

Biometrics As a Service in Healthcare Market by Component, Modality (Unimodal, Multimodal), Solution Type (Fingerprint, Iris, Vein Recognition), Application (Patient Identification, Medical Record Security), Region - Global Forecast to 2028

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Abstracts

The global biometrics as a service in the healthcare market is projected to reach USD 1.1 billion by 2028 from USD 0.4 billion in 2023, at a CAGR of 20.7% during the forecast period. The rapid expansion of telemedicine and remote patient monitoring, driven by the need for accessible healthcare services and the ongoing digital transformation of the industry, places an exceptional demand on secure and accurate patient identification. Biometrics, with their precision and reliability, emerge as indispensable tools in ensuring the integrity and safety of remote healthcare services. They not only safeguard sensitive patient data but also streamline authentication processes, enhancing the overall quality and trustworthiness of these services. As such, the integration of biometric solutions in telemedicine and remote patient monitoring is a pivotal driver in bolstering market growth and facilitating the widespread adoption of these innovative healthcare delivery methods. The absence of universally accepted biometric standards within the healthcare industry presents a significant challenge, potentially impeding the growth of the market.

'Software segment accounted for the largest share and is expected to grow at the highest rate during the forecast period.'

Healthcare regulatory frameworks, notably HIPAA (Health Insurance Portability and Accountability Act), necessitate stringent authentication protocols and data security measures to safeguard sensitive patient information. In response to these imperative compliance demands, biometric software solutions have emerged as a pivotal asset for

healthcare organizations. By seamlessly integrating biometric authentication methods into their operations, healthcare entities can effectively meet these compliance mandates, ensuring the confidentiality and integrity of patient data. This strategic alignment not only enhances regulatory adherence but also serves as a catalyst in propelling the continued growth of the healthcare biometrics market.

'The multimodal modality segment accounted for the largest share and is expected to grow at the highest rate during the forecast period.'

Multimodal biometric solutions, characterized by utilizing multiple biometric modalities such as facial recognition, fingerprint scans, and iris recognition, are increasingly accessible to healthcare organizations of diverse sizes through the innovative Biometrics as a Service (BaaS) model. This cloud-based service delivery approach streamlines implementation and significantly reduces upfront capital expenditures. As a result, regardless of their scale, healthcare providers can harness the benefits of multimodal biometrics, bolstering their security and authentication measures, enhancing patient care, and simultaneously driving the growth trajectory of the healthcare biometrics market.

'Fingerprint solution segment accounted for the largest share of the global biometrics as a service in the healthcare market.'

Fingerprint biometrics stand as a linchpin in the healthcare sector, assuring precise patient identification and mitigating the risk of duplicative medical records. This assurance not only elevates the quality of patient care but also streamlines administrative processes. Furthermore, fingerprint authentication is a robust means to verify patient consent in medical procedures and data sharing, thus engendering regulatory compliance and fortifying patient data privacy. The amalgamation of these attributes propels the sustained expansion of the healthcare biometrics market, as healthcare providers increasingly recognize the pivotal role of fingerprint biometrics in enhancing both patient care quality and data security.

'Medical record and data center security application segment accounted for the largest share and is expected to grow at the highest rate during the forecast period of the global biometrics as a service in the healthcare market.'

Ongoing developments in biometric technology, exemplified by advancements in facial recognition and fingerprint scanning, have ushered in a new era of medical record and data center security marked by enhanced versatility and heightened levels of security.

These technological strides not only expand the range of applications but also furnish more robust security measures, thereby positioning biometrics as a critical instrument for fortifying data center security infrastructure. In recognition of these advancements and their consequential impacts, the market for biometric solutions in medical record and data center security is poised for substantial growth, symbolizing the industry's commitment to adapt to evolving security requirements and to continually augment the safeguards surrounding critical data assets.

“Hospitals and clinics end-user segment held the largest market share growing at the highest CAGR during the forecast period of the biometrics as a service in the healthcare market.”

The strategic deployment of biometric authentication solutions has proven instrumental in the healthcare sector for the verification of insurance details, a measure that not only effectively curtails fraudulent activities but also significantly streamlines the complex billing processes inherent to the industry. By incorporating biometric measures into insurance verification procedures, healthcare organizations are distinctly positioned to bolster financial integrity while expediting billing procedures, exemplifying the industry's commitment to stringent financial oversight and operational efficiency. This strategic alignment underscores the instrumental role played by biometrics in advancing the healthcare biometrics market, emblematic of its pivotal contribution to optimizing financial processes within the sector.

“North America to Witness Significant Growth From 2023 to 2028.”

Biometrics as a service in the healthcare market has been segmented into four major regional segments: North America, Europe, Asia Pacific, and the Rest of the World. In 2022, the Asia Pacific region is anticipated to exhibit the highest compound annual growth rate (CAGR) during the forecast period. However, the North American market held the largest market share of the global market. The North American region benefits from a sophisticated and well-established healthcare infrastructure, which inherently facilitates the seamless adoption and integration of biometric solutions within existing healthcare systems. This advantage enables healthcare organizations to swiftly leverage the capabilities of biometric technologies, bolstering security, enhancing patient identification, and optimizing operational efficiency. Consequently, the North American market for healthcare biometrics experiences accelerated growth as these organizations harness the strengths of biometric solutions to address evolving healthcare challenges effectively and efficiently.

Breakdown of supply-side primary interviews: • By Company Type: Tier 1 – 40%, Tier 2 – 35%, and Tier 3 – 25% • By Designation: C-level – 25%, Director-level – 55%, and Others – 20% • By Region: North America - 40%, Europe – 25%, APAC – 20%, Latin America – 10%, Middle East & Africa – 5%

Some of the prominent players operating in the biometrics as a service in the healthcare market are NEC Corporation (Japan), Fujitsu Limited (Japan), Imprivata, Inc. (US), Suprema Inc. (South Korea), BIO-key International, Inc. (US), Thales (US), ASSA ABLOY (HID Global Corporation) (US), Cognitec Systems GmbH (Germany), Hitachi, Ltd. (Japan), IDEX Biometrics ASA (Europe), Spectra Technovision (India) Pvt. Ltd. (India), Aware, Inc. (US), Aratek (US), Advent International, L.P. (US), NICE Ltd. (Israel), Voice Biometrics Group (US), Imagicware (US)

Research Coverage

This report studies biometrics as a service in the healthcare market based on component, modality, solution type, end users, and regions. The report also studies factors (such as drivers, restraints, opportunities, and challenges) affecting market growth. It analyzes the opportunities and challenges in the market and provides details of the competitive landscape for market leaders. Furthermore, the report analyzes micro markets with respect to their individual growth trends and forecasts the revenue of the market segments with respect to four main regions and respective countries.

Reasons to Buy the Report

The report can help established firms as well as new entrants/smaller firms to gauge the pulse of the market, which, in turn, would help them garner a greater share. Firms purchasing the report could use one or a combination of the below-mentioned five strategies.

This report provides insights into the following pointers:

Analysis of key drivers (growing need for patient identification and authentication, rising incidences of medical identity theft and data breaches, growing initiatives supporting biometrics adoption in healthcare), restraints (high costs associated with biometric systems, increased hygiene concerns and high risk of transmission of infectious diseases posed by touch-based biometric solutions), opportunities (increasing demand for advanced biometric solutions designed for authentication and identification applications, growing focus on

availability of Biometric-as-a-Service solutions), and challenges (failure in detecting authorized and unauthorized users, complexities in implementing recognition technologies within existing healthcare systems) influencing the growth of healthcare biometrics/biometrics as a service in healthcare market.

Product Development/Innovation: Detailed insights on upcoming technologies, research and development activities, and product launches in biometrics as a service in the healthcare market.

Market Development: Comprehensive information about lucrative emerging markets. The report analyzes the markets for various types of biometrics as a service across regions.

Market Diversification: Exhaustive information about products, untapped regions, recent developments, and investments in biometrics as a service in the healthcare market.

Competitive Assessment: In-depth assessment of market shares, strategies, products, distribution networks, and manufacturing capabilities of the leading players in biometrics as a service in the healthcare market.

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