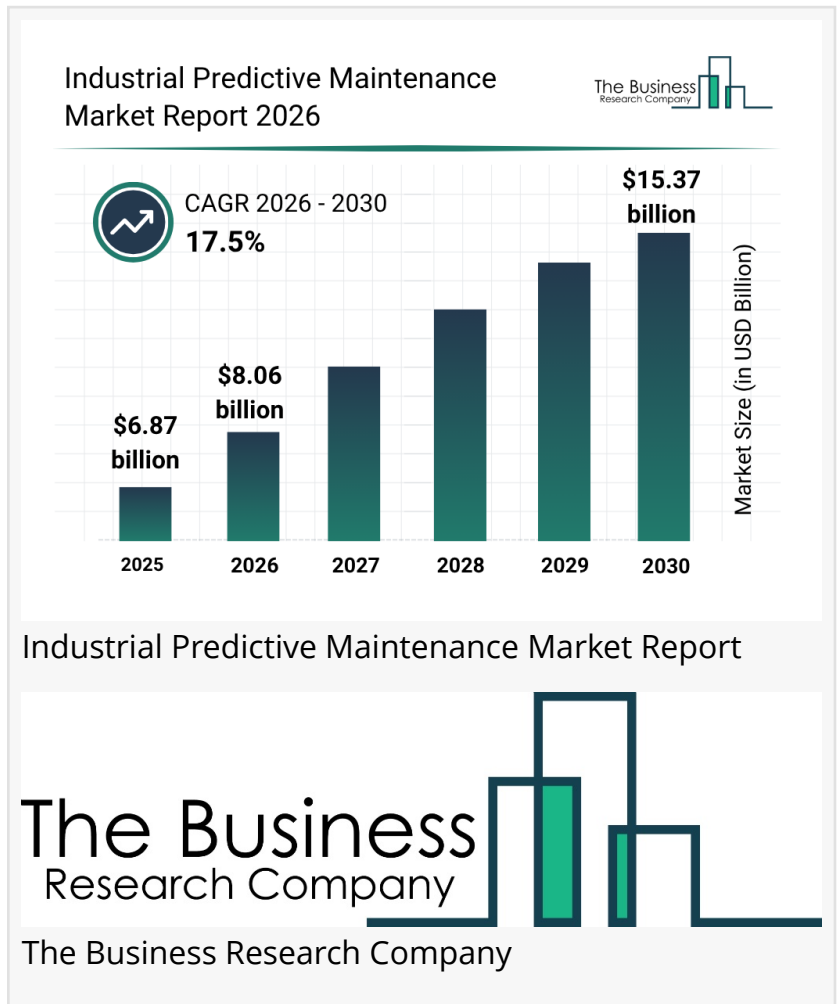
The Business Research Company's Industrial Predictive Maintenance Global Market Report 2026 – Market Size, Trends, And Forecast 2026-2035

LONDON, GREATER LONDON, UNITED KINGDOM, September 14, 2026 /EINPresswire.com/ -- The industrial predictive maintenance market has become a vital focus area as industries seek smarter ways to manage equipment reliability and reduce unexpected downtimes. Driven by technological advancements and the shift toward Industry 4.0, this market is undergoing significant growth and transformation. Let's explore the current market size, key drivers, emerging trends, and regional dynamics shaping this sector.

Industrial Predictive Maintenance Market Size and Growth Outlook

The industrial predictive maintenance market has witnessed rapid expansion recently and is projected to continue this upward trajectory. It is expected to grow from \$6.87 billion in 2025 to \$8.06 billion in 2026, reflecting a strong compound annual growth rate (CAGR) of 17.3%. This expansion during the historical period has been fueled by the increasing need to prevent unplanned industrial downtime, the growing use of sensor-based monitoring systems, the widespread adoption of industrial automation in manufacturing, rising costs of maintaining aging equipment, and the implementation of computerized maintenance management systems.

Download a free sample of the [industrial predictive maintenance market report](#):



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Looking ahead, the market is forecasted to reach \$15.37 billion by 2030, maintaining a CAGR of 17.5%. The projected growth is largely driven by a rising adoption of artificial intelligence (AI) and machine learning for maintenance tasks, a growing emphasis on operational efficiency and cost reduction, the proliferation of smart factories and connected industrial ecosystems, and the increasing deployment of IoT-enabled predictive monitoring solutions. Additionally, sustainability goals and asset lifecycle extension efforts are further propelling market expansion. Key trends expected to shape the market in the coming years include AI-powered failure prediction models, IoT sensor networks for real-time monitoring, cloud-based predictive analytics platforms for centralized maintenance, edge computing for faster condition assessments, and growing integration of digital twin technologies for asset health simulation and forecasting.

Understanding Industrial Predictive Maintenance and Its Purpose

Industrial predictive maintenance is a proactive, data-driven approach that leverages sensors, IoT devices, AI, machine learning, and equipment condition data to anticipate equipment failures before they happen. The main goal is to minimize unplanned downtime, optimize maintenance scheduling, extend asset lifespans, and enhance operational reliability by ensuring maintenance is performed only when necessary.

View the full industrial predictive maintenance market report:

https://www.thebusinessresearchcompany.com/report/industrial-predictive-maintenance-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Sep_PR

How Industry 4.0 Technologies Are Accelerating Market Growth

The increasing integration of Industry 4.0 technologies is a crucial driver behind the expansion of the industrial predictive maintenance market. Industry 4.0 combines advanced digital tools such as the Internet of Things (IoT), artificial intelligence (AI), machine learning, and robotics into industrial operations and manufacturing environments. This trend is largely motivated by the need for manufacturers to reduce unexpected equipment failures and cut operational costs, particularly in sectors managing high-value assets. By providing real-time monitoring, AI-based fault detection, and sophisticated data analytics, Industry 4.0 enables smarter, more efficient maintenance processes that improve productivity and minimize downtime.

For example, in March 2024, Rockwell Automation, a leading US automation firm, reported that 95% of manufacturers were either using or evaluating smart manufacturing technologies in 2024, up from 84% in 2023. This growing adoption underscores how Industry 4.0 is propelling the industrial predictive maintenance market forward.

Regional Market Highlights and Growth Patterns

In 2025, North America held the largest share of the industrial predictive maintenance market,

reflecting its advanced industrial infrastructure and rapid technology adoption. Meanwhile, the Asia-Pacific region is expected to experience the fastest growth during the forecast period, driven by expanding manufacturing sectors and increasing investments in smart factory initiatives. The market report covers key regions including Asia-Pacific, Southeast Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive perspective on global market trends.

Our 2026 market reports now feature expanded strategic intelligence through market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based dashboards, market hotspots infographics, key technology and future trend analysis, along with updated graphics and tables.

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