

# Industry 4.0

Four pillars to create your path to digital transformation



Process



Workforce



Assets



Customer Experience

Industry 4.0 optimization presents incredible manufacturing opportunities for digital transformation. Identify the **most significant challenge** faced by your business—and go from there.

Here's how to get started:



PROCESS

## Digital operations platform



**Challenge:**  
73% of manufacturers plan to invest more in smart factories to support innovation and automation.<sup>1</sup>

**Solution:**

A cloud-based, agile DOP can provide the integration, extensibility, collaboration, analytics, and mobility to meet productivity goals.

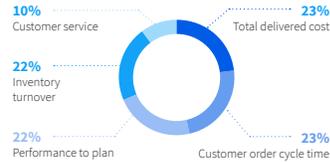
## Supply chain

**Challenge:**

Manufacturers are divided on identifying key metrics for improvement when aligning new and shifting business goals.<sup>2</sup>

**Solution:**

End-to-end supply chain tools deliver a network-wide view of inventory and visibility into potential bottlenecks to help lower total delivered cost and improve customer service.



WORKFORCE



**Challenge:**  
70% of manufacturers moving into robotics will need operations talent to manage more automated and flexible production.<sup>3</sup>

**Solution:**

Cobots can handle heavy, repetitive, or monotonous tasks, so employees can focus on strategic tasks and new jobs.



ASSETS



**Challenge:**  
Only 12% of companies proactively leverage the potential of digital technologies.<sup>4</sup>

**Solution:**

A predictive maintenance strategy can catch issues before they become expensive and time-consuming.



CUSTOMER EXPERIENCE



**Challenge:**  
70% of manufacturers will use digital copies of the physical world (digital twins) to conduct simulations and scenarios by 2022.<sup>5</sup>

**Solution:**

PLM and CPQ systems can use real-time data from digital twins to inform product design, production decisions, and improve the customer experience.

These strategies will help you plan your journey to Industry 4.0—but this is just the beginning.

To learn more, read our new eBook, "Embracing the power of strategic digital transformation in manufacturing."

DOWNLOAD THE E-BOOK

1. <https://www.pwc.com/us/en/industries/assets/pwc-navigating-the-4i.pdf>  
 2. [https://www.bdo.com/jermedia/86251/11-ef8f-4c22-9a8e-8a6c1c1a6a6b/NO\\_Industry4-Benchmarking-Survey\\_2019\\_WEB-05.aspx](https://www.bdo.com/jermedia/86251/11-ef8f-4c22-9a8e-8a6c1c1a6a6b/NO_Industry4-Benchmarking-Survey_2019_WEB-05.aspx)  
 3. <https://www.pwc.com/us/en/industries/assets/pwc-navigating-the-4i.pdf>  
 4. <https://www.caggenril.com/fr/en/2019/09/industry-4-0-maturity-model-mirroring-today-to-sprint-into-the-future/>  
 5. <https://www3.deloitte.com/us/en/insights/issue-trends/2020/digital-twin-applications-bridging-the-physical-and-digital.html>