

Biometrics-as-a-Service Market Report by Component (Solutions, Services), Solution Type (Fingerprint Recognition, Face Recognition, Iris Recognition, Voice Recognition, Palm and Vein Recognition, and Others), Trait (Physiological, Behavioral), Modality (Unimodal, Multimodal), Rack Unit (Above 40 RU, 25-40 RU, Up to 25 RU), Deployment Model (Cloud-based, On-premise), Organization Size (SMEs, Large Enterprises), Application (Site Access Control, Time Recording, Mobile Application, Web and Workplace), End User (Government, Healthcare, BFSI, IT and ITES, Manufacturing, Education, and Others), and Region 2025-2033

Market Report | 2025-02-10 | 147 pages | IMARC Group

AVAILABLE LICENSES:

- Electronic (PDF) Single User \$2999.00
- Five User Licence \$3999.00
- Enterprisewide License \$4999.00

Report description:

The global biometrics-as-a-service market size reached USD 2.2 Billion in 2024. Looking forward, IMARC Group expects the market to reach USD 8.6 Billion by 2033, exhibiting a growth rate (CAGR) of 15.48% during 2025-2033.

Biometrics-as-a-service (BaaS) refers to a cloud-based application that identifies and authenticates individuals using their biological and behavioral characteristics. It is based on biometrics technology that records the user's presence through a highly accurate eye, voice and facial recognition. This enables advanced, enterprise-wide biometric identification, which aids in enhancing the security of the existing organizational infrastructure. In comparison to the traditionally used paper- and pin-based authentication systems, BaaS systems are highly scalable, cost- and time-effective and less prone to fraudulent activities. Modern

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

BaaS solutions can be deployed for site and mobile access control, time recording and web and workspace management.

Biometrics-as-a-Service Market Trends:

The growing need for comprehensive authentication systems, along with the increasing adoption of cloud-based services by enterprises across the globe, is one of the key factors creating a positive outlook for the market. Both government and private organizations are adopting advanced BaaS solutions to counter security attacks and identity thefts. Furthermore, widespread adoption of these solutions in the banking, healthcare and retail sectors is providing a boost to the market growth. For instance, banking service providers are offering mobile-based applications for virtual transactions and digital wallets, which are highly sensitive and can only be accessed through advanced authentication systems, such as fingerprint scanning and facial or voice recognition. Additionally, various technological advancements, such as the integration of BaaS with smartphones, tablets and laptops, are acting as other growth-inducing factors. This aids in conducting business transactions through multi-device and location-independent environments. Other factors, including rapid urbanization, coupled with the implementation of favorable government initiatives to enhance national security, are expected to drive the market further.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global biometrics-as-a-service market report, along with forecasts at the global, regional and country level from 2025-2033. Our report has categorized the market based on component, solution type, trait, modality, rack unit, deployment model, organization size, application and end user.

Breakup by Component:

- Solutions
- Services

Breakup by Solution Type:

- Fingerprint Recognition
- Face Recognition
- Iris Recognition
- Voice Recognition
- Palm and Vein Recognition
- Others

Breakup by Trait:

- Physiological
- Behavioral

Breakup by Modality:

- Unimodal
- Multimodal

Breakup by Rack Unit:

- Above 40 RU
- 25-40 RU

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

-□Up to 25 RU

Breakup by Deployment Model:

- Cloud-based
- On-premise

Breakup by Organization Size:

- SMEs
- Large Enterprises

Breakup by Application:

- Site Access Control
- Time Recording
- Mobile Application
- Web and Workplace

Breakup by End User:

- Government
- Healthcare
- BFSI
- IT and ITES
- Manufacturing
- Education
- Others

Breakup by Region:

- North America
- United States
- Canada
- Asia Pacific
- China
- Japan
- India
- South Korea
- Australia
- Indonesia
- Others
- Europe
- Germany
- France
- United Kingdom
- Italy

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- Spain
- Russia
- Others
- Latin America
- Brazil
- Mexico
- Others
- Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Accenture, Aware Inc., BioID, Fujitsu Limited (Furukawa Group), Imaware Systems Incorporated, IDEMIA France, Iritech Inc., M2SYS Inc., NEC Corporation and Thales Group.

Key Questions Answered in This Report:

- How has the global biometrics-as-a-service market performed so far and how will it perform in the coming years?
- What has been the impact of COVID-19 on the global biometrics-as-a-service market?
- What are the key regional markets?
- What is the breakup of the market based on the component?
- What is the breakup of the market based on the solution type?
- What is the breakup of the market based on the trait?
- What is the breakup of the market based on the modality?
- What is the breakup of the market based on the rack unit?
- What is the breakup of the market based on the deployment model?
- What is the breakup of the market based on the organization size?
- What is the breakup of the market based on the application?
- What is the breakup of the market based on the end user?
- What are the various stages in the value chain of the industry?
- What are the key driving factors and challenges in the industry?
- What is the structure of the global biometrics-as-a-service market and who are the key players?
- What is the degree of competition in the industry?

Table of Contents:

- 1 Preface
- 2 Scope and Methodology
 - 2.1 Objectives of the Study
 - 2.2 Stakeholders
 - 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
 - 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
 - 2.5 Forecasting Methodology
- 3 Executive Summary
- 4 Introduction
 - 4.1 Overview

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 4.2 Key Industry Trends
- 5 Global Biometrics-as-a-Service Market
 - 5.1 Market Overview
 - 5.2 Market Performance
 - 5.3 Impact of COVID-19
 - 5.4 Market Forecast
- 6 Market Breakup by Component
 - 6.1 Solutions
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
 - 6.2 Services
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 7 Market Breakup by Solution Type
 - 7.1 Fingerprint Recognition
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
 - 7.2 Face Recognition
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
 - 7.3 Iris Recognition
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
 - 7.4 Voice Recognition
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast
 - 7.5 Palm and Vein Recognition
 - 7.5.1 Market Trends
 - 7.5.2 Market Forecast
 - 7.6 Others
 - 7.6.1 Market Trends
 - 7.6.2 Market Forecast
- 8 Market Breakup by Trait
 - 8.1 Physiological
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
 - 8.2 Behavioral
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 9 Market Breakup by Modality
 - 9.1 Unimodal
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
 - 9.2 Multimodal
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 10 Market Breakup by Rack Unit

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 10.1 Above 40 RU
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast
- 10.2 25-40 RU
 - 10.2.1 Market Trends
 - 10.2.2 Market Forecast
- 10.3 Up to 25 RU
 - 10.3.1 Market Trends
 - 10.3.2 Market Forecast
- 11 Market Breakup by Deployment Model
 - 11.1 Cloud-based
 - 11.1.1 Market Trends
 - 11.1.2 Market Forecast
 - 11.2 On-premise
 - 11.2.1 Market Trends
 - 11.2.2 Market Forecast
- 12 Market Breakup by Organization Size
 - 12.1 SMEs
 - 12.1.1 Market Trends
 - 12.1.2 Market Forecast
 - 12.2 Large Enterprises
 - 12.2.1 Market Trends
 - 12.2.2 Market Forecast
- 13 Market Breakup by Application
 - 13.1 Site Access Control
 - 13.1.1 Market Trends
 - 13.1.2 Market Forecast
 - 13.2 Time Recording
 - 13.2.1 Market Trends
 - 13.2.2 Market Forecast
 - 13.3 Mobile Application
 - 13.3.1 Market Trends
 - 13.3.2 Market Forecast
 - 13.4 Web and Workplace
 - 13.4.1 Market Trends
 - 13.4.2 Market Forecast
- 14 Market Breakup by End User
 - 14.1 Government
 - 14.1.1 Market Trends
 - 14.1.2 Market Forecast
 - 14.2 Healthcare
 - 14.2.1 Market Trends
 - 14.2.2 Market Forecast
 - 14.3 BFSI
 - 14.3.1 Market Trends
 - 14.3.2 Market Forecast
 - 14.4 IT and ITES

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 14.4.1 Market Trends
- 14.4.2 Market Forecast
- 14.5 Manufacturing
 - 14.5.1 Market Trends
 - 14.5.2 Market Forecast
- 14.6 Education
 - 14.6.1 Market Trends
 - 14.6.2 Market Forecast
- 14.7 Others
 - 14.7.1 Market Trends
 - 14.7.2 Market Forecast
- 15 Market Breakup by Region
 - 15.1 North America
 - 15.1.1 United States
 - 15.1.1.1 Market Trends
 - 15.1.1.2 Market Forecast
 - 15.1.2 Canada
 - 15.1.2.1 Market Trends
 - 15.1.2.2 Market Forecast
 - 15.2 Asia Pacific
 - 15.2.1 China
 - 15.2.1.1 Market Trends
 - 15.2.1.2 Market Forecast
 - 15.2.2 Japan
 - 15.2.2.1 Market Trends
 - 15.2.2.2 Market Forecast
 - 15.2.3 India
 - 15.2.3.1 Market Trends
 - 15.2.3.2 Market Forecast
 - 15.2.4 South Korea
 - 15.2.4.1 Market Trends
 - 15.2.4.2 Market Forecast
 - 15.2.5 Australia
 - 15.2.5.1 Market Trends
 - 15.2.5.2 Market Forecast
 - 15.2.6 Indonesia
 - 15.2.6.1 Market Trends
 - 15.2.6.2 Market Forecast
 - 15.2.7 Others
 - 15.2.7.1 Market Trends
 - 15.2.7.2 Market Forecast
 - 15.3 Europe
 - 15.3.1 Germany
 - 15.3.1.1 Market Trends
 - 15.3.1.2 Market Forecast
 - 15.3.2 France
 - 15.3.2.1 Market Trends

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 15.3.2.2 Market Forecast
- 15.3.3 United Kingdom
 - 15.3.3.1 Market Trends
 - 15.3.3.2 Market Forecast
- 15.3.4 Italy
 - 15.3.4.1 Market Trends
 - 15.3.4.2 Market Forecast
- 15.3.5 Spain
 - 15.3.5.1 Market Trends
 - 15.3.5.2 Market Forecast
- 15.3.6 Russia
 - 15.3.6.1 Market Trends
 - 15.3.6.2 Market Forecast
- 15.3.7 Others
 - 15.3.7.1 Market Trends
 - 15.3.7.2 Market Forecast
- 15.4 Latin America
 - 15.4.1 Brazil
 - 15.4.1.1 Market Trends
 - 15.4.1.2 Market Forecast
 - 15.4.2 Mexico
 - 15.4.2.1 Market Trends
 - 15.4.2.2 Market Forecast
 - 15.4.3 Others
 - 15.4.3.1 Market Trends
 - 15.4.3.2 Market Forecast
- 15.5 Middle East and Africa
 - 15.5.1 Market Trends
 - 15.5.2 Market Breakup by Country
 - 15.5.3 Market Forecast
- 16 SWOT Analysis
 - 16.1 Overview
 - 16.2 Strengths
 - 16.3 Weaknesses
 - 16.4 Opportunities
 - 16.5 Threats
- 17 Value Chain Analysis
- 18 Porters Five Forces Analysis
 - 18.1 Overview
 - 18.2 Bargaining Power of Buyers
 - 18.3 Bargaining Power of Suppliers
 - 18.4 Degree of Competition
 - 18.5 Threat of New Entrants
 - 18.6 Threat of Substitutes
- 19 Price Analysis
- 20 Competitive Landscape
 - 20.1 Market Structure

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

- 20.2 Key Players
- 20.3 Profiles of Key Players
 - 20.3.1 Accenture
 - 20.3.1.1 Company Overview
 - 20.3.1.2 Product Portfolio
 - 20.3.1.3 Financials
 - 20.3.1.4 SWOT Analysis
 - 20.3.2 Aware Inc.
 - 20.3.2.1 Company Overview
 - 20.3.2.2 Product Portfolio
 - 20.3.2.3 Financials
 - 20.3.3 BioID
 - 20.3.3.1 Company Overview
 - 20.3.3.2 Product Portfolio
 - 20.3.4 Fujitsu Limited (Furukawa Group)
 - 20.3.4.1 Company Overview
 - 20.3.4.2 Product Portfolio
 - 20.3.4.3 Financials
 - 20.3.4.4 SWOT Analysis
 - 20.3.5 Imaware Systems Incorporated
 - 20.3.5.1 Company Overview
 - 20.3.5.2 Product Portfolio
 - 20.3.5.3 Financial
 - 20.3.6 IDEMIA France
 - 20.3.6.1 Company Overview
 - 20.3.6.2 Product Portfolio
 - 20.3.7 Iritech Inc.
 - 20.3.7.1 Company Overview
 - 20.3.7.2 Product Portfolio
 - 20.3.8 M2SYS Inc.
 - 20.3.8.1 Company Overview
 - 20.3.8.2 Product Portfolio
 - 20.3.9 NEC Corporation
 - 20.3.9.1 Company Overview
 - 20.3.9.2 Product Portfolio
 - 20.3.9.3 Financials
 - 20.3.9.4 SWOT Analysis
 - 20.3.10 Thales Group
 - 20.3.10.1 Company Overview
 - 20.3.10.2 Product Portfolio
 - 20.3.10.3 Financials
 - 20.3.10.4 SWOT Analysis

Biometrics-as-a-Service Market Report by Component (Solutions, Services), Solution Type (Fingerprint Recognition, Face Recognition, Iris Recognition, Voice Recognition, Palm and Vein Recognition, and Others), Trait (Physiological, Behavioral), Modality (Unimodal, Multimodal), Rack Unit (Above 40 RU, 25-40 RU, Up to 25 RU), Deployment Model (Cloud-based, On-premise), Organization Size (SMEs, Large Enterprises), Application (Site Access Control, Time Recording, Mobile Application, Web and Workplace), End User (Government, Healthcare, BFSI, IT and ITES, Manufacturing, Education, and Others), and Region 2025-2033

Market Report | 2025-02-10 | 147 pages | IMARC Group

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
	Electronic (PDF) Single User	\$2999.00
	Five User Licence	\$3999.00
	Enterprisewide License	\$4999.00
		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.

Scotts International. EU Vat number: PL 6772247784

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

www.scotts-international.com

Email*	<input type="text"/>	Phone*	<input type="text"/>
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="2025-06-23"/>
		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