

Europe Biometric Sensor Market (2016 - 2022)

<https://marketpublishers.com/r/E46991B3C19EN.html>

Date: January 2017

Pages: 79

Price: US\$ 1,500.00 (Single User License)

ID: E46991B3C19EN

Abstracts

Biometric sensor is a type of transducer that transforms biometric entities such as voice, face, fingerprint, and others into electrical signals which can be then processed digitally. Once the user is authorized, access is then granted to the user accordingly. Biometric sensors possess very high versatility; therefore, are used in wide range of applications. Various applications have been adopting biometric features since Apple's first incorporation. MasterCard has taken a step ahead and is incorporating heartbeat monitor to replace the use of pin code while conducting money transactions.

Growing incidences of cybercrimes and security breaches would be the leading causes for the growth of the biometric sensors market. However, substantial R&D investments would pose as a challenge for the market growth. The rise of internet age has given rise to several challenges; therefore, the need for a superior security system is the pressing need of the hour. Biometric sensors are used in commercialized buildings, banking sectors, medical & research labs, and in smart weapons owing to superior levels of security protocols.

Based on the type, biometric sensors market is categorized into capacitive sensors, optical sensors, thermal sensors, ultrasound sensors, and electric field sensors. Optical sensors are majorly used in telecommunication and medical equipment. Ultrasound, thermal, and electric field sensors are majorly used in applications such as distance measuring equipment, temperature monitoring devices, electric field measuring devices and others. Optical sensors are majorly used in many applications as compared to any other biometric sensors. Electro-optical sensors are majorly used when the need to convert light to energy arises; therefore, are majorly found in most of the application areas. Most common applications are in smart phones to adjust screen brightness, and in wearable gadgets to measure heartbeat.

Based on Country, Europe Biometric Sensor market is segmented into Germany, UK,

France, Russia, Spain, Italy and Rest of Europe. Germany remained the dominant Country in the Europe Cloud Security market in 2015. France and Russia would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Biometric Sensor market. Key companies profiled in the report include Infineon Technologies AG, NEC Corporation, Zkteco, Precise Biometrics Fulcrum Biometrics, IDEX ASA, Cross Match Technologies and Suprema Inc.

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