

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Biometric Sensors Market 2018, Forecast to 2023

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Abstracts

Biometrics is the technical term for body measurements and calculations. It refers to metrics related to human characteristics. Biometrics authentication is used in computer science as a form of identification and access control. It is also used to identify individuals in groups that are under surveillance. Biometric identifiers are the distinctive, measurable characteristics used to label and describe individuals. Biometric identifiers are often categorized as physiological versus behavioral characteristics. Physiological characteristics are related to the shape of the body. Examples include, but are not limited to fingerprint, palm veins, face recognition, DNA, palm print, hand geometry, iris recognition, retina and scent. Behavioral characteristics are related to the pattern of behavior of a person, including but not limited to typing rhythm, gait, and voice. Some researchers have coined the term behaviometrics to describe the latter class of biometrics.

Scope of the Report:

This report focuses on the Biometric Sensors in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Surge in demand for fingerprint identification for getting access in smart devices and smart phones is positively impacting the growth of biometric sensors market. Moreover, increased demand for smartwatches, wearable devices, consumer electronic products, and biometric sensor based tablets, are also contributing in the development of the overall market. Ease of usage of biometric sensors is another factor driving the demand in the market. These sensors are compact and lightweight, which makes them easy to handle and install. Additionally, rising demand for better data safety and security as per

the application is another factor propelling the market growth. However, there are some factors are expected to hamper the market growth. There are several regions whose cultural hindrance is restricting the potential growth of the market. Along with this, lack of standardization of the implementation and development and process is as well expected to bring down the demand of global biometric sensors in the market. APAC is the largest revenue-generating region in the market and is likely to occupy more than 34% of the overall market revenue during the forecast period. Much of the region's growth can be attributed to the growing shift of various organizations from smart-card-based systems to biometric-based systems. The governments of several APAC nations such as India are increasingly using fingerprint biometrics for varied purposes including supervision of employee attendance and for preventing infiltration across borders. The Indian government has also introduced Aadhar Card issued by Unique Identification Authority of India (UIDAI) for biometric attendance system in government organizations. The growing investments in the security-related projects and cross-border management will spur the growth prospects for the market in this region over the next few years.

The worldwide market for Biometric Sensors is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

3M

Crossmatch

NEC

Safran

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Capacitive Sensors

Optical Sensors

Thermal Sensors

Ultrasound Sensors

Electric Field Sensors

Market Segment by Applications, can be divided into

Consumer Electronics

Commercial Centers and Buildings

Medical and Research Labs

Banking Sector

Financial Services Sector

Defense and Security

Others

There are 15 Chapters to deeply display the global Biometric Sensors market.

Chapter 1, to describe Biometric Sensors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

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Chapter 2, to analyze the top manufacturers of Biometric Sensors, with sales, revenue, and price of Biometric Sensors, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Biometric Sensors, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Biometric Sensors market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Biometric Sensors sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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