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Global Face Recognition Systems Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

This report studies the Face Recognition Systems market, a face recognition system is a computer application capable of identifying or verifying a person from a digital image or a video frame from a video source. One of the ways to do this is by comparing selected facial features from the image and a face database.

Scope of the Report:

This report studies the Face Recognition Systems market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Face Recognition Systems market by product type and applications/end industries.

Currently, the market is primarily driven by robust technological advancements for development of efficient surveillance systems required by civil and government agencies. This is due to rising instances of criminal and terrorist activities and identification of fraud cases across the globe. Moreover, facial recognition systems that can scan images in all environmental conditions are being developed using 3D facial recognition technology. This would help overcome the barriers of 2D facial recognition technology that include light and pose deflections of the object. However, restrictions on users to share their personal details i.e. covert monitoring of an individual, is expected to hinder the market growth. Furthermore, increased adoption of facial recognition in web applications for picture tagging, social interaction, and others is expected to drive the demand for facial recognition in future.

The global facial recognition market is analyzed on the basis of parameters such as

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type of technology, end-use industry and geographic regions. Of the different technology types, the 2D facial recognition technology segment contributed a significant revenue share ?about 59.67%? in the global market in 2016. This is due to the adoption and acceptance of 2D facial recognition technology in surveillance, which is primarily due to its low cost and easy installation using existing cameras. The market for 3D facial recognition technology, that offers better and accurate results, is expected to record steady growth as compared to 2D technology. Furthermore, the facial recognition market is witnessing development of facial analytics systems that help generate descriptive metadata about a given face, apart from simple identification. This has resulted in the use of facial recognition technique as both identification and authentication tools.

The global Face Recognition Systems market is valued at 530 million USD in 2017 and is expected to reach 1100 million USD by the end of 2023, growing at a CAGR of 13.0% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions.

North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Face Recognition Systems.

Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

NEC Corporation

Safran Group

Gemalto

Ayonix

Crossmatch Technologies

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Aware Inc

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)

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

Market Segment by Type, covers

2D Face Recognition

3D Face Recognition

Thermal Face Recognition

Market Segment by Applications, can be divided into

Emotion Recognition

Law Enforcement, Surveillance, and Monitoring

Others

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