

Harnessing Digital in Manufacturing

Many digital efforts aren't tied to a broader strategy. Go beyond experimentation to deliver lasting returns.

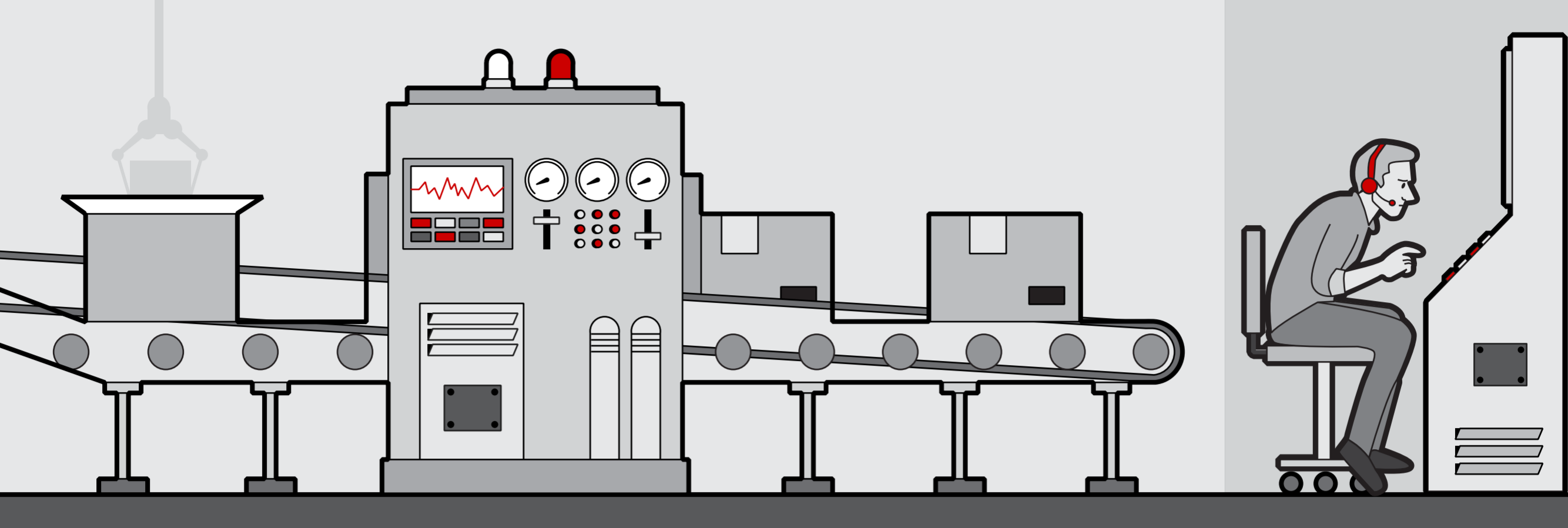
Productivity soars with digital manufacturing

Companies that get digital right boost efficiency by

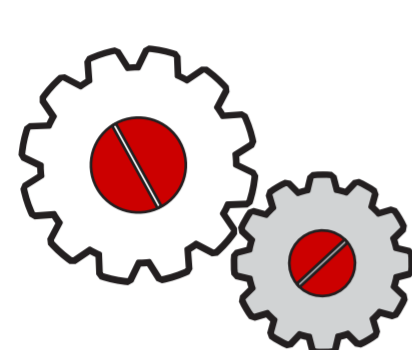
15% to 20%

Classic continuous improvement programs deliver average returns of only

2% to 4%



How digital improves the supply chain



Automated processes

improve efficiency, reduce error rates and increase flexibility



More accessible information

accelerates cycle times and improves collaboration with suppliers



Advanced analytics

improves planning and forecasting



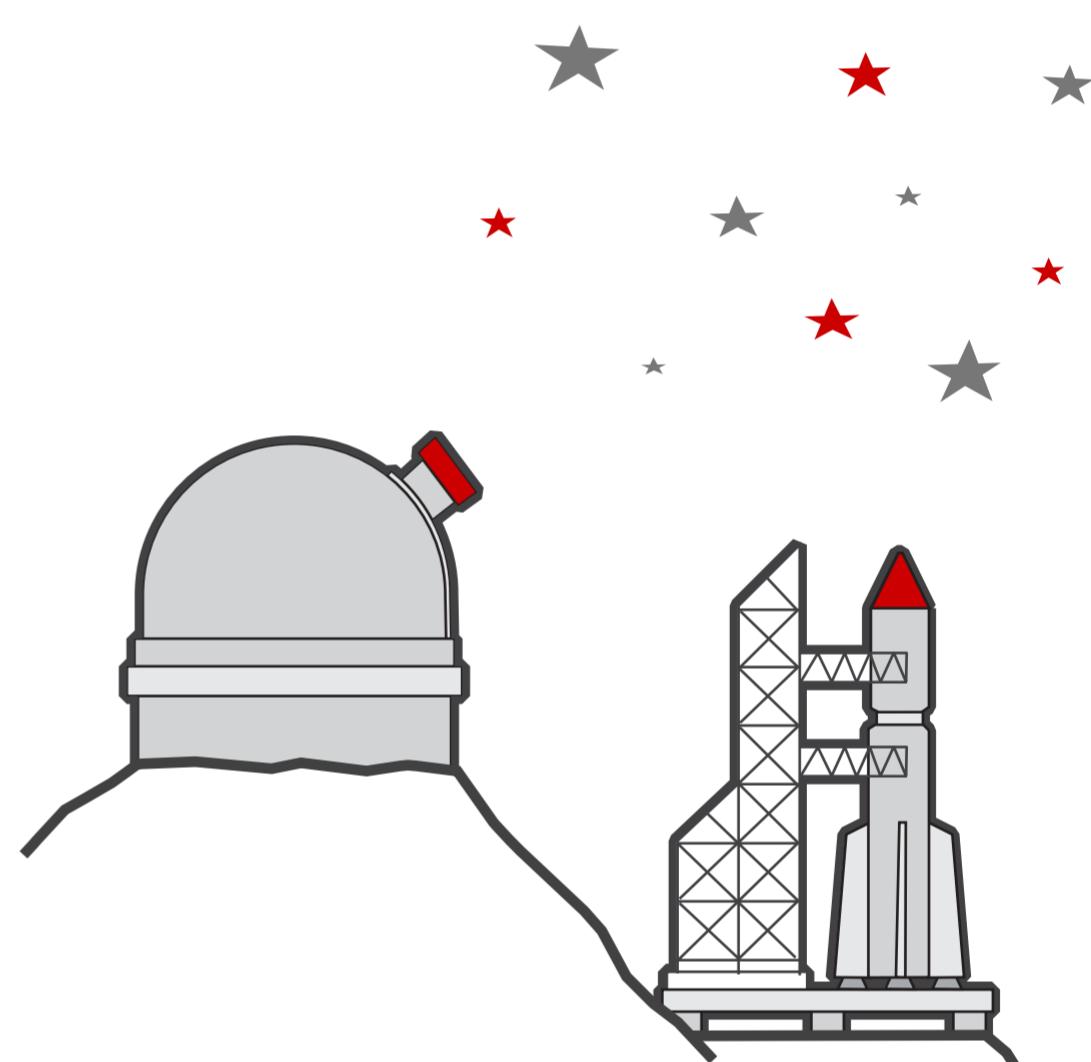
Digital tools

enhance employee productivity and safety

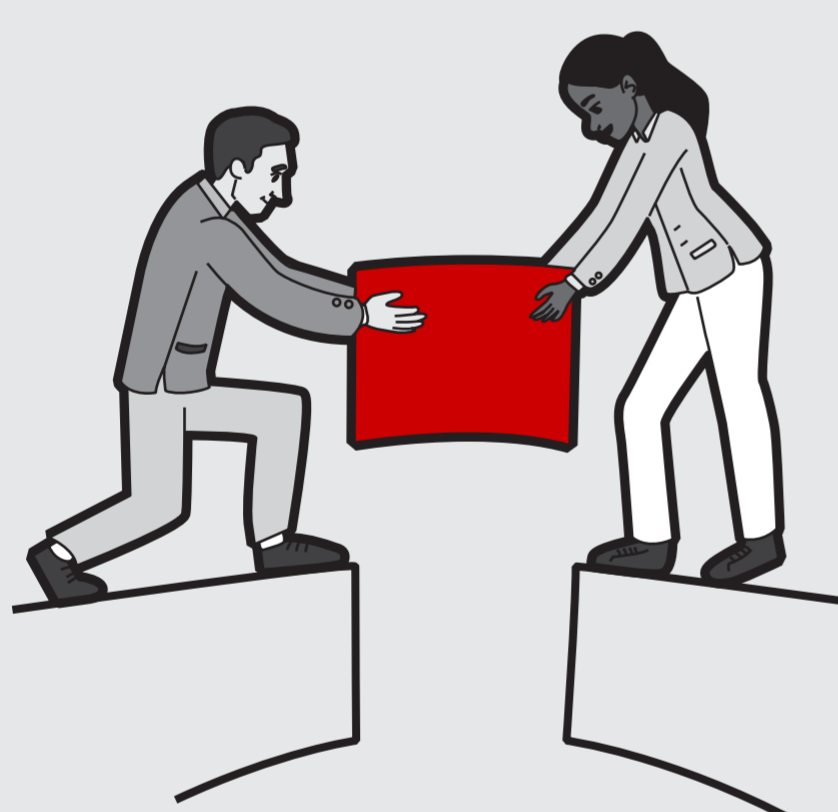
Five steps to getting digital manufacturing right

Set a long-term vision for digital innovation

Don't pursue pilot programs that are disconnected from the long-term strategy. Create a 5- or 10-year plan and invest only in projects that work toward those goals.



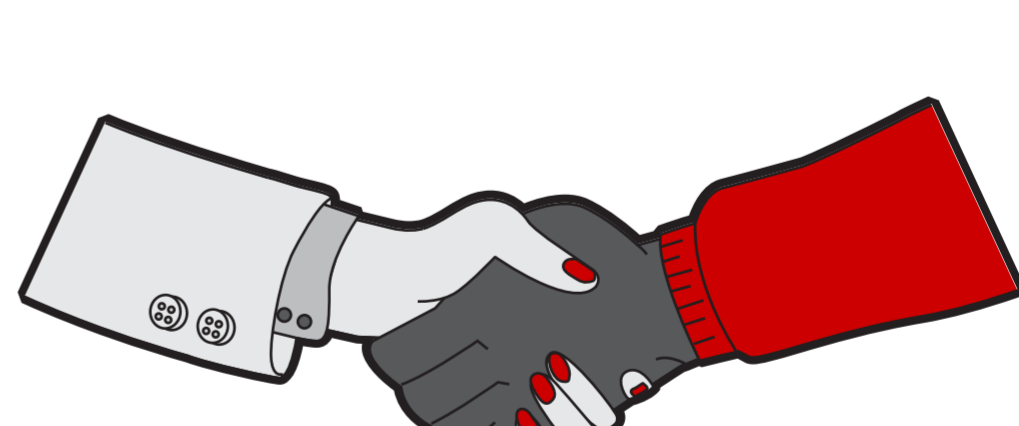
Coordinate across silos to avoid innovation tunnel vision



Exchange ideas and collaborate across departments to make sure digital investments benefit the company as a whole, not just individual functions.

Develop a network of trusted partners

Know which digital capabilities to build in-house and when to partner with external vendors to rapidly adopt market innovations.



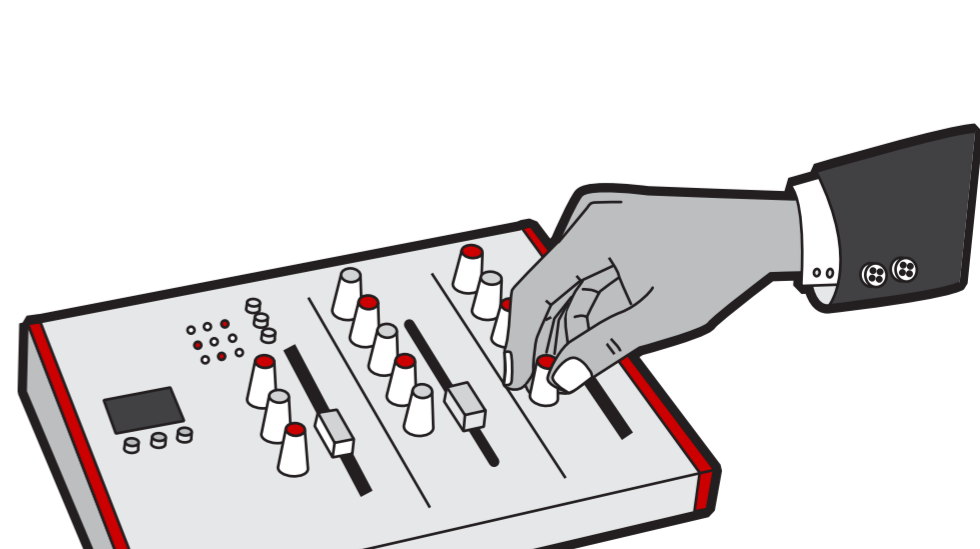
Make the business case for digital



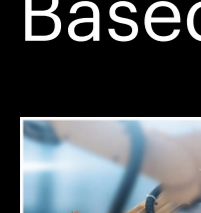
Look beyond traditional cost benefits and understand how digital tools can directly support longer-term revenue and growth objectives.

Adjust goals as the market changes

Digital dynamics change constantly. Monitor industry shifts and innovations, and fine-tune the strategy as competition, markets and technologies evolve.



Based on:



Industry 4.0: Getting Digital Manufacturing Right
bain.com/digital-manufacturing

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