

Successful digital transformation looks beyond cloud

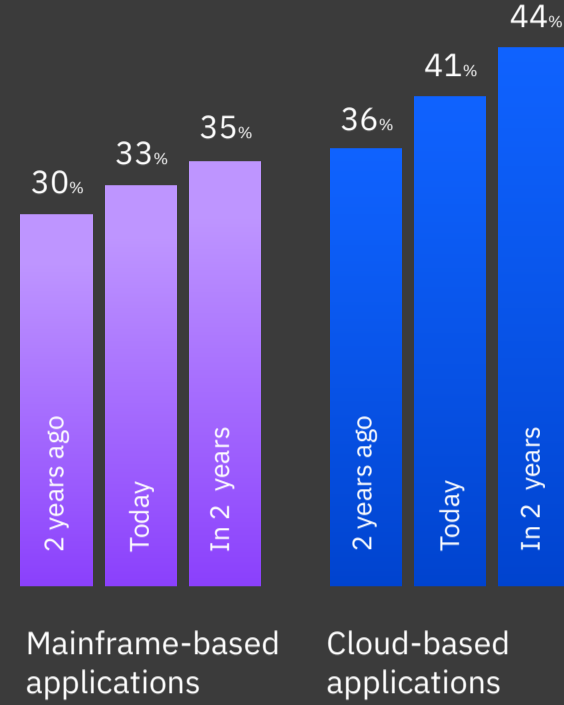


Significant marketplace shifts in the past year accelerated digital transformation efforts. We surveyed 200 global IT executives across industries, who report following a more holistic approach that helps them innovate while unlocking value from existing investments.

Growth for both mainframe and cloud apps

Transformation is not an “either/or” process. Executives expect use of both mainframe and cloud-based applications to increase in the near future. They focus on a fit-for-purpose digital strategy, for enterprise-wide transformation that facilitates integration and optimization of both environments.

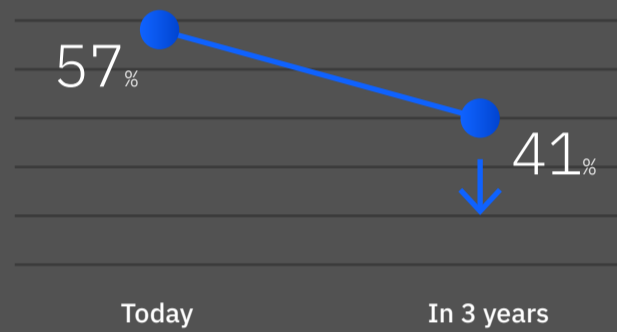
Percentage of workloads on mainframes versus cloud



Trending toward modernization

Rearchitecting the entire infrastructure:

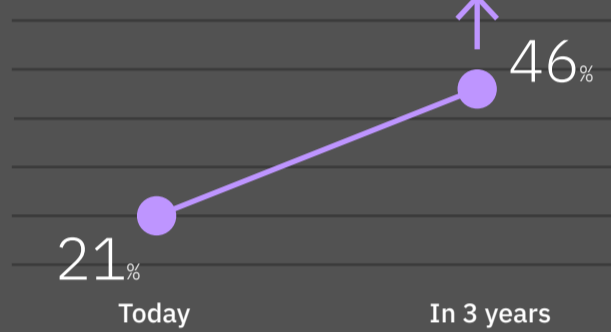
Expensive and requires great time and effort, which could lead to lost market share/revenue



The percentage of organizations leveraging mainframe assets in a hybrid cloud environment is expected to more than double in three years

Leveraging existing mainframe assets:

Connecting existing assets with modern applications can accelerate transformation



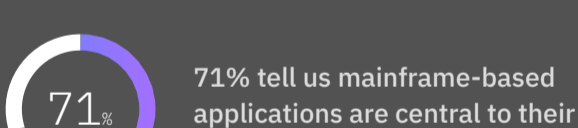
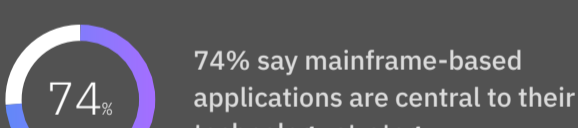
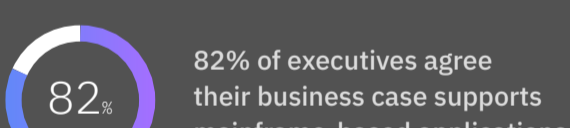
Mainframe value intact

Blending mainframe power into the cloud landscape enables the cutting-edge capabilities required today. Some systems require mainframe’s power, reliability, and security; others are better suited for cloud.

Top 5 key sources of value mainframes bring to businesses

1. Enhanced data security
2. Faster processing times
3. High volume of data processing
4. High system reliability
5. Improved scale of operations

Executives agree that mainframe-based applications play a central role in business and technology strategies.

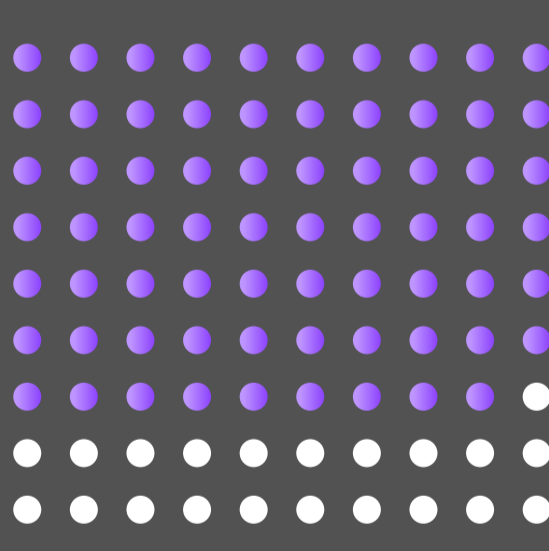


They also recognize the need for change:



4 of 5 executives recognize the need to rapidly transform, modernize mainframe-based apps, and adopt an open approach.

Hybrid cloud: A foundation for modernization



Close to 70% plan to leverage hybrid cloud to improve integration and effectiveness of legacy systems.

To discover the secret sauce to a comprehensive digital transformation, download the report at: ibm.co/application-modernization-mainframe

