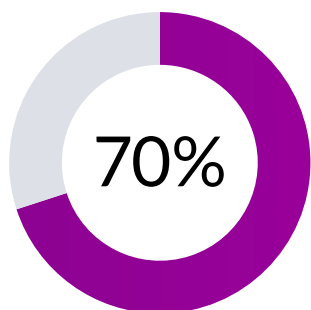**Rocket** software

Embracing the Future

The Resilience and Evolution of Mainframe, Host Access, and COBOL in a Digital Era
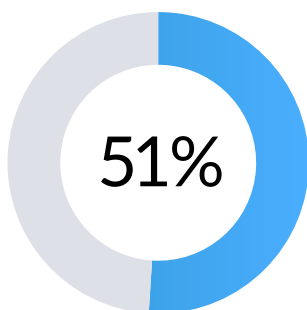
Mainframes continue to power the world's most critical industries, but how are enterprises evolving them for the future? Our survey, conducted with Vanson Bourne, of IT leaders from various industries, highlights a clear path forward: modernization strategies that merge reliability with advancements in security, access, COBOL, and AI.
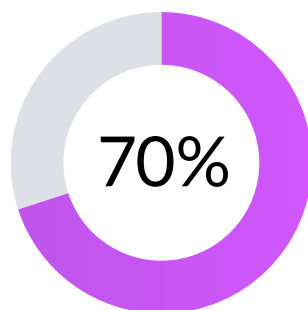
Security

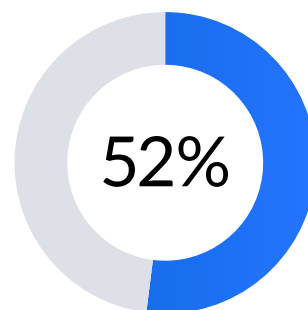Protect critical data from evolving cyber threats.

70%
State that security is a concern.

51%
Agree that security will likely be a key driver in upgrade decisions.

70%
Say that their mainframe security approach requires improvement.

52%
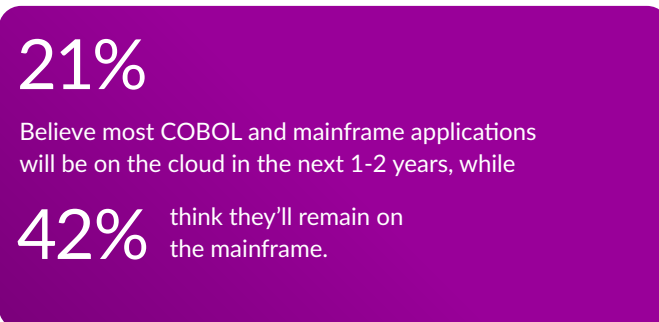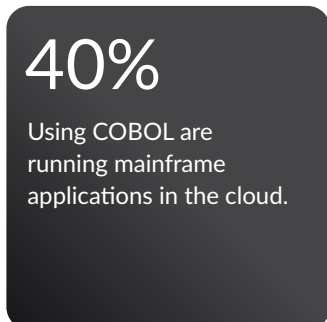Agree that security is the top concern when planning an upgrade.

Access

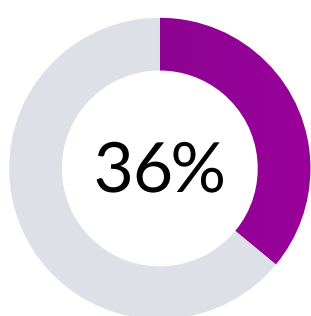Ensure secure, seamless interaction with core applications.

80%
Say access to mainframe applications is strategic to their organization's day-to-day business operations.
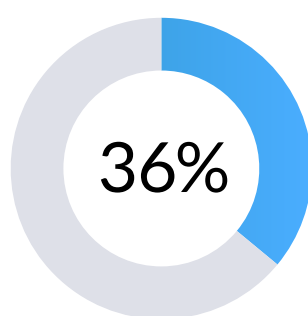
COBOL and mainframe modernization

85%
Say COBOL applications are strategic to their organization's day-to-day business operations.

82%
Agree that their organization will continue using COBOL or mainframe applications in the foreseeable future.

62%
Say COBOL applications are strategic to their organization's day-to-day business operations.

60%
agree that their organization should upgrade to the latest COBOL or mainframe technology version as soon as possible.

40%
Using COBOL are running mainframe applications in the cloud.

52%
Agree that their organization will soon move at least some of its COBOL or mainframe applications to the cloud.

21%
Believe most COBOL and mainframe applications will be on the cloud in the next 1-2 years, while

42%
think they'll remain on the mainframe.

AI

Accelerate modernization with automation and intelligent insights.

36%
Say GenAI could help generate test cases for COBOL/mainframe apps.

36%
State that GenAI could help identify business rules in the application.

Are you ready to modernize your enterprise technology stack?

Review the full whitepaper to learn more. To further explore our mainframe modernization solutions and ensure your organization remains agile, secure, and competitive for years to come, visit Rocket Software.

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