

Global Passwordless Authentication Software Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Passwordless Authentication Software market size is expected to reach \$ 51639 million by 2032, rising at a market growth of 14.6% CAGR during the forecast period (2026-2032).

Passwordless authentication software refers to identity verification solutions that remove or minimize the reliance on memorized passwords by shifting trust to device-bound credentials and/or on-device user verification. Instead of transmitting reusable secrets that can be phished, replayed, or stuffed, passwordless systems typically rely on cryptographic challenge–response, device-secured private keys, biometric or device PIN unlock, and risk-adaptive controls. In practice, this includes passkeys built on public-key cryptography, secure enclave/TPM-backed key storage, and policy-driven authentication flows that reduce exposure to phishing and credential reuse attacks.

In enterprise deployments, passwordless authentication is often delivered as a platform integrated with IAM/SSO directories, access policies, endpoint and mobile device management, and zero-trust architectures. Core capabilities commonly include enrollment and binding, credential lifecycle management, cross-device portability/sync policy, secure account recovery, step-up authentication for sensitive actions, and audit/compliance reporting—so organizations can improve security while lowering login friction and operational overhead at scale.

Security and UX converge as sign-in becomes “invisible”

Global identity security is moving from “adding another factor” to rebuilding the sign-in foundation. As cloud apps, mobile-first journeys, and distributed workforces become the norm, the weaknesses of password-based access—phishing, credential stuffing, and costly resets—are amplified. Passkeys, championed by the FIDO ecosystem and broadly

supported across major consumer platforms, shift verification to the device and replace reusable secrets with cryptographic proofs, materially reducing the value of stolen credentials at scale.

Deployment friction shifts to migration, recovery, and governance

The hard part is rarely the crypto; it's the systems and operating model. Organizations must modernize legacy login chains, align directory and access policies, define cross-device portability rules, and build strong account recovery that doesn't become the weakest link. Privacy and compliance requirements—especially around biometrics and device identifiers—also shape rollout timelines and vendor selection.

This report studies the global Passwordless Authentication Software demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for Passwordless Authentication Software, 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 Passwordless Authentication Software that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Passwordless Authentication Software total market, 2021-2032, (USD Million)

Global Passwordless Authentication Software total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: Passwordless Authentication Software total market, key domestic companies, and share, (USD Million)

Global Passwordless Authentication Software revenue by player, revenue and market share 2021-2026, (USD Million)

Global Passwordless Authentication Software total market by Type, CAGR, 2021-2032, (USD Million)

Global Passwordless Authentication Software total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global Passwordless Authentication Software 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 Alibaba Cloud, Tencent Cloud, Huawei Cloud, Volcano Engine, Authing, BambooCloud, QiAnXin, Sangfor Technologies, Feitian

Technologies, CFCA, 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 Passwordless Authentication Software 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 Passwordless Authentication Software Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Passwordless Authentication Software Market, Segmentation by Type:

Independent Authentication Platforms

Embedded Identity Solutions

Managed Authentication Services

Global Passwordless Authentication Software Market, Segmentation by Deployment Mode:

Cloud-based SaaS

On-premises

Hybrid

Global Passwordless Authentication Software Market, Segmentation by Core Standard:

FIDO2 and WebAuthn

Public Key Infrastructure Based

Proprietary and Others

Global Passwordless Authentication Software Market, Segmentation by Vertical:

Technology and IT Services

Banking and Financial Services

Healthcare and Government

Others

Global Passwordless Authentication Software Market, Segmentation by Application:

Workforce Access

Customer Identity Access Management

Privileged Access Management

Companies Profiled:

Alibaba Cloud

Tencent Cloud

Huawei Cloud

Volcano Engine

Authing

BambooCloud

QiAnXin

Sangfor Technologies

Feitian Technologies

CFCA

Microsoft

Okta

Ping Identity

Cisco

CyberArk

Thales

Entrust

Amazon Web Services

Yubico

JumpCloud

HYPR

Beyond Identity

OneSpan

1Kosmos

Secret Double Octopus

Trusona

Veridium

Desclope

Key Questions Answered

1. How big is the global Passwordless Authentication Software market?
2. What is the demand of the global Passwordless Authentication Software market?
3. What is the year over year growth of the global Passwordless Authentication Software market?
4. What is the total value of the global Passwordless Authentication Software market?
5. Who are the Major Players in the global Passwordless Authentication Software market?
6. What are the growth factors driving the market demand?

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