






Mainframe Automation Gains Momentum


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Mainframe Automation Gains Momentum



Modern automation strategies for mainframe, Robotic Process Automation (RPA), and more.

A recent worldwide IDC survey of more than 900 technology and business leaders looked to better understand their automation investment and strategic planning.



Prioritize strategic investment in automation

Increasing automation and augmentation technology investments around business operations.



No. 2 investment priority: Process automation

With security and privacy a default top priority, automation is now an organizational investment priority.

5 more business automation priorities

The data within each business function represents the percentage of organizations using, or planning to use, business automation technology.

60% SALES/DISTRIBUTION

46% CUSTOMER SERVICE AND SUPPORT

41% MARKETING

35% R&D ENGINEERING, PRODUCT MANAGEMENT

34% SUPPLY CHAIN MANAGEMENT

Business functions

46%

BUSINESS OPS

47%

FRAUD, RISK, COMPLIANCE

38%

HR

41%

FINANCE

46%

IT SECURITY

58%

IT INFRASTRUCTURE/
NETWORK OPERATIONS

50 years of strategic mainframe importance

When delivering business automation initiatives, organizations must work to embrace mainframe systems. These systems are still critical to organizations, not the least of which is their rock-solid reliability, resilience, and performance under very demanding workload requirements.”

IDC¹

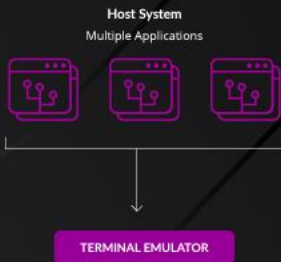
Two approaches to mainframe access and integration



01

Terminal emulation

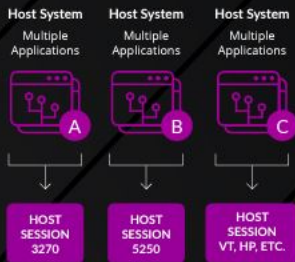
Creates a one-to-one relationship between an automation platform and a host application.



02

Service enablement

Creates a central, multi-purpose bridge between multiple hosts and multiple automation platform elements.



Automation platform

One script per host access interaction



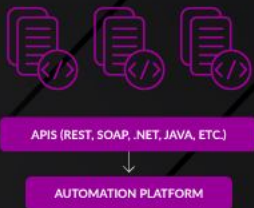
IDC¹

"... host integration software acts as an "insulation layer" that enables organizations to create more flexible relationships between host-based applications and automation platforms."

IDC¹

Host integration platform

Reusable interaction models



IDC¹

"Host integration software enables organizations to create a centralized, multipurpose bridge — between multiple host applications... and multiple automation platform elements."

IDC¹

No. 1 priority: Automating mainframe workloads

Organizations must embrace mainframe systems when delivering business automation initiatives. These systems are still critical... not least because of their rock-solid reliability, resilience, and performance under demanding workloads."

¹IDC White Paper, sponsored by Micro Focus, Creating Modern Automation Strategies with the Mainframe, RPA, and More, IDC #1549454323, July 2022

IDC¹

Reap the benefits of mainframe automation

Find out how to reap the benefits of mainframe automation by downloading the IDC whitepaper, "Creating Modern Automation Strategies with the Mainframe, RPA"

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