

Global Quantum-Safe Secure Messaging Software Development Kit (SDK) Market to Hit \$3.53 Bn by 2029 at 26.7% CAGR

*The Business Research Company's
Quantum-Safe Secure Messaging
Software Development Kit (SDK) Global
Market Report 2025 - Market Size, Trends
& Forecast By 2034*

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How Large Will The Quantum-Safe Secure Messaging Software Development Kit (SDK) Market Be By 2025?



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The market [size for the quantum-safe secure messaging software development kit \(SDK\)](#) has seen rapid expansion in the past few years. Projections indicate that it will rise from \$1.08 billion in 2024 to \$1.37 billion in 2025, boasting a compound annual growth rate (CAGR) of 26.0%. Factors that have contributed to growth in the historic period include an increased demand for post-quantum cryptography, government-led initiatives promoting quantum security, heightened adoption of quantum-resistant encryption standards, increases in investments towards quantum-safe technologies and a more profound

awareness of potential quantum security threats.

Anticipated robust growth is on the horizon for the quantum-safe secure messaging software development kit (SDK) market, with projections suggesting it is set to attain a value of \$3.53 billion in 2029, demonstrating a compound annual growth rate (CAGR) of 26.6%. This growth within the forecast era is suggested to result from an increasing compliance with government regulations enforcing post-quantum cryptography, escalating investments into quantum

computing research, an amplified uptake by financial organisations, growth in data breaches aimed at encrypted data, and a blossoming enterprise adoption of quantum-safe solutions. Key trends expected within the forecast period feature progress in post-quantum cryptography standards, the creation of hybrid encryption solutions, breakthroughs in quantum key distribution networks, technological advances specific to cloud-based quantum-safe communication platforms, and integration within pre-existing systems.

Download a free sample of the quantum-safe secure messaging software development kit (sdk) market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=27807&type=smp>

What Are The Major Driving Forces Influencing The Quantum-Safe Secure Messaging Software Development Kit (SDK) Market Landscape?

The escalation in funds directed towards the research of quantum computing is anticipated to fuel the [expansion of quantum-safe secure messaging software development kit \(SDK\)](#) market. Quantum computing research encompasses the exploration and formulation of algorithms, hardware, and applications that employ quantum mechanical fundamentals to resolve intricate issues more swiftly and efficiently than traditional computing. The rise in quantum computing research investment can be attributed to its potential to revolutionize computational power, offering solutions to problems that are beyond the capabilities of classical systems. Such investment aids [the advancement of quantum-safe secure messaging SDKs](#) by underlining budding encryption threats, fostering innovation in post-quantum cryptography, and facilitating rigorous testing against upcoming quantum threats. For instance, the US Energy Department, a government agency based in the US, announced a funding of \$65 million towards quantum computing in September 2024, endorsing 38 projects for a duration of up to five years, allocating \$14 million for the fiscal year 2024. Accordingly, the surge in investment towards quantum computing research is contributing to the growth of quantum-safe secure messaging software development kit (SDK) market.

Who Are The Top Players In The Quantum-Safe Secure Messaging Software Development Kit (SDK) Market?

Major players in the Quantum-Safe Secure Messaging Software Development Kit (SDK) Global Market Report 2025 include:

- Microsoft Corporation
- International Business Machines Corporation
- Okta Inc.
- Proofpoint Inc.
- Cloudflare Inc.
- Sophos Group plc
- Yubico AB
- Darktrace Holdings Limited
- Bitdefender LLC
- Sandbox AQ

What Are The Main Trends, Positively Impacting The Growth Of Quantum-Safe Secure Messaging Software Development Kit (SDK) Market?

Leading enterprises in the quantum-safe secure messaging software development kit (SDK) market are prioritizing the advancement of innovative technologies, like quantum-safe enterprise-ready secure communication platforms, to fortify data protection against potential quantum computing risks. A quantum-safe, enterprise-ready secure communication platform is an industrial scale system that facilitates secure messaging and data transfer using encryption techniques that withstand both traditional and future quantum computing onslaughts. For example, NetSfere, an American cloud-based enterprise messaging firm, unveiled the globe's first enterprise-equipped secure communication platform with NIST-certified post-quantum encryption in March 2025, specifically utilizing the superior 1024-bit ML-KEM quantum-defiant encryption standard. This cutting-edge, cloud-based platform provides AI-driven, quantum-robust messaging engineered to safeguard vital enterprise communications from the growing threats of quantum computing. It delivers point-to-point encryption, instantaneous collaboration, and security features driven by compliance that meet international regulatory norms such as GDPR and HIPAA.

Market Share And Forecast By Segment In The Global Quantum-Safe Secure Messaging Software Development Kit (SDK) Market

The quantum-safe secure messaging software development kit (SDK) market covered in this report is segmented

- 1) By Component: Software, Services
- 2) By Deployment Mode: On-Premises, Cloud
- 3) By Enterprise Size: Small And Medium Enterprises, Large Enterprises
- 4) By End-User: Banking, Financial Services, And Insurance (BFSI), Healthcare, Government, Defense, Information Technology And Telecommunications, Other End-Users

Subsegments:

- 1) By Software: Encryption Libraries, Key Management Systems, Secure Communication Protocols, Application Programming Interfaces, Identity And Access Management
- 2) By Services: Consulting, Integration And Implementation, Support And Maintenance, Training And Education, Managed Security Services

View the full quantum-safe secure messaging software development kit (sdk) market report:

<https://www.thebusinessresearchcompany.com/report/quantum-safe-secure-messaging-software-development-kit-sdk-global-market-report>

Quantum-Safe Secure Messaging Software Development Kit (SDK) Market Regional Insights
In the Quantum-Safe Secure Messaging Software Development Kit (SDK) Global Market Report 2025, North America was the dominant market in 2024. The projected growth status of this market is outlined in the report. The report covers various regions including Asia-Pacific, Western

Europe, Eastern Europe, South America, Middle East and Africa, in addition to North America.

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