

# Digital Identity Solutions Market Forecasts to 2032 – Global Analysis By Type (Biometric and Non-Biometric), Authentication Type, Component, Organization Size, Application, End User and By Geography

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## Abstracts

According to Statistics MRC, the Global Digital Identity Solutions Market is accounted for \$43.6 billion in 2025 and is expected to reach \$164.7 billion by 2032 growing at a CAGR of 20.9% during the forecast period. Digital identity solutions are advanced systems designed to verify, authenticate, and manage individuals' online identities using technologies such as biometrics, cryptographic security, and artificial intelligence. These solutions enhance cybersecurity by protecting personal data, ensuring secure access to digital services, and preventing identity fraud. By integrating encryption, multi-factor authentication, and blockchain technology, digital identity solutions streamline verification across industries like banking, healthcare, and government services. As digital interactions increase, businesses and individuals rely on these systems to safeguard sensitive information while enabling seamless transactions.

According to data from Spiceworks in 2021, the authentication market experienced significant growth, particularly as online transactions surged. They also stated that businesses mitigated breaches by implementing layered authentication approaches to authorize user accounts for access to applications and devices.

Market Dynamics:

Driver:

Surge in cybercrime, data breaches, and identity theft

As businesses and individuals rely more on digital transactions, the need for secure authentication methods has intensified. Organizations across industries, including banking, healthcare, and government, are implementing advanced identity verification technologies to mitigate security risks. The rise of sophisticated hacking techniques has further accelerated the adoption of multi-factor authentication, biometric security, and AI-driven fraud detection.

#### Restraint:

##### Lack of universal standards and interoperability

Different regions and industries have varying regulations and authentication protocols, making seamless integration difficult. Businesses often struggle with compatibility issues when deploying identity verification systems across multiple platforms. Additionally, fragmented identity ecosystems hinder cross-border transactions and digital interactions, limiting scalability.

#### Opportunity:

##### Emergence of decentralized identity (DID) and blockchain-based ID

Unlike traditional centralized identity systems, DID enables users to control their personal data without relying on third-party intermediaries. Blockchain technology enhances security by providing tamper-proof identity records, reducing the risk of fraud and unauthorized access. As privacy concerns grow, decentralized identity frameworks offer a transparent and user-centric approach to authentication.

#### Threat:

##### Public distrust toward centralized identity systems

Users are increasingly skeptical about sharing personal information with centralized databases due to risks of data breaches and misuse. High-profile security incidents have eroded trust in traditional identity verification methods, prompting demand for more transparent and user-controlled authentication solutions. Additionally, regulatory scrutiny surrounding data collection and storage practices has intensified, compelling organizations to enhance security measures.

### Covid-19 Impact:

The COVID-19 pandemic accelerated the adoption of digital identity solutions as remote work, online transactions, and virtual interactions surged. Businesses and governments prioritized secure authentication methods to facilitate digital services while minimizing fraud risks. The pandemic highlighted vulnerabilities in traditional identity verification processes, prompting investments in AI-driven authentication and biometric security. However, supply chain disruptions and economic uncertainties temporarily slowed market expansion.

The non-biometric segment is expected to be the largest during the forecast period

The non-biometric segment is expected to account for the largest market share during the forecast period due to its widespread adoption across industries. Password-based authentication, multi-factor authentication (MFA), and cryptographic security methods remain essential for identity verification. Businesses prefer non-biometric solutions for their flexibility, cost-effectiveness, and ease of integration with existing systems.

The e-KYC (know your customer) segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the e-KYC (know your customer) segment is predicted to witness the highest growth rate driven by regulatory mandates and digital banking expansion. Financial institutions and fintech companies are leveraging e-KYC solutions to streamline customer onboarding and enhance fraud prevention. AI-powered identity verification and document authentication technologies are improving efficiency and accuracy in KYC processes.

### Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share driven by strong regulatory frameworks and high adoption of digital identity solutions. The region's advanced cybersecurity infrastructure and stringent data protection laws contribute to market growth. Financial institutions, healthcare providers, and government agencies are prioritizing identity verification technologies to combat fraud and enhance security.

### Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR fueled by rapid digital transformation and increasing cybersecurity concerns. Countries like China, India, and Japan are investing in digital identity solutions to support e-governance, financial inclusion, and secure online transactions. The expansion of mobile banking and e-commerce platforms is driving demand for advanced authentication technologies.

#### Key players in the market

Some of the key players in Digital Identity Solutions Market include Daon, Inc., ForgeRock, Inc., GB Group plc ('GBG'), Good Digital Identity, HashCash Consultants, IBM Corporation, IDEMIA, ImageWare Systems, iProov, Jumio, NEC Corporation, SailPoint Technologies, Inc., Samsung SDS, Saviynt Inc., Smartmatic, Syntizen Technologies Private Ltd, TELUS, Tessi and Thales.

#### Key Developments:

In March 2025, SailPoint expanded its Managed Service Provider (MSP) offering, making the SailPoint Identity Security Cloud accessible to smaller enterprises, thereby broadening the adoption of identity security solutions.

In January 2025, Jumio announced its latest digital identity and risk signals offerings tailored for the global gaming market, providing an exceptional player experience without compromising trust and safety.

In October 2024, IDEMIA enabled the ability to add Iowa driver's licenses and state IDs to Apple Wallet, enhancing the convenience and security of digital identity management.

#### Types Covered:

Biometric

Non-Biometric

#### Authentication Types Covered:

Single-Factor Authentication

Multi-Factor Authentication

Risk-Based Authentication

Organization Sizes Covered:

Large Enterprises

Small & Medium Enterprises (SMEs)

Applications Covered:

Access Control & Management

e-KYC (Know Your Customer)

Authentication & Verification

Fraud Detection & Prevention

Compliance Management

Other Applications

End Users Covered:

Banking, Financial Services & Insurance (BFSI)

Retail & E-commerce

Government & Public Sector

Healthcare

Travel & Hospitality

Telecommunication

IT & ITeS

Education

Energy & Utilities

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032

- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

#### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

##### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

##### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

##### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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