Enterprise Strategy Group™ by TechTarget

Operationalizing Encryption and Key Management

The potential for serious business disruptions from breaches makes securing data critical. Ransomware, software supply chain compromise, and targeted penetration attacks are just some of the looming threats that can result in data loss, compliance violations, brand damage, and lost revenue. As a result, organizations are turning to encryption and future-proofed post-quantum encryption to maintain cyber resilience as well as to ensure data privacy and compliance. TechTarget's Enterprise Strategy Group recently surveyed IT, cybersecurity, compliance, and DevOps professionals to gain insights into these trends.

Notable findings from this study include:

68%

of organizations use **encryption to protect their cloud-resident sensitive data.**

51%

of organizations have started their post-quantum cryptographic journey.

53%

of post-quantum encryption users report these solutions had a significant positive impact on their cyber insurance posture.

63%

of encryption teams report directly to their organization's technology executives.

25%

of organizations lost sensitive data due to insufficient encryption key size that led to unauthorized decryption.

44%

of organizations expect to **add or expand their utilization of encryption for data in use over the next 12-18 months.**

For more from this Enterprise Strategy Group study, read the full research report, ***Operationalizing Encryption and Key Management.***

LEARN MORE

Source: Enterprise Strategy Group Research Report, *Operationalizing Encryption and Key Management*, April 2024.

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