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Modernizing in place delivers the benefits above without the costs and disruptions associated with re-platforming.

What makes up most of your IT infrastructure?

- Public cloud: 6%
- Distributed: 15%
- Private cloud: 20%
- Mainframe: 56%
- Outsourced to a third party: 3%

How critical is the mainframe to your organization’s business operations?

- Extremely critical: 39%
- Very critical: 41%
- Somewhat critical: 15%
- Not very critical: 4%
- Not at all critical: 1%

What most contributes to your organization’s use of the mainframe?

- Modernizing core infrastructure: 34%
- Modernizing user experiences and interfaces: 27%
- Automating for efficiency: 22%
- Optimizing mainframe applications and infrastructure by enhancing applications, adding capabilities, modernizing user interfaces, etc.: 15%
- Reliability: 9%
- Security: 8%
- Efficiency: 6%
- Investment: 56%
- Flexibility: 27%

What is your organization’s current mainframe application and operations IT strategy?

- Modernizing in place: 56%
- Maintaining, patching, and upgrading existing applications and infrastructure: 27%
- Operating as-is: 17%
- Removing and replacing mainframe infrastructure, moving entirely from existing applications and infrastructure to distributed, cloud, or hybrid cloud models: 17%
- Re-platforming: 34%

What is the strategic imperative to modernize in place?

- Modernizing core infrastructure: 39%
- Modernizing user experiences and interfaces: 26%
- Automating for efficiency: 24%

No matter where you are in your modernization journey, Rocket Software and our partners can help you understand and solve your modernization challenges, and plan for leveraging their assurance. The study assumed that the mainframe remains critical to business operations. How are IT leaders modernizing it for improved performance?

Mainframe Powers Critical Business Operations

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Modernizing, not re-platforming, drives investment.

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