

5 Trends Shaping Manufacturing and What to Do About Them

In the face of marketplace upheaval, today's top manufacturers must respond rapidly, from streamlining the shop floor with smart devices to finding creative ways to function under increasing supply chain pressure. Stay on top of these five trends to outperform among fierce competition.

1 Growth of smart manufacturing.

Smart manufacturing, or the use of internet-connected technology in factories, promises unprecedented efficiency and visibility across the shop floor.



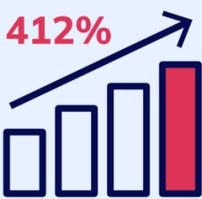
\$506 billion is the expected market size for smart manufacturing by 2027.¹

\$100 billion in value will be unlocked by manufacturers' digital transformations.²

Action items: The sooner you upgrade your factories with the right technology, the faster you'll reap the rewards of greater efficiency and a better bottom line.

2 Supply chain pressures.

Supply chain issues have caused problems for manufacturers and consumers alike for the past several years.



412% increase in mentions of supply chain issues from executives in earnings calls.³

Action items: Leverage new software platforms to connect with supplier systems. This gives you greater visibility across your supply chain and lets you adapt faster to supply chain shocks.

3 Labor shortages.

Many workers are close to retirement, which will lead to institutional knowledge gaps and losses. This, standing atop an existing labor shortage.



800,000 unfilled jobs means a wave of potential retirements could exacerbate an existing labor.⁴

Action items: Collect detailed data now to facilitate knowledge transfer. Automation tools help you boost efficiency and get more out of your existing workforce.

4 Increased data sharing and collaboration.

Organizations recognize that sharing data among their partners and improving collaboration within teams will help boost efficiency and get products to consumers faster.



80% of organizations will share their digital twin data with others in their supply chain ecosystem by 2025.⁵

Action items: Connect systems across regions, departments, and suppliers to boost collaboration, make more informed decisions, and adapt faster.

5 Emphasis on environmental, social, and governance (ESG) issues.

With heightened scrutiny from consumers and increased regulatory requirements, organizations must act now to take control of their ESG efforts.



83% of consumers think companies should be actively shaping ESG best practices.⁶

Action items: ESG is becoming essential. Choose software that will help you track and manage your efforts and provide a paper trail to show auditors and consumers.

Learn more about how you can improve your connected manufacturing efforts in the eBook: [Delivering on the Promises of Connected Manufacturing.](#)

¹ Intel, "Paving the Way for Smart Factories," June 18, 2021. | ² McKinsey, "Digital Collaboration for a Connected Manufacturing Workforce," May 5, 2020. | ³ Reuters, "Supply Chain Disruption: Is the Worst Over?" November 3, 2021. | ⁴ Bureau of Labor Statistics, "Job Opening and Labor Turnover Survey," accessed October 12, 2021. | ⁵ IDC, "IDC FutureScape: Worldwide Future of Industry Ecosystems 2022 Predictions," December 21, 2021. | ⁶ PWC, "Beyond Compliance: Consumers and Employees Want Businesses to Do More on ESG," 2021