

# **Medical Equipment Maintenance Market Forecasts to 2034 – Global Analysis By Product (Diagnostic Imaging Equipment, Electrosurgical Equipment and Other Products), Service Provider, Maintenance Type, Contract Type, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Medical Equipment Maintenance Market is accounted for \$76.1 billion in 2026 and is expected to reach \$199.5 billion by 2034 growing at a CAGR of 12.8% during the forecast period. The Medical Equipment Maintenance market refers to the industry dedicated to the upkeep, repair, and management of medical devices and equipment within healthcare facilities. This sector plays a crucial role in ensuring the operational reliability, safety, and compliance of diverse medical instruments, ranging from diagnostic machines to life support systems.

According to a survey by the Population Reference Bureau in 2019, there are more than 52 million people in the U.S. aged 65 years and above. In contrast, this number is estimated to rise to 61 million by 2027.

Market Dynamics:

Driver:

Stringent regulatory compliance

The healthcare industry is subject to rigorous regulatory standards and accreditation requirements to ensure patient safety, data security, and the overall efficacy of medical services. Adherence to these standards necessitates comprehensive maintenance programs for medical equipment. Healthcare facilities are compelled to invest in regular

maintenance activities to meet stringent regulatory guidelines and accreditation criteria, minimizing the risk of non-compliance and associated legal consequences. Moreover, stringent regulations, such as those set by health authorities and quality assurance bodies, mandate routine inspections, calibrations, and preventive maintenance to guarantee that medical devices operate within specified parameters.

Restraint:

High initial cost

Medical equipment maintenance is crucial to controlling overall expenditure against a backdrop of austerity measures. Advanced technology-based asset management solutions are implemented as part of medical device maintenance programs. By allowing healthcare providers to track and monitor their conditions, these programs guarantee maximum uptime and efficient utilization. However, the deployment of these solutions comes with high initial installation costs and significant maintenance expenditures, while the installation of advanced medical equipment carries a service contract cost that must be paid annually.

Opportunity:

Technological advancements

The continuous innovation and sophistication in medical equipment have led to the development of highly complex and specialized devices integral to modern healthcare. As these technologies become more advanced, the need for equally advanced maintenance services rises. Maintenance providers must stay abreast of the latest technological developments to understand the intricacies of new equipment, perform diagnostics, and conduct preventive maintenance effectively. Additionally, the integration of artificial intelligence, connectivity, and digital interfaces in medical devices further accentuates the demand for skilled maintenance professionals who can navigate and service these intricate systems.

Threat:

Shortage of qualified maintenance professionals

As medical technologies become increasingly sophisticated, the demand for skilled technicians proficient in servicing diverse and advanced equipment grows. However,

there is a persistent shortage of professionals with the requisite expertise in maintaining specialized medical devices. The intricacies of modern healthcare technology necessitate a deep understanding of software integration, connectivity, and evolving diagnostic capabilities, making it challenging to find professionals who can effectively address these complexities. However, this shortage not only hinders the prompt resolution of maintenance issues but also contributes to increased service costs as healthcare facilities may need to rely on external experts.

#### Covid-19 Impact:

During the pandemic, the increased demand for healthcare services has resulted in a greater dependence on medical equipment, which has raised the need for upkeep and assistance. The pandemic has highlighted how crucial preventive maintenance is to the smooth operation of vital medical equipment. However, the industry has faced difficulties due to labor issues, supply chain disruptions, and tighter budgets. Despite these obstacles, the pandemic has sparked innovation in the medical equipment maintenance industry with regard to remote monitoring and predictive maintenance technologies.

The diagnostic imaging equipment segment is expected to be the largest during the forecast period

Diagnostic Imaging Equipment segment dominated the largest market share due to the rapid advancements and widespread adoption of diagnostic imaging technologies such as MRI (Magnetic Resonance Imaging), CT (Computed Tomography), X-ray, and ultrasound systems. By ensuring that these vital diagnostic instruments operate, this specialized area of maintenance produces precise and superior medical imaging. Moreover, in light of the critical role that diagnostic imaging plays in healthcare, efficient maintenance services in this area are necessary.

The preventive maintenance segment is expected to have the highest CAGR during the forecast period

With an increasing emphasis on proactive healthcare management, healthcare providers are increasingly recognizing the importance of preventing equipment failures before they occur. Preventive Maintenance segment is expected to hold profitable growth. Preventive maintenance involves scheduled inspections, calibrations, and routine servicing to identify and address potential issues before they impact the functionality of medical equipment. This approach not only minimizes the risk of

unexpected breakdowns but also extends the lifespan of devices, ensuring consistent and reliable performance.

Region with largest share:

The medical equipment maintenance market in North America has grown robustly as a result of improvements in healthcare technology and a growing focus on equipment dependability. The region's strong healthcare system and proactive approach to healthcare management have made it possible for the market for medical equipment maintenance to grow. Additionally, a robust healthcare infrastructure, coupled with a high adoption rate of advanced medical technologies, has created a substantial demand for maintenance services in the region. These elements are enhancing the regional growth.

Region with highest CAGR:

Due to the growing healthcare infrastructure and the rising demand for advanced healthcare services, the Asia Pacific region is poised to witness substantial growth over the extrapolated period. Comprehensive maintenance solutions are becoming more and more necessary owing to rising medical technology expenditures and the rapid uptake of advanced medical equipment. In addition, the APAC region's need for dependable maintenance services has been fueled by an increase in private healthcare facilities and a focus on preventive maintenance to guarantee continuous medical services.

Key players in the market:

Some of the key players in Medical Equipment Maintenance market include Agenor Mantenimientos, Agfa-Gevaert Group, Alliance Medical, Althea Group, Avensys UK Ltd., B. Braun Melsungen ag, Bcas Biomedical Services Ltd, Canon Inc., Carestream Health, inc., Drägerwerk ag & co. Kga, Fujifilm Holdings Corporation , GE Healthcare, Grupo Empresarial Electromédico , Hitachi, Ltd., Intermed, Karl storz gmbh & co. Kg , Koninklijke Philips n.v., Medtronic plc, Olympus Corporation and Siemens Healthineers.

Key Developments:

In November 2023, Cleveland Clinic and Canon Inc. have announced intentions to form a strategic research partnership to develop innovative imaging and healthcare IT technologies aimed at improving diagnosis, care and outcomes for patients. The two organizations expect to establish a comprehensive imaging research center. The center

will potentially include shared workspace in an existing building in Cleveland's Fairfax neighbourhood, adjacent to Cleveland Clinic's main campus.

In October 2023, Althea Group Holdings Limited has announced that their cannabis medicine has been approved for patient reimbursement in Ireland. Althea states the Republic of Ireland's Primary Care Reimbursement Service has approved the company's THC20:CBD1 formulation, making it free of charge for Irish patients being treated for CINV – chemotherapy-induced nausea and vomiting.

#### Products Covered:

Diagnostic Imaging Equipment

Electrosurgical Equipment

Endoscopic Devices

Medical Lasers

Ophthalmology Equipment

Surgical Equipment

Patient Monitoring & Life Support Devices

Dental Equipment

Durable Medical Equipment

Laboratory Equipment

Radiotherapy Devices

Other Products

#### Service Providers Covered:

Independent Service Organization

Multi-Vendor Original Equipment Manufacturer

Single-Vendor Original Equipment Manufacturer

Other Service Providers

Maintenance Types Covered:

Corrective Maintenance

In-House Maintenance

Operational Maintenance

Preventive Maintenance

Other Maintenance Types

Contract Types Covered:

Add-On Contract

Basic Contract

Customized Contract

Premium Contract

Other Contract Types

End Users Covered:

Ambulatory Surgical Centers

Dental Clinics & Speciality Clinics

Diagnostic Imaging Centers

Dialysis Centers

Hospitals

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2023, 2024, 2025, 2026, 2027, 2028, 2030, 2032 and 2034

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

#### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

##### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

##### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

##### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Product Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL MEDICAL EQUIPMENT MAINTENANCE MARKET, BY PRODUCT**

- 5.1 Introduction
- 5.2 Diagnostic Imaging Equipment
  - 5.2.1 Angiography Systems
  - 5.2.2 CT Scanners
  - 5.2.3 Fluoroscopy Systems
  - 5.2.4 Mammography Systems
  - 5.2.5 MRI Systems
  - 5.2.6 Nuclear Imaging Equipment
  - 5.2.7 Other Diagnostic Imaging Equipments
  - 5.2.8 Ultrasound Systems
  - 5.2.9 X-Ray Systems
- 5.3 Electrosurgical Equipment
- 5.4 Endoscopic Devices
- 5.5 Medical Lasers
- 5.6 Ophthalmology Equipment
- 5.7 Surgical Equipment
- 5.8 Patient Monitoring & Life Support Devices
  - 5.8.1 Anesthesia Monitoring Equipment
  - 5.8.2 Dialysis Equipment
  - 5.8.3 Infusion Pumps
  - 5.8.4 Ventilators
  - 5.8.5 Other Patient Monitoring & Life Support Devices
- 5.9 Dental Equipment
  - 5.9.1 Dental Laser Devices
  - 5.9.2 Dental Radiology Equipment
  - 5.9.3 Other Dental Equipments
- 5.10 Durable Medical Equipment
- 5.11 Laboratory Equipment
- 5.12 Radiotherapy Devices
- 5.13 Other Products

## **6 GLOBAL MEDICAL EQUIPMENT MAINTENANCE MARKET, BY SERVICE PROVIDER**

- 6.1 Introduction
- 6.2 Independent Service Organization
- 6.3 Multi-Vendor Original Equipment Manufacturer

6.4 Single-Vendor Original Equipment Manufacturer

6.5 Other Service Providers

## **7 GLOBAL MEDICAL EQUIPMENT MAINTENANCE MARKET, BY MAINTENANCE TYPE**

7.1 Introduction

7.2 Corrective Maintenance

7.3 In-House Maintenance

7.4 Operational Maintenance

7.5 Preventive Maintenance

7.6 Other Maintenance Types

## **8 GLOBAL MEDICAL EQUIPMENT MAINTENANCE MARKET, BY CONTRACT TYPE**

8.1 Introduction

8.2 Add-On Contract

8.3 Basic Contract

8.4 Customized Contract

8.5 Premium Contract

8.6 Other Contract Types

## **9 GLOBAL MEDICAL EQUIPMENT MAINTENANCE MARKET, BY END USER**

9.1 Introduction

9.2 Ambulatory Surgical Centers

9.3 Dental Clinics & Speciality Clinics

9.4 Diagnostic Imaging Centers

9.5 Dialysis Centers

9.6 Hospitals

9.7 Other End Users

## **10 GLOBAL MEDICAL EQUIPMENT MAINTENANCE MARKET BY GEOGRAPHY**

10.1 Introduction

10.2 North America

10.2.1 US

10.2.2 Canada

- 10.2.3 Mexico
- 10.3 Europe
  - 10.3.1 Germany
  - 10.3.2 UK
  - 10.3.3 Italy
  - 10.3.4 France
  - 10.3.5 Spain
  - 10.3.6 Rest of Europe
- 10.4 Asia Pacific
  - 10.4.1 Japan
  - 10.4.2 China
  - 10.4.3 India
  - 10.4.4 Australia
  - 10.4.5 New Zealand
  - 10.4.6 South Korea
  - 10.4.7 Rest of Asia Pacific
- 10.5 South America
  - 10.5.1 Argentina
  - 10.5.2 Brazil
  - 10.5.3 Chile
  - 10.5.4 Rest of South America
- 10.6 Middle East & Africa
  - 10.6.1 Saudi Arabia
  - 10.6.2 UAE
  - 10.6.3 Qatar
  - 10.6.4 South Africa
  - 10.6.5 Rest of Middle East & Africa

## **11 KEY DEVELOPMENTS**

- 11.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 11.2 Acquisitions & Mergers
- 11.3 New Product Launch
- 11.4 Expansions
- 11.5 Other Key Strategies

## **12 COMPANY PROFILING**

- 12.1 Agenor Mantenimientos

- 12.2 Agfa-Gevaert Group
- 12.3 Alliance Medical
- 12.4 Althea Group
- 12.5 Avensys UK Ltd.
- 12.6 B. Braun Melsungen ag
- 12.7 Bcas Biomedical Services Ltd
- 12.8 Canon Inc.
- 12.9 Carestream Health, inc.
- 12.10 Dr?gerwerk ag & co. Kga
- 12.11 Fujifilm Holdings Corporation
- 12.12 GE Healthcare
- 12.13 Grupo Empresarial Electrom?dico
- 12.14 Hitachi, Ltd.
- 12.15 Intermed
- 12.16 Karl storz gmbh & co. Kg
- 12.17 Koninklijke Philips n.v.
- 12.18 Medtronic plc
- 12.19 Olympus Corporation
- 12.20 Siemens Healthineers

## List Of Tables

### LIST OF TABLES

- Table 1 Global Medical Equipment Maintenance Market Outlook, By Region (2023–2034) (\$MN)
- Table 2 Global Medical Equipment Maintenance Market Outlook, By Product (2023–2034) (\$MN)
- Table 3 Global Medical Equipment Maintenance Market Outlook, By Diagnostic Imaging Equipment (2023–2034) (\$MN)
- Table 4 Global Medical Equipment Maintenance Market Outlook, By Angiography Systems (2023–2034) (\$MN)
- Table 5 Global Medical Equipment Maintenance Market Outlook, By CT Scanners (2023–2034) (\$MN)
- Table 6 Global Medical Equipment Maintenance Market Outlook, By Fluoroscopy Systems (2023–2034) (\$MN)
- Table 7 Global Medical Equipment Maintenance Market Outlook, By Mammography Systems (2023–2034) (\$MN)
- Table 8 Global Medical Equipment Maintenance Market Outlook, By MRI Systems (2023–2034) (\$MN)
- Table 9 Global Medical Equipment Maintenance Market Outlook, By Nuclear Imaging Equipment (2023–2034) (\$MN)
- Table 10 Global Medical Equipment Maintenance Market Outlook, By Other Diagnostic Imaging Equipments (2023–2034) (\$MN)
- Table 11 Global Medical Equipment Maintenance Market Outlook, By Ultrasound Systems (2023–2034) (\$MN)
- Table 12 Global Medical Equipment Maintenance Market Outlook, By X-Ray Systems (2023–2034) (\$MN)
- Table 13 Global Medical Equipment Maintenance Market Outlook, By Electrosurgical Equipment (2023–2034) (\$MN)
- Table 14 Global Medical Equipment Maintenance Market Outlook, By Endoscopic Devices (2023–2034) (\$MN)
- Table 15 Global Medical Equipment Maintenance Market Outlook, By Medical Lasers (2023–2034) (\$MN)
- Table 16 Global Medical Equipment Maintenance Market Outlook, By Ophthalmology Equipment (2023–2034) (\$MN)
- Table 17 Global Medical Equipment Maintenance Market Outlook, By Surgical Equipment (2023–2034) (\$MN)
- Table 18 Global Medical Equipment Maintenance Market Outlook, By Patient Monitoring

& Life Support Devices (2023–2034) (\$MN)

Table 19 Global Medical Equipment Maintenance Market Outlook, By Anesthesia Monitoring Equipment (2023–2034) (\$MN)

Table 20 Global Medical Equipment Maintenance Market Outlook, By Dialysis Equipment (2023–2034) (\$MN)

Table 21 Global Medical Equipment Maintenance Market Outlook, By Infusion Pumps (2023–2034) (\$MN)

Table 22 Global Medical Equipment Maintenance Market Outlook, By Ventilators (2023–2034) (\$MN)

Table 23 Global Medical Equipment Maintenance Market Outlook, By Other Patient Monitoring & Life Support Devices (2023–2034) (\$MN)

Table 24 Global Medical Equipment Maintenance Market Outlook, By Dental Equipment (2023–2034) (\$MN)

Table 25 Global Medical Equipment Maintenance Market Outlook, By Dental Laser Devices (2023–2034) (\$MN)

Table 26 Global Medical Equipment Maintenance Market Outlook, By Dental Radiology Equipment (2023–2034) (\$MN)

Table 27 Global Medical Equipment Maintenance Market Outlook, By Other Dental Equipments (2023–2034) (\$MN)

Table 28 Global Medical Equipment Maintenance Market Outlook, By Durable Medical Equipment (2023–2034) (\$MN)

Table 29 Global Medical Equipment Maintenance Market Outlook, By Laboratory Equipment (2023–2034) (\$MN)

Table 30 Global Medical Equipment Maintenance Market Outlook, By Radiotherapy Devices (2023–2034) (\$MN)

Table 31 Global Medical Equipment Maintenance Market Outlook, By Other Products (2023–2034) (\$MN)

Table 32 Global Medical Equipment Maintenance Market Outlook, By Service Provider (2023–2034) (\$MN)

Table 33 Global Medical Equipment Maintenance Market Outlook, By Independent Service Organization (2023–2034) (\$MN)

Table 34 Global Medical Equipment Maintenance Market Outlook, By Multi-Vendor Original Equipment Manufacturer (2023–2034) (\$MN)

Table 35 Global Medical Equipment Maintenance Market Outlook, By Single-Vendor Original Equipment Manufacturer (2023–2034) (\$MN)

Table 36 Global Medical Equipment Maintenance Market Outlook, By Other Service Providers (2023–2034) (\$MN)

Table 37 Global Medical Equipment Maintenance Market Outlook, By Maintenance Type (2023–2034) (\$MN)

Table 38 Global Medical Equipment Maintenance Market Outlook, By Corrective Maintenance (2023–2034) (\$MN)

Table 39 Global Medical Equipment Maintenance Market Outlook, By In-House Maintenance (2023–2034) (\$MN)

Table 40 Global Medical Equipment Maintenance Market Outlook, By Operational Maintenance (2023–2034) (\$MN)

Table 41 Global Medical Equipment Maintenance Market Outlook, By Preventive Maintenance (2023–2034) (\$MN)

Table 42 Global Medical Equipment Maintenance Market Outlook, By Other Maintenance Types (2023–2034) (\$MN)

Table 43 Global Medical Equipment Maintenance Market Outlook, By Contract Type (2023–2034) (\$MN)

Table 44 Global Medical Equipment Maintenance Market Outlook, By Add-On Contract (2023–2034) (\$MN)

Table 45 Global Medical Equipment Maintenance Market Outlook, By Basic Contract (2023–2034) (\$MN)

Table 46 Global Medical Equipment Maintenance Market Outlook, By Customized Contract (2023–2034) (\$MN)

Table 47 Global Medical Equipment Maintenance Market Outlook, By Premium Contract (2023–2034) (\$MN)

Table 48 Global Medical Equipment Maintenance Market Outlook, By Other Contract Types (2023–2034) (\$MN)

Table 49 Global Medical Equipment Maintenance Market Outlook, By End User (2023–2034) (\$MN)

Table 50 Global Medical Equipment Maintenance Market Outlook, By Ambulatory Surgical Centers (2023–2034) (\$MN)

Table 51 Global Medical Equipment Maintenance Market Outlook, By Dental Clinics & Speciality Clinics (2023–2034) (\$MN)

Table 52 Global Medical Equipment Maintenance Market Outlook, By Diagnostic Imaging Centers (2023–2034) (\$MN)

Table 53 Global Medical Equipment Maintenance Market Outlook, By Dialysis Centers (2023–2034) (\$MN)

Table 54 Global Medical Equipment Maintenance Market Outlook, By Hospitals (2023–2034) (\$MN)

Table 55 Global Medical Equipment Maintenance Market Outlook, By Other End Users (2023–2034) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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