

Why Manufacturers Must Embrace Data-Driven Operations

Manufacturing is fraught with external and internal challenges that are causing businesses to rethink their operations. In this scenario, the importance of data cannot be overlooked.



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Manufacturing's Most Significant Operational Challenges

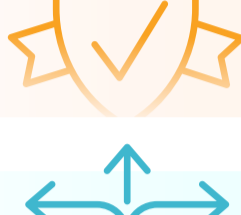
Manufacturers need to balance multiple variables for operational success.

Top challenges include:



47%

Increasing costs (production, maintenance, overhead)



43%

Maintaining and improving product quality



37%

Dealing with lack of agility and flexibility



36%

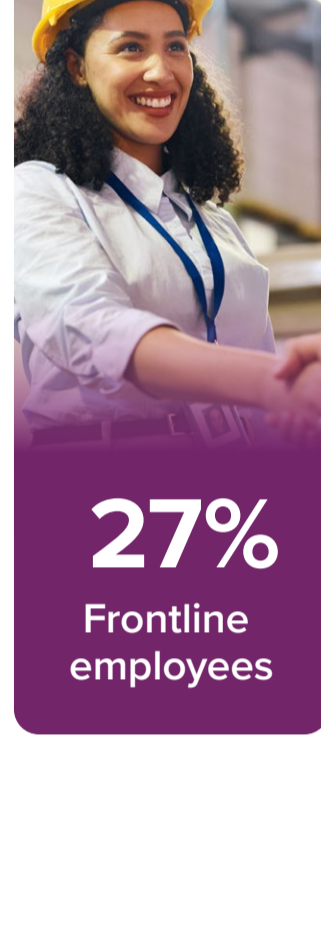
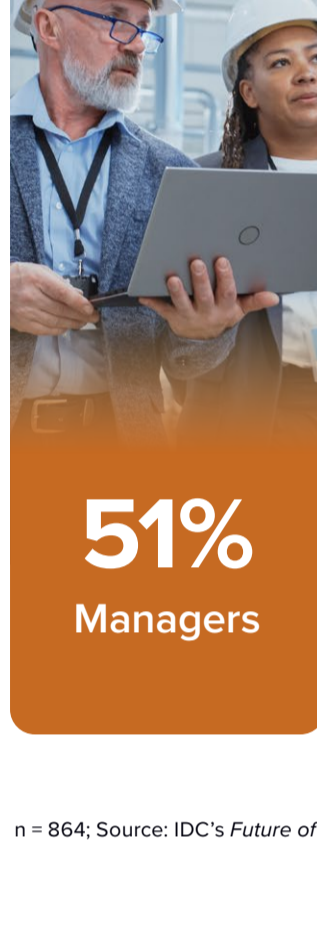
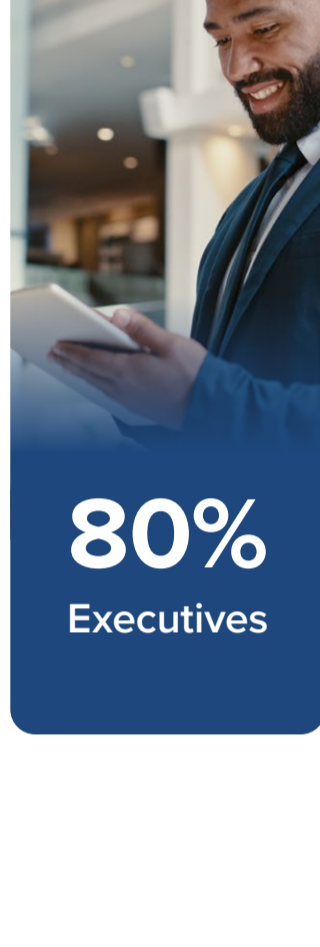
Having access to data and visibility of operational performance

n = 864; Source: IDC's Future of Operations Survey, August 2023

Manufacturers Need to Improve Data Access to Thrive

At many organizations, access to operational data is hard to come by.

Which stakeholders have access to the real-time operational data they need?



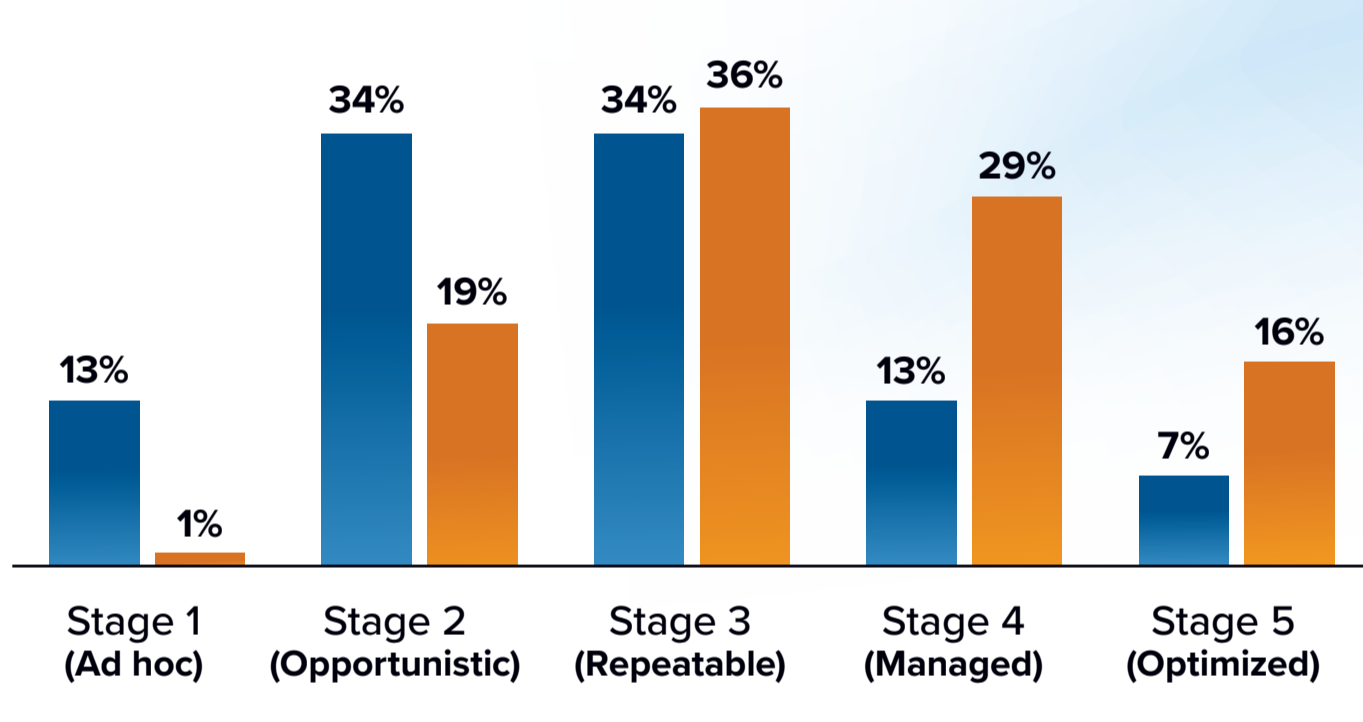
n = 864; Source: IDC's Future of Operations Survey, August 2023

Forward-Thinking Manufacturers Pursue Data-Driven Operations

Manufacturing leaders have progressed further down the maturity path enabling more effective decision making.

How mature is your organization on its journey to data-driven options?

Digital Laggards Digital Leaders



n = 864; Source: IDC's Future of Operations Survey, August 2023

The Operational Decision-Making Process

Manufacturing leaders are more likely to embrace collaboration for operational decisions, allowing for shared expertise and more improvements across the value chain.

Laggards Leaders

(Percentage of respondents)

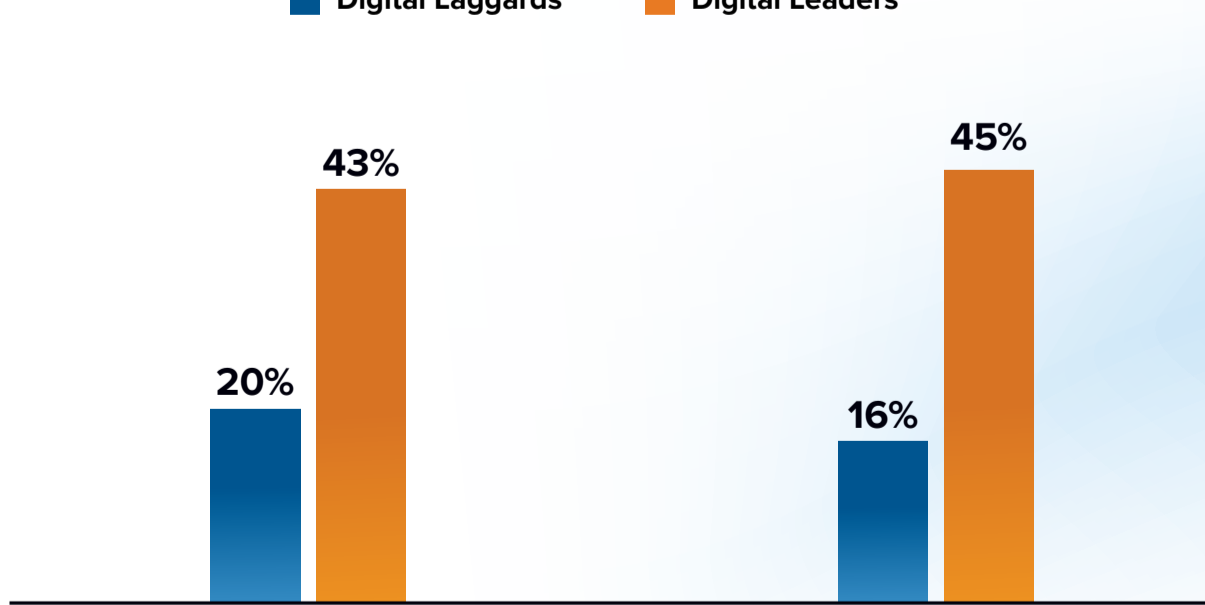


n = 864; Source: IDC's Future of Operations Survey, August 2023

Digital Maturity Impacts the Top and Bottom Lines

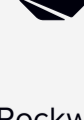
Become a technology leader to experience far greater returns than peers through data-driven operations.

Digital Laggards Digital Leaders



n = 3,129; Source: IDC's Digital Manufacturing Study, May 2023

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