

# Global Biometrics Versus ID-card Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Biometrics Versus ID-card market size is expected to reach \$ 43316 million by 2032, rising at a market growth of 6.3% CAGR during the forecast period (2026-2032).

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 studies the global Biometrics Versus ID-card demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Biometrics

Versus ID-card, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Biometrics Versus ID-card that contribute to its increasing demand across many markets.

### **Highlights and key features of the study**

Global Biometrics Versus ID-card total market, 2021-2032, (USD Million)

Global Biometrics Versus ID-card total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Biometrics Versus ID-card total market, key domestic companies, and share, (USD Million)

Global Biometrics Versus ID-card revenue by player, revenue and market share 2021-2026, (USD Million)

Global Biometrics Versus ID-card total market by Type, CAGR, 2021-2032, (USD Million)

Global Biometrics Versus ID-card total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world Biometrics Versus ID-card market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Biometrics Versus ID-card Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Biometrics Versus ID-card Market, Segmentation by Type:

National ID Cards

ePassports / Travel Documents

Resident Registration Cards

Enterprise / Institutional ID Cards

#### Global Biometrics Versus ID-card Market, Segmentation by Biometric Technology Type:

Fingerprint Recognition ID Card

Iris Recognition ID Card

Facial Recognition ID Card

Multimodal Biometric ID Card

### Global Biometrics Versus ID-card Market, Segmentation by Chip Type:

Contact ID Card

Contactless ID Card

Dual Interface ID Card

### Global Biometrics Versus ID-card Market, Segmentation by Card Material:

PVC Card

Polycarbonate Card

PETG Card

Composite Material Card

### Global Biometrics Versus ID-card Market, Segmentation by Application:

Businesses

Research Institutions

Government Departments

Universities and Schools

### Companies Profiled:

Fingerprint Cards AB (FPC)

IDEMIA

IDEX

HID Global

X Infotech

Toppan Gravity

THALES

Semlex Group

Iris Corporation Berhad

Veridos

#### Key Questions Answered

1. How big is the global Biometrics Versus ID-card market?
2. What is the demand of the global Biometrics Versus ID-card market?
3. What is the year over year growth of the global Biometrics Versus ID-card market?
4. What is the total value of the global Biometrics Versus ID-card market?
5. Who are the Major Players in the global Biometrics Versus ID-card market?
6. What are the growth factors driving the market demand?

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