

Global Biometrics Versus ID-card Market 2026 by Company, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Biometrics Versus ID-card market size was valued at US\$ 29325 million in 2025 and is forecast to a readjusted size of US\$ 43316 million by 2032 with a CAGR of 6.3% during review period.

Biometrics Versus ID-card refers to identity verification systems that compare or integrate biometric identification technologies (such as fingerprint, facial recognition, iris recognition, and voice recognition) with traditional ID card-based identification systems. In modern identification systems, biometric technology is increasingly used either to replace traditional ID cards or to be integrated into electronic ID cards (e-ID), biometric passports, and national identity systems to improve security, prevent identity fraud, and enable digital identity verification. These systems are widely used in government ID programs, border control, banking, public security, telecommunications, and access control systems.

The upstream includes biometric sensors (fingerprint sensors, cameras, iris scanners), semiconductor chips, secure microcontrollers, encryption modules, and card materials such as polycarbonate and PVC. The midstream includes biometric algorithm developers, identity management software providers, and ID card or e-ID system integrators. The downstream mainly includes government agencies, border control authorities, financial institutions, telecom operators, and enterprise security systems, where biometric identification is used for identity authentication and access control.

This report is a detailed and comprehensive analysis for global Biometrics Versus ID-card market. Both quantitative and qualitative analyses are presented by company, by

region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Biometrics Versus ID-card market size and forecasts, in consumption value (\$ Million), 2021-2032

Global Biometrics Versus ID-card market size and forecasts by region and country, in consumption value (\$ Million), 2021-2032

Global Biometrics Versus ID-card market size and forecasts, by Type and by Application, in consumption value (\$ Million), 2021-2032

Global Biometrics Versus ID-card market shares of main players, in revenue (\$ Million), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries
- To assess the growth potential for Biometrics Versus ID-card
- To forecast future growth in each product and end-use market
- To assess competitive factors affecting the marketplace

This report profiles key players in the global Biometrics Versus ID-card market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Fingerprint Cards AB (FPC), IDEMIA, IDEX, HID Global, X Infotech, Toppan Gravity, THALES, Semlex Group, Iris Corporation Berhad, Veridos, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market segmentation

Biometrics Versus ID-card market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for Consumption Value by Type and by Application. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

National ID Cards

ePassports / Travel Documents

Resident Registration Cards

Enterprise / Institutional ID Cards

Market segment by Biometric Technology Type

Fingerprint Recognition ID Card

Iris Recognition ID Card

Facial Recognition ID Card

Multimodal Biometric ID Card

Market segment by Chip Type

Contact ID Card

Contactless ID Card

Dual Interface ID Card

Market segment by Card Material

PVC Card

Polycarbonate Card

PETG Card

Composite Material Card

Market segment by Application

Businesses

Research Institutions

Government Departments

Universities and Schools

Market segment by players, this report covers

Fingerprint Cards AB (FPC)

IDEMIA

IDEX

HID Global

X Infotech

Toppan Gravity

THALES

Semlex Group

Iris Corporation Berhad

Veridos

Market segment by regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia, Italy and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia and Rest of Asia-Pacific)

South America (Brazil, Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe Biometrics Versus ID-card product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of Biometrics Versus ID-card, with revenue, gross margin, and global market share of Biometrics Versus ID-card from 2021 to 2026.

Chapter 3, the Biometrics Versus ID-card competitive situation, revenue, and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and by Application, with consumption value and growth rate by Type, by Application, from 2021 to 2032.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2021 to 2026. and Biometrics Versus ID-card market forecast, by regions, by Type and by Application, with consumption value, from 2027 to 2032.

Chapter 11, market dynamics, drivers, restraints, trends, Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of Biometrics Versus ID-card.

Chapter 13, to describe Biometrics Versus ID-card research findings and conclusion.

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