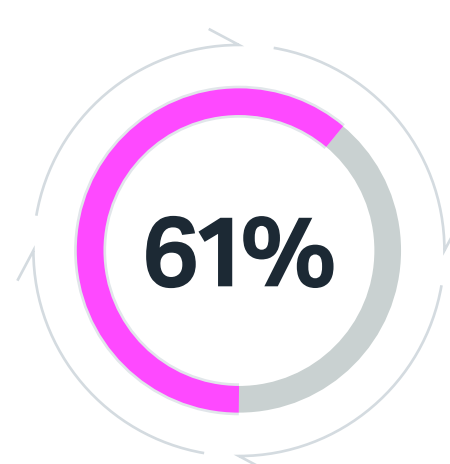


Mainframe Automation Gains Momentum

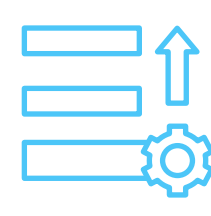
Modern automation strategies for mainframe, RPA, and more

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.

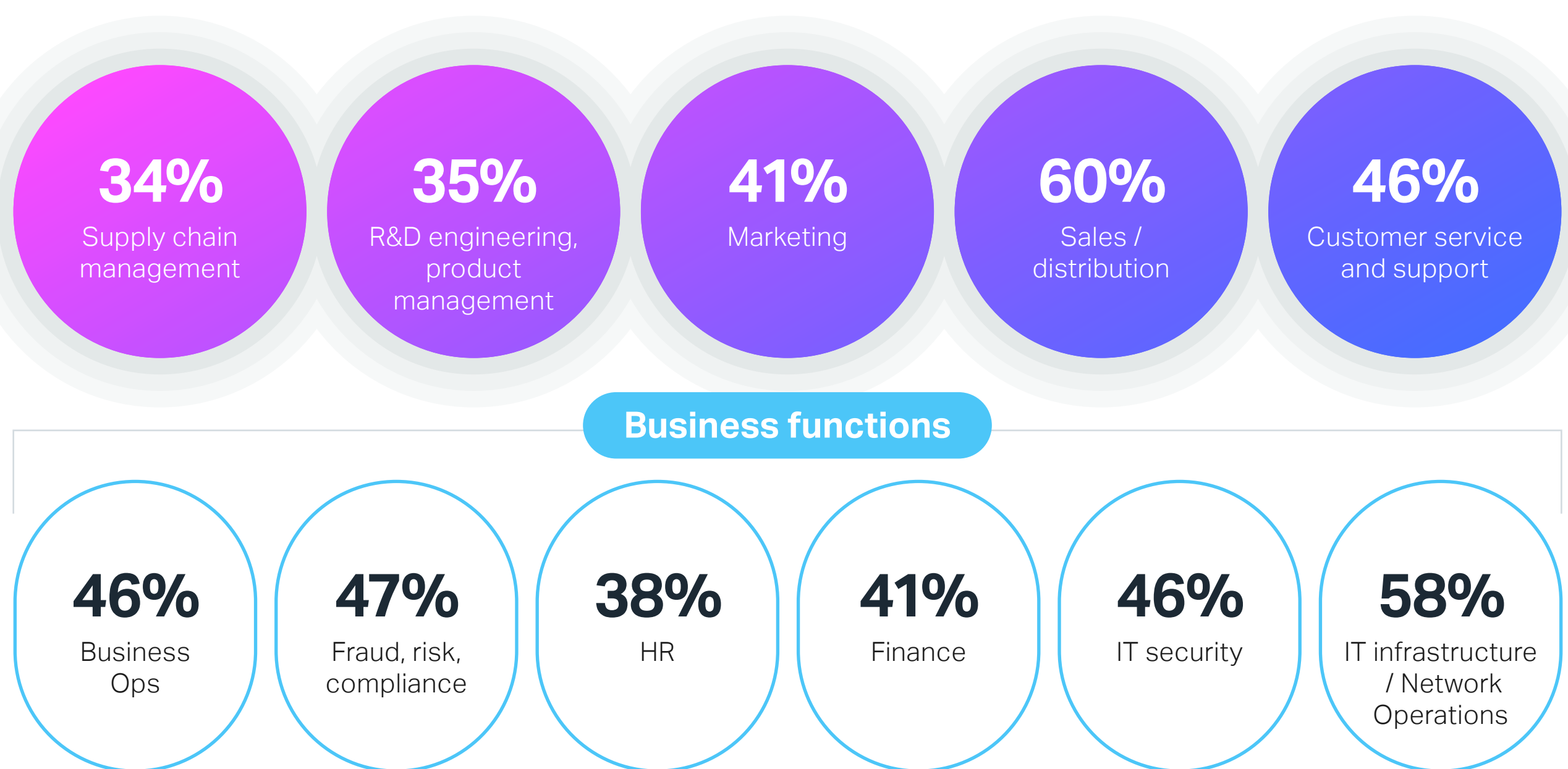


#2 Investment priority: process automation

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

5x More business automation priorities

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



IDC's AI and Automation Survey, December 2021

n = 493

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."

Two approaches to mainframe access and integration

1 Terminal emulation
creates a one-to-one relationship between an automation platform and a host application

HOST SYSTEM
Multiple applications

TERMINAL EMULATOR

AUTOMATION PLATFORM
One script per host access interaction

IDC, 2022

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

2 Service enablement
creates a central, multi-purpose bridge between multiple hosts and multiple automation platform elements

HOST SYSTEM (A) Multiple applications

HOST SYSTEM (B) Multiple applications

HOST SYSTEM (C) Multiple applications

HOST SESSION 3270

HOST SESSION VT, HP, etc.

HOST SESSION 5250

HOST INTEGRATION PLATFORM
Reusable interaction models

APIs (REST, SOAP, .NET, JAVA, etc.)

AUTOMATION PLATFORM

IDC, 2022

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

#1 Priority: automating mainframe workloads

IDC Whitepaper - Creating Modern Automation Strategies with the Mainframe, RPA, and More, Neil Ward-Dutton, July 2022

"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."

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 and More"

[Read the white paper](#)