

# Next Generation Biometric Technologies Market Global Forecast & Analysis (2012 - 2017) by Types & Applications

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## Abstracts

Next Generation Biometric Technologies Market – Global Forecast & Analysis (2012 – 2017) By Types (Fingerprint, Palm, Face, Iris / Retina, Vein, Voice, Signature and others), Applications (Government, Defense, Travel & Immigration, Home Security, Banking & finance, Consumer electronics, Healthcare, Commercial security and others)

Biometric technology is an advanced technique for the identification of humans, based on their characteristics or traits. These traits can be face, fingerprint, iris, voice, signature, palm, vein, and DNA. The existing methods of human identification such as identification documents and PIN are not able to cope up with the growing demand for stringent security, which gives a high growth opportunity for the use of biometric technology. This technology is very popular also because biometric characters like face, fingerprint, hand, etc. cannot be lost, stolen, or easily forged.

This report covers various biometric authentications such as face recognition, fingerprint recognition, iris recognition, palm recognition, vein recognition, signature recognition, and DNA recognition. Out of all the biometric authentications, face recognition, finger recognition, and iris recognition are commonly used in most of the applications. Iris has a significant scope in near future due to its high accuracy rate and low false acceptance rate; which is between 0.0001% and 0.94%.

This report segregates the overall biometric technology market into various application areas such as government, defense, banking and finance, travel and immigration, healthcare, consumer electronics, commercial security, and home security. Increasing security threats, unauthorized infiltration across the borders, unauthorized immigration, illegal transaction at the ATMs, etc. give rise to biometric technology market. One of the

major drivers for this market is government funding for biometric technology for deployment across the globe. Biometric technology is mostly used in applications like government, travel, immigration, banking and finance, and defense.

This report deals with all the driving factors, restraints, and opportunities for the biometric technology market, which are helpful in identifying trends and key success factors for the industry. The report also profiles companies active in the field of biometric technology. This report provides the competitive landscape of the players, which covers key growth strategies followed by all the major players. It also highlights the winning imperatives and burning issues pertaining to the biometric technology industry. The report formulates the entire value chain of the biometric technology market; right from manufacturer to customer. It also analyzes the biometric technology market with the help of Porter's five-force model.

The global biometric technology, types, and applications market is expected to reach \$13.89 billion by 2017 at an estimated CAGR of 18.7%. North America is a market leader in biometric technology market.

### **Scope of the report**

This research report categorizes the global biometric technology, based on types and applications market; it also covers the forecasted revenue from 2012 to 2017 and future applications of biometric technology. This report also shows the various activities that are being conducted by different institutes and universities. It describes the deployments of biometric technology in various regions. The report describes the applications mapping the biometric technology market with respect to the growth potential and adoption by the users.

On the basis of types

Global biometric technology market is categorized into various types such as face recognition, fingerprint recognition, iris/retina recognition, voice recognition, vein recognition, signature recognition, palmprint recognition, and DNA recognition. This report also describes keystroke and GAIT recognition.

On the basis of application areas

Applications areas of biometric technology have been categorized into

government, travel and immigration, defense, banking and finance, healthcare, consumer electronics, home security, and commercial security.

On the basis of geography

Geographical analysis covers North America, Europe, Asia-Pacific, and ROW. In this report, North America is further segregated by countries such as U.S., Canada, and Mexico. Europe is further segregated into Germany, U.K., France, Italy, and others. APAC is segregated into Australia, China, Japan, South Korea, and India. ROW is segregated into Africa and Middle East.

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