Information security is a top concern for midsize enterprise CIOs.

The Top Three Strategic Priorities Expected From the CIO for the Next Three Years

Security 39%
Cloud 20%
Digital 17%

The Top Three Technology Areas With the Highest IT Investment Within the Next Year

Information Security 41%
AI/ML 30%
5G 24%

MSEs plan to spend on cloud-based solutions in 2021-2022.

Cyber/Information Security Investment in 2021-2022

The Top Five Information Security Emerging Technologies that MSEs Are Planning to Deploy by 2022

The Top Three Highest Priority IT Risk Activities

Mapping IT Risk to Enterprise Risk
48%
Linking IT Risk to Business Performance
48%
Automating IT Risk Management Workflow
41%

Security skills are the most important talent gap to fill for MSE CIOs.

Key Strategies to Bridge Security Skill Gap

Hire New Personnel
30%
Third-Party Augmentation
24%
Reskill Existing Staff
16%
Vendor Professional Services
16%
Expertise Outside of IT
11%

MSE CIOs cite mapping IT risk to enterprise risk as their top priority.

Security Expenditure Breakdown

The majority of current security expenditure is dedicated to operational infrastructure.

40% of MSE IT spend was allocated to security.
34% of MSE CIOs use third-party managed security services as a permanent solution.

5% of MSE CIOs use cloud services.

MSEs plan to spend on cloud-based solutions in 2021-2022.

43% of MSEs plan to spend on cloud-based solutions in 2021-2022.

Technology
User and Entity Behavior Analytics 100%
Database Audit and Protection 97%
Static Application Security Testing (SAST) 93%
Dynamic Application Security Testing (DAST) 90%
Virtualized Firewalls 90%

5% of MSE IT spend was allocated to security.
34% of MSE CIOs use third-party managed security services as a permanent solution.

MSE CIOs cite mapping IT risk to enterprise risk as their top priority.

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