

Quantum-Safe Remote Credentialing Market Trends and Analysis by Application, Vertical, Region & Segment Forecast 2029

*The Business Research Company's
Quantum-Safe Remote Credentialing
Global Market Report 2025 – Market Size,
Trends, And Global Forecast 2025-2034*

LONDON, GREATER LONDON, UNITED
KINGDOM, October 30, 2025
/EINPresswire.com/ -- "Get 20% Off All
Global Market Reports With Code
ONLINE20 – Stay Ahead Of Trade Shifts,
Macroeconomic Trends, And Industry Disruptors

The Business
Research Company

Quantum-Safe Remote Credentialing Global Market
Report 2025

What Is The Estimated Industry Size Of Quantum-Safe Remote Credentialing Market?

The market for quantum-safe remote credentialing has seen exponential growth recently. The market value is projected to increase from \$1.51 billion in 2024 to \$1.96 billion in 2025, showing a compound annual growth rate (CAGR) of 30.1%. The previously noticed growth is likely due to the escalating demand for safe communication, increasing paranoia over data breaches, the rising embrace of cloud services, the need for regulatory compliance, and elevated cyber threats.

“

Get 20% Off All Global
Market Reports With Code
ONLINE20 – Stay Ahead Of
Trade Shifts,
Macroeconomic Trends, And
Industry Disruptors”

*The Business Research
Company*

The market for quantum-safe remote credentialing is predicted to witness a rapid surge in the upcoming years, hitting \$5.57 billion by 2029, with a compound annual

growth rate (CAGR) of 29.8%. This foreseeable growth during the projected period can be linked with the surging need for quantum-resistant cryptography, the proliferation of internet of things (IoT) devices, an increasing requirement for secure remote access, expanded investment in cybersecurity, and the growing uptake of cloud-based security measures. During the projection period, major trends such as advancements in post-quantum cryptography, coupling of quantum-safe solutions with current systems, technological evolution in quantum key distribution, progress in cloud-based quantum security, and updates in regulatory standards for

quantum safety are expected.

Download a free sample of the quantum-safe remote credentialing market report:

<https://www.thebusinessresearchcompany.com/sample.aspx?id=28783&type=smp>

What Are The Major Factors Driving The [Quantum-Safe Remote Credentialing Market](#) Growth? Escalating cyber threats are projected to bolster the expansion of the quantum-safe remote credentialing market in the upcoming period. The notion of a cyber threat represents any malicious activities or conditions designed to harm, pilfer, or interrupt information, systems, networks, or the broader digital environment. The spike in cyber threats can be attributed to a consistent evolution of attack methodologies, heightened occurrences of data breaches, and a progressively broad digital environment. These factors ultimately convince organizations to invest in robust security architectures to protect sensitive information and maintain operational continuity. Quantum-safe remote credentialing plays a vital role in countering these mounting cyber threats by strengthening digital identities and verification processes with encryption techniques that are impervious to present and prospective quantum attacks. This ensures enduring data security, system robustness, and resilience against emerging cyber hazards. For instance, Check Point Software Technologies, a cybersecurity firm based in Israel, reported that the average number of weekly cyber attacks per organization was 1,876 during the third quarter of 2024, marking a 75% increase from the third quarter of 2023 and a 15% surge in comparison to the previous quarter. Hence, the surge in cyber threats is fuelling the growth of the quantum-safe remote credentialing market.

Who Are The Leading Companies In The Quantum-Safe Remote Credentialing Market?

Major players in the Quantum-Safe Remote Credentialing Global Market Report 2025 include:

- Infineon Technologies AG
- DigiCert Inc.
- OneSpan Inc.
- QNu Labs Pvt. Ltd.
- QuintessenceLabs Pty Ltd.
- ISARA Corporation
- MagiQ Technologies Inc.
- SandboxAQ
- Qrypt Inc.
- Securosys SA

What Are The Prominent Trends In The Quantum-Safe Remote Credentialing Market?

In the quantum-safe remote credentialing market, notable companies are turning their attention to developing innovative solutions such as post-quantum cryptography (PQC) to bolster cryptographic security, facilitate seamless transition to quantum-resistant algorithms, and fortify against potential quantum-induced risks. PQC is the process of inventing cryptographic algorithms that can resist assaults from quantum computers. For example, Utimaco, a German enterprise known for its trusted cybersecurity and compliance solutions, launched Quantum

Protect in April 2025. This is a solution bundle for the u.trust General Purpose HSM Se-Series which doesn't require hardware replacement for activation. The bundle combines quantum-resistant algorithms with current authentication systems for protecting identities, fortifying remote access, and bolstering cybersecurity frameworks against present and future quantum risks. This adaptability enables organizations to implement quantum-safe security effectively through in-field activation and wide-ranging cryptographic support.

What Are The Primary Segments Covered In The Global Quantum-Safe Remote Credentialing Market Report?

The quantum-safe remote credentialing market covered in this report is segmented as

- 1) By Solution Type: Software, Hardware, Services
- 2) By Deployment Mode: On-Premises, Cloud
- 3) By Organization Size: Large Enterprises, Small And Medium Enterprises
- 4) By Application: Banking And Financial Services, Government And Defense, Healthcare, Information Technology (IT) And Telecommunications, Education, Other Applications
- 5) By End-User: Public Sector, Private Sector

Subsegments:

- 1) By Software: Quantum-Safe Authentication Software, Post-Quantum Cryptographic Libraries, Identity And Access Management (IAM) Platforms, Key Management And Lifecycle Software, Encryption And Tokenization Solutions
- 2) By Hardware: Quantum-Safe Hardware Security Modules (HSMS), Secure Authentication Tokens And Smart Cards, Quantum-Resistant Network Appliances, Trusted Platform Modules (TPMS), Cryptographic Accelerators
- 3) By Services: Managed Security Services (MSS), Cryptographic Assessment And Consulting, Post-Quantum Migration Services, Integration And Deployment Services, Training And Support Services

View the full quantum-safe remote credentialing market report:

<https://www.thebusinessresearchcompany.com/report/quantum-safe-remote-credentialing-global-market-report>

Which Region Is Forecasted To Grow The Fastest In The Quantum-Safe Remote Credentialing Industry?

In the Quantum-Safe Remote Credentialing Global Market Report 2025, North America led the market in size during 2024 while the fastest projected growth is anticipated from the Asia-Pacific region. The report comprehensively covers various regions including Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

Browse Through More Reports Similar to the Global Quantum-Safe Remote Credentialing Market 2025, By [The Business Research Company](#)

Quantum Secure Communication Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/quantum-secure-communication-global-market-report>

Quantum Security Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/quantum-security-global-market-report>

Quantum Cryptography Solutions Global Market Report 2025

<https://www.thebusinessresearchcompany.com/report/quantum-cryptography-solutions-global-market-report>

Speak With Our Expert:

Saumya Sahay

Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534

Europe +44 7882 955267

Email: saumyas@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:

• LinkedIn: <https://in.linkedin.com/company/the-business-research-company>"

Oliver Guirdham

The Business Research Company

+44 7882 955267

info@tbrc.info

Visit us on social media:

[LinkedIn](#)

[Facebook](#)

[X](#)

This press release can be viewed online at: <https://www.einpresswire.com/article/862510252>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.