

Wireless Healthcare Market Report by Component (Hardware, Software, Services), Technology (Wireless Personal Area Network (WPAN), Wi-Fi, Worldwide Interoperability for Microwave Access (WiMAX), Wireless Wide Area Network (WWAN)), Application (Patient Specific, Provider/Payer Specific), End User (Hospitals and Nursing Homes, Home Care, Pharmaceuticals, and Others), and Region 2024-2032

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Abstracts

The global wireless healthcare market size reached US\$ 191.9 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 913.0 Billion by 2032, exhibiting a growth rate (CAGR) of 18.4% during 2024-2032.

Wireless healthcare includes advanced software and hardware technologies designed to communicate, diagnose, treat, and monitor patient health conditions. They can be connected with conventional or embedded monitoring systems, which allow sensors to determine the body temperature, glucose levels, and heartbeat of an individual. Wireless healthcare aids in managing data communities, keeping track of various health parameters, ensuring documentation accuracy, and optimizing overall work efficiency. Along with this, it stores real-time information regarding patients' health while meeting regulatory compliances at minimal operational costs. Based on these properties, wireless healthcare is frequently utilized by hospitals and clinics to virtually connect with patients remotely for treatment purposes. At present, wireless health is mainly available in varying technologies, such as WiMAX, WAPN, and Wi-Fi.

Wireless Healthcare Market Trends:

With the significant enhancements in the healthcare infrastructure, there has been an increasing need for Internet of Things (IoT)-enabled remote monitoring and communication technologies. This, in turn, has intensified the widespread adoption of wireless healthcare solutions in hospitals and nursing homes to provide better treatment by accumulating medical information via body-worn sensors. In line with this, the growing proliferation of smartphones and the acceptance of various wearable medical devices in diagnostic sensors are acting as other growth-inducing factors. Additionally, the escalating prevalence of hospital-acquired infections (HAIs), especially during the COVID-19 pandemic, has supplemented the demand for wireless healthcare to mitigate physical contact, which is propelling the market growth. Moreover, the advent of mHealth solutions, mobile applications for healthcare practitioners to connect with patients, and biosensors to acquire information regarding health conditions are supporting the market growth. Other factors, such as the implementation of a patient-centric approach by hospitals and governments, the rising uptake of connected devices, and mainstreaming cloud computing to store patient data, are creating a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global wireless healthcare market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on component, technology, application and end user.

Breakup by Component:

- Hardware
- Software
- Services

Breakup by Technology:

- Wireless Personal Area Network (WPAN)
- Wi-Fi
- Worldwide Interoperability for Microwave Access (WiMAX)
- Wireless Wide Area Network (WWAN)

Breakup by Application:

- Patient Specific

Provider/Payer Specific

Breakup by End User:

Hospitals and Nursing Homes

Home Care

Pharmaceuticals

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being ALE International (China Poly Group Corporation),

Allscripts Healthcare Solutions Inc., Apple Inc., AT&T Inc., Epic Systems Corporation, Koninklijke Philips N.V., Omron Corporation, Qualcomm Inc., Samsung Electronics Co. Ltd and Vocera Communications (Stryker Corporation).

Key Questions Answered in This Report

1. What was the size of the global wireless healthcare market in 2023?
2. What is the expected growth rate of the global wireless healthcare market during 2024-2032?
3. What are the key factors driving the global wireless healthcare market?
4. What has been the impact of COVID-19 on the global wireless healthcare market?
5. What is the breakup of the global wireless healthcare market based on the component?
6. What is the breakup of the global wireless healthcare market based on the technology?
7. What is the breakup of the global wireless healthcare market based on application?
8. What are the key regions in the global wireless healthcare market?
9. Who are the key players/companies in the global wireless healthcare market?

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