

Anesthesia Information Management Systems Market Report and Forecast 2025-2034

Market Report | 2025-07-27 | 350 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$4949.00
- Five User License \$5949.00
- Corporate License \$6969.00

Report description:

The global anesthesia information management systems market was valued at USD 200.78 Million in 2024, driven by growing adoption of electronic health records (EHRs) and improving patient safety and quality of care by standardizing anesthesia documentation across the globe. The market is expected to grow at a CAGR of 8.20% during the forecast period of 2025-2034 with the values likely to reach USD 441.56 Million by 2034.

Global Anesthesia Information Management Systems Market Overview

Anesthesia information management systems (AIMS) are specialized software platforms designed to support the documentation, management, and analysis of anesthesia-related data and workflows in healthcare settings. These systems are specifically tailored to the unique needs of anesthesia providers, including anesthesiologists, nurse anesthetists, and anesthesia assistants, to facilitate comprehensive perioperative care delivery. The system tracks clinical data of a patient during an operation to increase the efficiency of medical administration. An electronic system records anesthesia-related information in digital format, facilitating efficient, reliable storage and collection of patient information for better medical care.

The anesthesia information management systems market has been experiencing steady growth in recent years, driven by factors such as increasing surgical volumes, growing demand for perioperative solutions, and the emphasis on patient safety and clinical quality in anesthesia care.

As the surgical volume rises, there is a corresponding increase in the demand for anesthesia services to ensure safe and effective perioperative care. Anesthesia providers require sophisticated tools and technologies to manage anesthesia delivery, monitor patient vital signs, and document anesthesia procedures accurately, which is expected to increase the demand for AIMS.

Global Anesthesia Information Management Systems Market Growth Drivers

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Increase in Surgical Procedures

According to "Global Surgery 2030: Evidence and solutions for achieving health, welfare, and economic development," an article published by The Lancet, approximately 313 million surgical procedures are performed worldwide each year. The rise in surgical procedures globally, driven by factors such as population growth, aging demographics, and advancements in surgical techniques, directly fuels the demand for AIMS solutions. As surgical volumes increase, healthcare facilities seek advanced perioperative technologies to improve anesthesia delivery, documentation, and patient safety, driving the adoption of AIMS platforms.

Technological Advancements in Healthcare IT is Expected to Propel Anesthesia Information Management Systems Market Demand

Advances in healthcare information technology, including interoperability, cloud computing, artificial intelligence (AI), and machine learning (ML), driving innovation in AIMS platforms. Modern anesthesia information management systems leverage advanced technologies to improve interoperability with other clinical systems, enable predictive analytics for clinical decision support, and enhance user experience and workflow efficiency. Healthcare providers seek AIMS solutions that offer cutting-edge technology capabilities to meet their evolving needs. Hence, increasing technological advancements leads to development of more advanced product and is expected to propel the market growth.

Global Anesthesia Information Management Systems Market Trends

The market is witnessing several trends and developments to improve the current global scenario. Some of the notable trends are as follows:

Integration with Electronic Health Records (EHRs)

There is a growing emphasis on interoperability and seamless data exchange between AIMS platforms and EHR systems. Integrated AIMS-EHR solutions enable comprehensive patient data capture, care coordination, and continuity of information across the perioperative continuum. This integration is creating demand in the market and is expected to boost in upcoming years.

Advanced Analytics and Predictive Modeling

AIMS platforms are incorporating advanced analytics and predictive modeling capabilities to enable data-driven decision-making, performance improvement initiatives, and clinical research in anesthesia practice. Analytics tools offer insights into anesthesia outcomes, resource utilization, and perioperative efficiency metrics, empowering healthcare organizations to optimize anesthesia care delivery, enhance patient safety, and drive market growth.

Rise in Strategic Partnerships

The anesthesia information management systems market is influenced by strategic mergers and acquisitions activities among manufacturers, healthcare providers, and technology companies that are driving innovation and fostering market expansion. These collaborations are accelerating the development of advanced products and augmenting the market reach globally.

Global Anesthesia Information Management Systems Market Segmentation

The EMR's report titled "Anesthesia Information Management Systems Market Report and Forecast 2025-2034" offers a detailed

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

analysis of the market based on the following segments:

Market Breakup by Type

- Hardware
- Software

Market Breakup by Mode

- Preoperative Mode
- Intraoperative Mode

Market Breakup by End User

- Hospitals
- Specialty Clinics
- Ambulatory Surgery Centers
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Global Anesthesia Information Management Systems Market Share

Market Segmentation Based on Type is Anticipated to Witness Substantial Growth

By type, the market is segmented into hardware and software. The hardware segment is experiencing high growth in the market as installing such systems along with the complete setup would give the user a cost-effective option and lead to savings on on-capital equipment and related maintenance. Software are being integrated with machine learning algorithms, so as to facilitate automate and streamline workflows of healthcare professionals.

Global Anesthesia Information Management Systems Market Analysis by Region

Based on the region, the market report covers North America, Europe, Asia Pacific, Latin America, along with Middle East and Africa. North America is dominating the market share as this region is at the forefront of healthcare technology innovation. The region boasts a robust ecosystem of healthcare IT companies, research institutions, and academic medical centers that drive advancements in anesthesia information management systems. Innovative technologies such as artificial intelligence (AI), cloud computing, and mobile applications are being leveraged to develop cutting-edge AIMS solutions that meet the evolving needs of anesthesia providers and healthcare organizations.

Europe is also expected to hold a substantial anesthesia information management systems market share due to increasing adoption of healthcare information technology (HIT) solutions, aimed at improving patient care, enhance clinical workflows, and

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

optimize healthcare delivery. Additionally, Asia Pacific is expected to witness substantial market growth as APAC countries are witnessing a significant increase in surgical volumes due to population growth, aging demographics, and the epidemiological transition towards non-communicable diseases.

Leading Players in the Global Anesthesia Information Management Systems Market

The key features of the market report include patent analysis, funding and investment analysis, and strategic initiatives including partnerships, and collaborations by the key players. The major companies in the market are as follows:

Koninklijke Philips N.V.

Koninklijke Philips N.V., is a global leader in healthcare technology, offering a wide range of products and solutions for healthcare providers worldwide. The company's expertise in healthcare informatics and perioperative solutions, positioning it to have an impact on the AIMS market.

General Electric Company

General Electric Company is a prominent player in the healthcare technology industry, known for its diverse portfolio of medical devices, imaging equipment, and healthcare IT solutions including anesthesia information management systems (AIMS).

Oracle

Oracle Corporation, a global leader in enterprise software solutions and cloud computing services, has expertise in database management, cloud computing, and enterprise software solutions which impacts the AIMS market.

Other key players in the market include Dragerwerk AG & Co. KGaA, BOW Medical, iMDsoft Ltd., Surgical Information Systems, PICIS Clinical Solutions, Fukuda Denshi, among others.

Key Questions Answered in the Global Anesthesia Information Management Systems Market Report

- What was the global anesthesia information management systems market value in 2024?
- What is the global anesthesia information management systems market forecast outlook for 2025-2034?
- What are the regional markets covered in the EMR report?
- What is market segmentation based on type?
- What is market segmentation based on mode?
- What are the major factors aiding the global anesthesia information management systems market demand?
- How has the market performed so far and how is it anticipated to perform in the coming years?
- What are the major market trends influencing the market?
- What are the major drivers, opportunities, and restraints in the market?
- Which regional market is expected to lead the market share in the forecast period?
- Which country is estimated to witness expedited growth during the forecast period?
- How does the growing technological advancements impact the market size?
- Which mode is expected to have a high market value in the coming years?
- Who are the key players involved in the anesthesia information management systems market?
- What are the current unmet needs and challenges in the market?

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- How are partnerships, collaborations, mergers and acquisitions among the key market players shaping the market dynamics?

Table of Contents:

- 1 Preface
 - 1.1 Objectives of the Study
 - 1.2 Key Assumptions
 - 1.3 Report Coverage - Key Segmentation and Scope
 - 1.4 Research Methodology
- 2 Executive Summary
- 3 Global Anesthesia Information Management Systems Market Overview
 - 3.1 Global Anesthesia Information Management Systems Market Historical Value (2018-2024)
 - 3.2 Global Anesthesia Information Management Systems Market Forecast Value (2025-2034)
- 4 Vendor Positioning Analysis
 - 4.1 Key Vendors
 - 4.2 Prospective Leaders
 - 4.3 Niche Leaders
 - 4.4 Disruptors
- 5 Global Anesthesia Information Management Systems Market Landscape*
 - 5.1 Global Anesthesia Information Management Systems: Developers Landscape
 - 5.1.1 Analysis by Year of Establishment
 - 5.1.2 Analysis by Company Size
 - 5.1.3 Analysis by Region
 - 5.2 Global Anesthesia Information Management Systems: Product Landscape
 - 5.2.1 Analysis by Type
 - 5.2.2 Analysis by Mode
- 6 Global Anesthesia Information Management Systems Market Dynamics
 - 6.1 Market Drivers and Constraints
 - 6.2 SWOT Analysis
 - 6.2.1 Strengths
 - 6.2.2 Weaknesses
 - 6.2.3 Opportunities
 - 6.2.4 Threats
 - 6.3 PESTEL Analysis
 - 6.3.1 Political
 - 6.3.2 Economic
 - 6.3.3 Social
 - 6.3.4 Technological
 - 6.3.5 Legal
 - 6.3.6 Environment
 - 6.4 Porter's Five Forces Model
 - 6.4.1 Bargaining Power of Suppliers
 - 6.4.2 Bargaining Power of Buyers
 - 6.4.3 Threat of New Entrants
 - 6.4.4 Threat of Substitutes
 - 6.4.5 Degree of Rivalry

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.5 Key Demand Indicators
- 6.6 Key Price Indicators
- 6.7 Industry Events, Initiatives, and Trends
- 6.8 Value Chain Analysis
- 7 Global Anesthesia Information Management Systems Market Segmentation (218-2034)
 - 7.1 Global Anesthesia Information Management Systems Market (2018-2034) by Type
 - 7.1.1 Market Overview
 - 7.1.2 Hardware
 - 7.1.3 Software
 - 7.2 Global Anesthesia Information Management Systems Market (2018-2034) by Mode
 - 7.2.1 Market Overview
 - 7.2.2 Preoperative Mode
 - 7.2.3 Intraoperative Mode
 - 7.3 Global Anesthesia Information Management Systems Market (2018-2034) by End User
 - 7.3.1 Market Overview
 - 7.3.2 Hospitals
 - 7.3.3 Specialty Clinics
 - 7.3.4 Ambulatory Surgery Centers
 - 7.3.5 Others
 - 7.4 Global Anesthesia Information Management Systems Market (2018-2034) by Region
 - 7.4.1 Market Overview
 - 7.4.2 North America
 - 7.4.3 Europe
 - 7.4.4 Asia Pacific
 - 7.4.5 Latin America
 - 7.4.6 Middle East and Africa
- 8 North America Anesthesia Information Management Systems Market (218-2034)
 - 8.1 North America Anesthesia Information Management Systems Market (2018-2034) by Type
 - 8.1.1 Market Overview
 - 8.1.2 Hardware
 - 8.1.3 Software
 - 8.2 North America Anesthesia Information Management Systems Market (2018-2034) by Mode
 - 8.2.1 Market Overview
 - 8.2.2 Preoperative Mode
 - 8.2.3 Intraoperative Mode
 - 8.3 North America Anesthesia Information Management Systems Market (2018-2034) by End User
 - 8.3.1 Market Overview
 - 8.3.2 Hospitals
 - 8.3.3 Specialty Clinics
 - 8.3.4 Ambulatory Surgery Centers
 - 8.3.5 Others
 - 8.4 North America Anesthesia Information Management Systems Market (2018-2034) by Country
 - 8.4.1 United States of America
 - 8.4.2 Canada
- 9 Europe Anesthesia Information Management Systems Market (218-2034)
 - 9.1 Europe Anesthesia Information Management Systems Market (2018-2034) by Type
 - 9.1.1 Market Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.1.2 Hardware
- 9.1.3 Software
- 9.2 Europe Anesthesia Information Management Systems Market (2018-2034) by Mode
 - 9.2.1 Market Overview
 - 9.2.2 Preoperative Mode
 - 9.2.3 Intraoperative Mode
- 9.3 Europe Anesthesia Information Management Systems Market (2018-2034) by End User
 - 9.3.1 Market Overview
 - 9.3.2 Hospitals
 - 9.3.3 Specialty Clinics
 - 9.3.4 Ambulatory Surgery Centers
 - 9.3.5 Others
- 9.4 Europe Anesthesia Information Management Systems Market (2018-2034) by Country
 - 9.4.1 United Kingdom
 - 9.4.2 Germany
 - 9.4.3 France
 - 9.4.4 Italy
 - 9.4.5 Others
- 10 Asia Pacific Anesthesia Information Management Systems Market (2018-2034)
 - 10.1 Asia Pacific Anesthesia Information Management Systems Market (2018-2034) by Type
 - 10.1.1 Market Overview
 - 10.1.2 Hardware
 - 10.1.3 Software
 - 10.2 Asia Pacific Anesthesia Information Management Systems Market (2018-2034) by Mode
 - 10.2.1 Market Overview
 - 10.2.2 Preoperative Mode
 - 10.2.3 Intraoperative Mode
 - 10.3 Asia Pacific Anesthesia Information Management Systems Market (2018-2034) by End User
 - 10.3.1 Market Overview
 - 10.3.2 Hospitals
 - 10.3.3 Specialty Clinics
 - 10.3.4 Ambulatory Surgery Centers
 - 10.3.5 Others
 - 10.4 Asia Pacific Anesthesia Information Management Systems Market (2018-2034) by Country
 - 10.4.1 China
 - 10.4.2 Japan
 - 10.4.3 India
 - 10.4.4 ASEAN
 - 10.4.5 Australia
 - 10.4.6 Others
- 11 Latin America Anesthesia Information Management Systems Market (2018-2034)
 - 11.1 Latin America Anesthesia Information Management Systems Market (2018-2034) by Type
 - 11.1.1 Market Overview
 - 11.1.2 Hardware
 - 11.1.3 Software
 - 11.2 Latin America Anesthesia Information Management Systems Market (2018-2034) by Mode
 - 11.2.1 Market Overview

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 11.2.2 Preoperative Mode
- 11.2.3 Intraoperative Mode
- 11.3 Latin America Anesthesia Information Management Systems Market (2018-2034) by End User
 - 11.3.1 Market Overview
 - 11.3.2 Hospitals
 - 11.3.3 Specialty Clinics
 - 11.3.4 Ambulatory Surgery Centers
 - 11.3.5 Others
- 11.4 Latin America Anesthesia Information Management Systems Market (2018-2034) by Country
 - 11.4.1 Brazil
 - 11.4.2 Argentina
 - 11.4.3 Mexico
 - 11.4.4 Others
- 12 Middle East and Africa Anesthesia Information Management Systems Market (218-2034)
 - 12.1 Middle East and Africa Anesthesia Information Management Systems Market (2018-2034) by Type
 - 12.1.1 Market Overview
 - 12.1.2 Hardware
 - 12.1.3 Software
 - 12.2 Middle East and Africa Anesthesia Information Management Systems Market (2018-2034) by Mode
 - 12.2.1 Market Overview
 - 12.2.2 Preoperative Mode
 - 12.2.3 Intraoperative Mode
 - 12.3 Middle East and Africa Anesthesia Information Management Systems Market (2018-2034) by End User
 - 12.3.1 Market Overview
 - 12.3.2 Hospitals
 - 12.3.3 Specialty Clinics
 - 12.3.4 Ambulatory Surgery Centers
 - 12.3.5 Others
 - 12.4 Middle East and Africa Anesthesia Information Management Systems Market (2018-2034) by Country
 - 12.4.1 Saudi Arabia
 - 12.4.2 United Arab Emirates
 - 12.4.3 Nigeria
 - 12.4.4 South Africa
 - 12.4.5 Others
- 13 Regulatory Framework
 - 13.1 Regulatory Overview
 - 13.2 US FDA
 - 13.3 EU EMA
 - 13.4 INDIA CDSCO
 - 13.5 JAPAN PMDA
 - 13.6 Others
- 14 Patent Analysis
 - 14.1 Analysis by Type of Patent
 - 14.2 Analysis by Publication Year
 - 14.3 Analysis by Issuing Authority
 - 14.4 Analysis by Patent Age
 - 14.5 Analysis by CPC Analysis

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 14.6 Analysis by Patent Valuation
- 14.7 Analysis by Key Players
- 15 Funding and Investment Analysis
 - 15.1 Analysis by Funding Instances
 - 15.2 Analysis by Type of Funding
 - 15.3 Analysis by Funding Amount
 - 15.4 Analysis by Leading Players
 - 15.5 Analysis by Leading Investors
 - 15.6 Analysis by Geography
- 16 Strategic Initiatives
 - 16.1 Analysis by Partnership Instances
 - 16.2 Analysis by Type of Partnership and Collaborations
 - 16.3 Analysis by Joint Ventures
 - 16.4 Analysis by Leading Players
 - 16.5 Analysis by Geography
- 17 Supplier Landscape
 - 17.1 Market Share Analysis, By Region (Top 5 Companies)
 - 17.1.1 Market Share Analysis: Global
 - 17.1.2 Market Share Analysis: North America
 - 17.1.3 Market Share Analysis: Europe
 - 17.1.4 Market Share Analysis: Asia-Pacific
 - 17.1.5 Market Share Analysis: Others
 - 17.2 Koninklijke Philips N.V.
 - 17.2.1 Financial Analysis
 - 17.2.2 Product Portfolio
 - 17.2.3 Demographic Reach and Achievements
 - 17.2.4 Mergers and Acquisitions
 - 17.2.5 Certifications
 - 17.3 General Electric Company
 - 17.3.1 Financial Analysis
 - 17.3.2 Product Portfolio
 - 17.3.3 Demographic Reach and Achievements
 - 17.3.4 Mergers and Acquisitions
 - 17.3.5 Certifications
 - 17.4 Dragerwerk AG & Co. KGaA
 - 17.4.1 Financial Analysis
 - 17.4.2 Product Portfolio
 - 17.4.3 Demographic Reach and Achievements
 - 17.4.4 Mergers and Acquisitions
 - 17.4.5 Certifications
 - 17.5 Oracle
 - 17.5.1 Financial Analysis
 - 17.5.2 Product Portfolio
 - 17.5.3 Demographic Reach and Achievements
 - 17.5.4 Mergers and Acquisitions
 - 17.5.5 Certifications
 - 17.6 iMDsoft Ltd.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 17.6.1 Financial Analysis
- 17.6.2 Product Portfolio
- 17.6.3 Demographic Reach and Achievements
- 17.6.4 Mergers and Acquisitions
- 17.6.5 Certifications
- 17.7 BOW Medical
 - 17.7.1 Financial Analysis
 - 17.7.2 Product Portfolio
 - 17.7.3 Demographic Reach and Achievements
 - 17.7.4 Mergers and Acquisitions
 - 17.7.5 Certifications
- 17.8 PICIS Clinical Solutions
 - 17.8.1 Financial Analysis
 - 17.8.2 Product Portfolio
 - 17.8.3 Demographic Reach and Achievements
 - 17.8.4 Mergers and Acquisitions
 - 17.8.5 Certifications
- 17.9 Surgical Information Systems
 - 17.9.1 Financial Analysis
 - 17.9.2 Product Portfolio
 - 17.9.3 Demographic Reach and Achievements
 - 17.9.4 Mergers and Acquisitions
 - 17.9.5 Certifications
- 17.10 Fukuda Denshi
 - 17.10.1 Financial Analysis
 - 17.10.2 Product Portfolio
 - 17.10.3 Demographic Reach and Achievements
 - 17.10.4 Mergers and Acquisitions
 - 17.10.5 Certifications
- 18 Global Anesthesia Information Management Systems Market - Distribution Model (Additional Insight)
- 18.1 Overview
- 18.2 Potential Distributors
- 18.3 Key Parameters for Distribution Partner Assessment
- 19 Key Opinion Leaders (KOL) Insights (Additional Insight)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

**Anesthesia Information Management Systems Market Report and Forecast
2025-2034**

Market Report | 2025-07-27 | 350 pages | EMR Inc.

To place an Order with Scotts International:

- Print this form
- Complete the relevant blank fields and sign
- Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4949.00
	Five User License	\$5949.00
	Corporate License	\$6969.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2026-03-16"/>
		Signature	

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

