

Facial Recognition Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F

Segmented by Technology (2D Facial Recognition, 3D Facial Recognition, Facial Analytics), By Application (Access Control, Attendance Tracking & Monitoring, Emotion Recognition, Security & Surveillance, Others), By End user (Retail & E-commerce, Media & Entertainment, BFSI, Automobile & Transportation, Telecom & IT, Government, Healthcare, and Others), By Region and Competition

Market Report (3 business days) | 2023-09-05 | 170 pages | TechSci Research

AVAILABLE LICENSES:

- Single User License \$4900.00
- Multi-User License \$5900.00
- Custom Research License \$8900.00

Report description:

Global Facial Recognition market is anticipated to witness a growth of steady CAGR in the forecast period 2024-2028. This can be ascribed to the increasing investments in research and development sector by Government and Defense industries. Also, growing demand for high efficiency and low-cost advanced facial recognition are expected to create lucrative growth during the forecasted period. Additionally, increasing demand for advanced video surveillance systems will drive the growth of the facial recognition market over the years. Similarly, increasing adoption of internet of things, rising penetration of smartphones and increasing application of physical security will further boost the growth of the market. Moreover, facial recognition can recognize a human face through technologically advanced AI-based software. Moreover, technological advancements such as Machine Learning (ML), Artificial Intelligence (AI), and cloud-based recognition systems will further drive the growth of the global facial recognition market. Growing acceptance by law enforcement agencies for recognizing facial recognition as a key solution to enhance security is also one of the major factors driving the growth of the market over the last few years.

Increasing Investments in Facial Recognition Technologies by Government and Defense Sectors

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

The growing investments in the facial recognition technologies by several government and defense forces are propelling the growth of facial recognition market due to increasing adoption of surveillance technologies across the world. Many enterprises, along with government, are including cutting-edge technologies as a solution to enhance security, customer verification, increasing learning engagement and improved accessibility for customers through visual impairments. The technology has been deployed by various security agencies like homeland security and federal and regional law enforcements. Businesses are investing heavily in their research and development for developing and deploying advanced applications by integrating with facial recognitions like biometrics to further secure their assets and resolute numerous criminal investigations which will further boost the growth of the market during the forecasted period.

Rising Demand for Advanced Video Surveillance Systems

The increasing usage of video surveillance systems by different industries and innovations happening related to video surveillance has encouraged the market growth over the years. Applications such as thermal security cameras, 360-degree security cameras, CCTV, and others is massively growing among the public and private sectors to enhance the security and safety. Enterprises are primarily using video surveillance systems in traffic management, crime prevention, and industrial process monitoring. As technology has become more accessible and easier to use, many office buildings have also begun implementing video surveillance to provide a safe and secure environment for staff and visitors. Furthermore, the increased need for smart camera systems, analytical software to record interviews and interrogations, broadening the scope of simulations and demonstrations, monitoring business procedures and consumer behaviour, and collecting data that aids in decision making are stimulating the growth of facial recognition in the global market.

Technological Advancements in Facial Recognition System

The growing prevalence and advancement of artificial intelligence (AI) and sensing and computing facilities are enabling the progress of facial recognition systems which will enhance the demand for facial recognition during the forecasted period. These systems use machine learning (ML) and artificial intelligence (AI) algorithms to identify and verify a person from the digital source. Advanced technologies like deep learning and conventional neural network (CNN) are being used to extract features from images to classify into different categories. Additionally, continuous advancements by the manufactures have created sophisticated technologies such as "spin off from terotechnology" to assist users via increasing the safety and security of crowded places. Furthermore, the growing requirement for less human interference during airport security check after the COVID 19 impact has enormously increased the demand for AI based facial recognition systems which has propelled the market growth of facial recognition in the forecasted period.

Market Segmentation

Global Facial Recognition market can be segmented by technology, application, end user and by region. Based on technology, the market can be divided into 2D facial recognition, 3D facial recognition, and facial analytics. Based on application, the market can be differentiated into access control, attendance tracking & monitoring, emotion recognition, security & surveillance, and others. Based on end-user, the market can be grouped into retail & e-commerce, media & entertainment, BFSI, automobile & transportation, telecom & IT, government, healthcare, and others. Regionally, North America dominated the market among Asia Pacific, Europe, Middle East & Africa, and South America.

Market Players

3M Cogent, Inc., NEC Corporation Pvt Ltd, Aware, Inc., IDEMIA Group, S.A.S., FacePhi Biometria SA, Onfido Holdings Ltd, Ayonix Corporation, Gemalto NV, Cognitec Systems GmbH, Id3 Technologies are some of the leading players operating in the Global Facial Recognition Market.

Report Scope:

In this report, the global facial recognition market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

-□ Facial Recognition Market, By Technology:

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- o 2D Facial Recognition
- o 3D Facial Recognition
- o Facial Analytics
- Facial Recognition Market, By Application:
- o Access Control
- o Attendance Tracking & Monitoring Diagnostics
- o Emotion Recognition
- o Security & Surveillance
- o Others

- Facial Recognition Market, By End User:

- o Retail & E-commerce
- o Media & Entertainment
- o BFSI
- o Automobile & Transportation
- o Telecom & IT
- o Government
- o Healthcare
- o Others

- Facial Recognition Market, By Region:

- o North America
- United States
- Canada
- Mexico
- o Europe
- France
- Germany
- United Kingdom
- Italy
- Spain
- o Asia Pacific
- China
- India
- Japan
- South Korea
- Australia
- o South America
- Brazil
- Argentina
- Colombia
- o Middle East & Africa
- South Africa
- Saudi Arabia
- UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Facial Recognition Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

customization options are available for the report:

Company Information

- Detailed analysis and profiling of additional market players (up to five).

Table of Contents:

- 1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations
- 2. Research Methodology
 - 2.1. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Key Industry Partners
 - 2.4. Major Association and Secondary Sources
 - 2.5. Forecasting Methodology
 - 2.6. Data Triangulation & Validation
 - 2.7. Assumptions and Limitations
- 3. Executive Summary
- 4. Voice of Customer
- 5. Global Facial Recognition Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value
 - 5.2. Market Share & Forecast
 - 5.2.1. By Technology (2D Facial Recognition, 3D Facial Recognition, Facial Analytics)
 - 5.2.2. By Application (Access Control, Attendance Tracking & Monitoring, Emotion Recognition, Security & Surveillance, Others)
 - 5.2.3. By End user (Retail & E-commerce, Media & Entertainment, BFSI, Automobile & Transportation, Telecom & IT, Government, Healthcare and Others)
 - 5.2.4. By Region (North America, Europe, Asia Pacific, South America, Middle East & Africa)
 - 5.3. By Company (2022)
 - 5.4. Market Map
- 6. North America Facial Recognition Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Technology
 - 6.2.2. By Application
 - 6.2.3. By End user
 - 6.2.4. By Country
 - 6.3. North America: Country Analysis
 - 6.3.1. United States Facial Recognition Market Outlook
 - 6.3.1.1. Market Size & Forecast
 - 6.3.1.1.1. By Value
 - 6.3.1.2. Market Share & Forecast
 - 6.3.1.2.1. By Technology
 - 6.3.1.2.2. By Application

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 6.3.1.2.3. By End user
- 6.3.2. Canada Facial Recognition Market Outlook
 - 6.3.2.1. Market Size & Forecast
 - 6.3.2.1.1. By Value
 - 6.3.2.2. Market Share & Forecast
 - 6.3.2.2.1. By Technology
 - 6.3.2.2.2. By Application
 - 6.3.2.2.3. By End user
- 6.3.3. Mexico Facial Recognition Market Outlook
 - 6.3.3.1. Market Size & Forecast
 - 6.3.3.1.1. By Value
 - 6.3.3.2. Market Share & Forecast
 - 6.3.3.2.1. By Technology
 - 6.3.3.2.2. By Application
 - 6.3.3.2.3. By End user
- 7. Europe Facial Recognition Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value
 - 7.2. Market Share & Forecast
 - 7.2.1. By Technology
 - 7.2.2. By Application
 - 7.2.3. By End user
 - 7.2.4. By Country
 - 7.3. Europe: Country Analysis
 - 7.3.1. France Facial Recognition Market Outlook
 - 7.3.1.1. Market Size & Forecast
 - 7.3.1.1.1. By Value
 - 7.3.1.2. Market Share & Forecast
 - 7.3.1.2.1. By Technology
 - 7.3.1.2.2. By Application
 - 7.3.1.2.3. By End user
 - 7.3.2. Germany Facial Recognition Market Outlook
 - 7.3.2.1. Market Size & Forecast
 - 7.3.2.1.1. By Value
 - 7.3.2.2. Market Share & Forecast
 - 7.3.2.2.1. By Technology
 - 7.3.2.2.2. By Application
 - 7.3.2.2.3. By End user
 - 7.3.3. United Kingdom Facial Recognition Market Outlook
 - 7.3.3.1. Market Size & Forecast
 - 7.3.3.1.1. By Value
 - 7.3.3.2. Market Share & Forecast
 - 7.3.3.2.1. By Technology
 - 7.3.3.2.2. By Application
 - 7.3.3.2.3. By End user
 - 7.3.4. Italy Facial Recognition Market Outlook
 - 7.3.4.1. Market Size & Forecast

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 7.3.4.1.1. By Value
- 7.3.4.2. Market Share & Forecast
- 7.3.4.2.1. By Technology
- 7.3.4.2.2. By Application
- 7.3.4.2.3. By End user
- 7.3.5. Spain Facial Recognition Market Outlook
- 7.3.5.1. Market Size & Forecast
- 7.3.5.1.1. By Value
- 7.3.5.2. Market Share & Forecast
- 7.3.5.2.1. By Technology
- 7.3.5.2.2. By Application
- 7.3.5.2.3. By End user
- 8. Asia-Pacific Facial Recognition Market Outlook
- 8.1. Market Size & Forecast
- 8.1.1. By Value
- 8.2. Market Share & Forecast
- 8.2.1. By Technology
- 8.2.2. By Application
- 8.2.3. By End user
- 8.2.4. By Country
- 8.3. Asia-Pacific: Country Analysis
- 8.3.1. China Facial Recognition Market Outlook
- 8.3.1.1. Market Size & Forecast
- 8.3.1.1.1. By Value
- 8.3.1.2. Market Share & Forecast
- 8.3.1.2.1. By Technology
- 8.3.1.2.2. By Application
- 8.3.1.2.3. By End user
- 8.3.2. India Facial Recognition Market Outlook
- 8.3.2.1. Market Size & Forecast
- 8.3.2.1.1. By Value
- 8.3.2.2. Market Share & Forecast
- 8.3.2.2.1. By Technology
- 8.3.2.2.2. By Application
- 8.3.2.2.3. By End user
- 8.3.3. Japan Facial Recognition Market Outlook
- 8.3.3.1. Market Size & Forecast
- 8.3.3.1.1. By Value
- 8.3.3.2. Market Share & Forecast
- 8.3.3.2.1. By Technology
- 8.3.3.2.2. By Application
- 8.3.3.2.3. By End user
- 8.3.4. South Korea Facial Recognition Market Outlook
- 8.3.4.1. Market Size & Forecast
- 8.3.4.1.1. By Value
- 8.3.4.2. Market Share & Forecast
- 8.3.4.2.1. By Technology

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.3.4.2.2. By Application
- 8.3.4.2.3. By End user
- 8.3.5. Australia Facial Recognition Market Outlook
- 8.3.5.1. Market Size & Forecast
- 8.3.5.1.1. By Value
- 8.3.5.2. Market Share & Forecast
- 8.3.5.2.1. By Technology
- 8.3.5.2.2. By Application
- 8.3.5.2.3. By End user
- 9. South America Facial Recognition Market Outlook
- 9.1. Market Size & Forecast
- 9.1.1. By Value
- 9.2. Market Share & Forecast
- 9.2.1. By Technology
- 9.2.2. By Application
- 9.2.3. By End user
- 9.2.4. By Country
- 9.3. South America: Country Analysis
- 9.3.1. Brazil Facial Recognition Market Outlook
- 9.3.1.1. Market Size & Forecast
- 9.3.1.1.1. By Value
- 9.3.1.2. Market Share & Forecast
- 9.3.1.2.1. By Technology
- 9.3.1.2.2. By Application
- 9.3.1.2.3. By End user
- 9.3.2. Argentina Facial Recognition Market Outlook
- 9.3.2.1. Market Size & Forecast
- 9.3.2.1.1. By Value
- 9.3.2.2. Market Share & Forecast
- 9.3.2.2.1. By Technology
- 9.3.2.2.2. By Application
- 9.3.2.2.3. By End user
- 9.3.3. Colombia Facial Recognition Market Outlook
- 9.3.3.1. Market Size & Forecast
- 9.3.3.1.1. By Value
- 9.3.3.2. Market Share & Forecast
- 9.3.3.2.1. By Technology
- 9.3.3.2.2. By Application
- 9.3.3.2.3. By End user
- 10. Middle East and Africa Facial Recognition Market Outlook
- 10.1. Market Size & Forecast
- 10.1.1. By Value
- 10.2. Market Share & Forecast
- 10.2.1. By Technology
- 10.2.2. By Application
- 10.2.3. By End user
- 10.2.4. By Country

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.3. Middle East and Africa: Country Analysis
 - 10.3.1. South Africa Facial Recognition Market Outlook
 - 10.3.1.1. Market Size & Forecast
 - 10.3.1.1.1. By Value
 - 10.3.1.2. Market Share & Forecast
 - 10.3.1.2.1. By Technology
 - 10.3.1.2.2. By Application
 - 10.3.1.2.3. By End user
 - 10.3.2. Saudi Arabia Facial Recognition Market Outlook
 - 10.3.2.1. Market Size & Forecast
 - 10.3.2.1.1. By Value
 - 10.3.2.2. Market Share & Forecast
 - 10.3.2.2.1. By Technology
 - 10.3.2.2.2. By Application
 - 10.3.2.2.3. By End user
 - 10.3.3. UAE Facial Recognition Market Outlook
 - 10.3.3.1. Market Size & Forecast
 - 10.3.3.1.1. By Value
 - 10.3.3.2. Market Share & Forecast
 - 10.3.3.2.1. By Technology
 - 10.3.3.2.2. By Application
 - 10.3.3.2.3. By End user
- 11. Market Dynamics
 - 11.1. Drivers
 - 11.1.1. Increasing Investments in Facial Recognition Technologies by Government and Defense Sectors
 - 11.1.2. Rising Demand for Advanced Video Surveillance Systems
 - 11.1.3. Technological Advancements in Facial Recognition System
 - 11.2. Challenges
 - 11.2.1. High Implementation Cost and Lack of Accuracy
 - 11.2.2. Lack of Knowledge and Awareness about the Advance Technology
- 12. Market Trends & Developments
 - 12.1. Burgeoning Smartphone & Technology Penetration
 - 12.2. Increasing Internet Penetration of Face Recognition Technology for Enhancing Security and Better Patient Health Monitoring
 - 12.3. Rise in Need for Contactless Payments and Human Touch Point Reduction
 - 12.4. Changing Business needs due to Covid-19 Driving Adoption
 - 12.5. Increasing adoption of internet of things
- 13. Company Profiles
 - 13.1.1. 3M Cogent, Inc.
 - 13.1.1.1. Business Overview
 - 13.1.1.2. Key Revenue and Financials
 - 13.1.1.3. Recent Developments
 - 13.1.1.4. Key Personnel
 - 13.1.1.5. Key Product/Services
 - 13.1.2. NEC Corporation Pvt Ltd
 - 13.1.2.1. Business Overview
 - 13.1.2.2. Key Revenue and Financials
 - 13.1.2.3. Recent Developments

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.1.2.4.□Key Personnel
- 13.1.2.5.□Key Product/Services
- 13.1.3.□Aware, Inc.
- 13.1.3.1.□Business Overview
- 13.1.3.2.□Key Revenue and Financials
- 13.1.3.3.□Recent Developments
- 13.1.3.4.□Key Personnel
- 13.1.3.5.□Key Product/Services
- 13.1.4.□IDEMIA Group, S.A.S.
- 13.1.4.1.□Business Overview
- 13.1.4.2.□Key Revenue and Financials
- 13.1.4.3.□Recent Developments
- 13.1.4.4.□Key Personnel
- 13.1.4.5.□Key Product/Services
- 13.1.5.□FacePhi Biometria SA
- 13.1.5.1.□Business Overview
- 13.1.5.2.□Key Revenue and Financials
- 13.1.5.3.□Recent Developments
- 13.1.5.4.□Key Personnel
- 13.1.5.5.□Key Product/Services
- 13.1.6.□Onfido Holdings Ltd
- 13.1.6.1.□Business Overview
- 13.1.6.2.□Key Revenue and Financials
- 13.1.6.3.□Recent Developments
- 13.1.6.4.□Key Personnel
- 13.1.6.5.□Key Product/Services
- 13.1.7.□Ayonix Corporation
- 13.1.7.1.□Business Overview
- 13.1.7.2.□Key Revenue and Financials
- 13.1.7.3.□Recent Developments
- 13.1.7.4.□Key Personnel
- 13.1.7.5.□Key Product/Services
- 13.1.8.□Gemalto NV
- 13.1.8.1.□Business Overview
- 13.1.8.2.□Key Revenue and Financials
- 13.1.8.3.□Recent Developments
- 13.1.8.4.□Key Personnel
- 13.1.8.5.□Key Product/Services
- 13.1.9.□Cognitec Systems GmbH
- 13.1.9.1.□Business Overview
- 13.1.9.2.□Key Revenue and Financials
- 13.1.9.3.□Recent Developments
- 13.1.9.4.□Key Personnel
- 13.1.9.5.□Key Product/Services
- 13.1.10.□Id3 Technologies
- 13.1.10.1.□Business Overview
- 13.1.10.2.□Key Revenue and Financials

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 13.1.10.3. Recent Developments
- 13.1.10.4. Key Personnel
- 13.1.10.5. Key Product/Services
- 14. Strategic Recommendations
- 15. About Us & Disclaimer

(Note: The companies list can be customized based on the client requirements.)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Facial Recognition Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F

Segmented by Technology (2D Facial Recognition, 3D Facial Recognition, Facial Analytics), By Application (Access Control, Attendance Tracking & Monitoring, Emotion Recognition, Security & Surveillance, Others), By End user (Retail & E-commerce, Media & Entertainment, BFSI, Automobile & Transportation, Telecom & IT, Government, Healthcare, and Others), By Region and Competition

Market Report (3 business days) | 2023-09-05 | 170 pages | TechSci Research

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$4900.00
	Multi-User License	\$5900.00
	Custom Research License	\$8900.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*

Phone*

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-07"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com