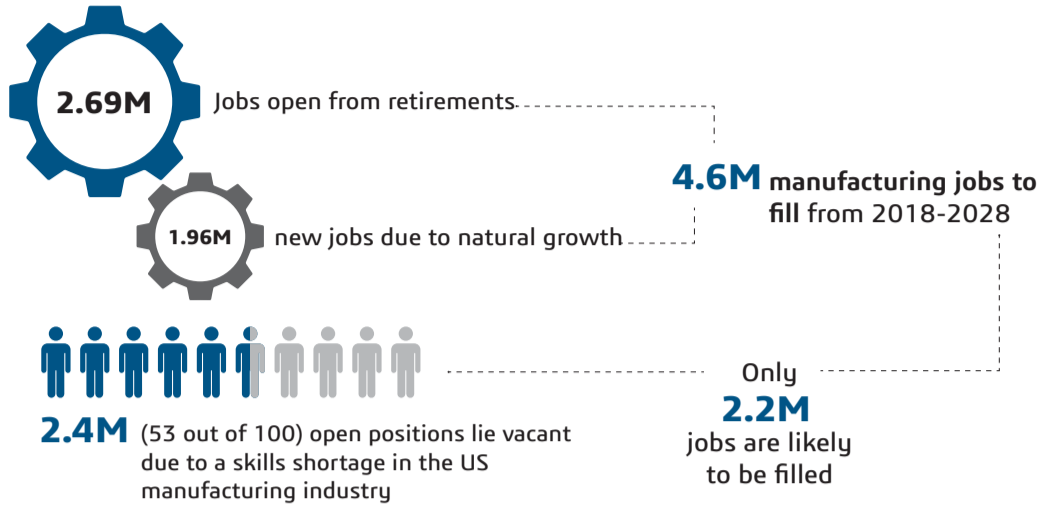


Tackle Tech Talent Shortages with Knowledge Management

Learn how your own experts' know-how can help build your manufacturing workforce of the future

Severe Skill Gap in Manufacturing

The skills gap may leave an estimated 2.4 million positions unfilled between 2018 and 2028

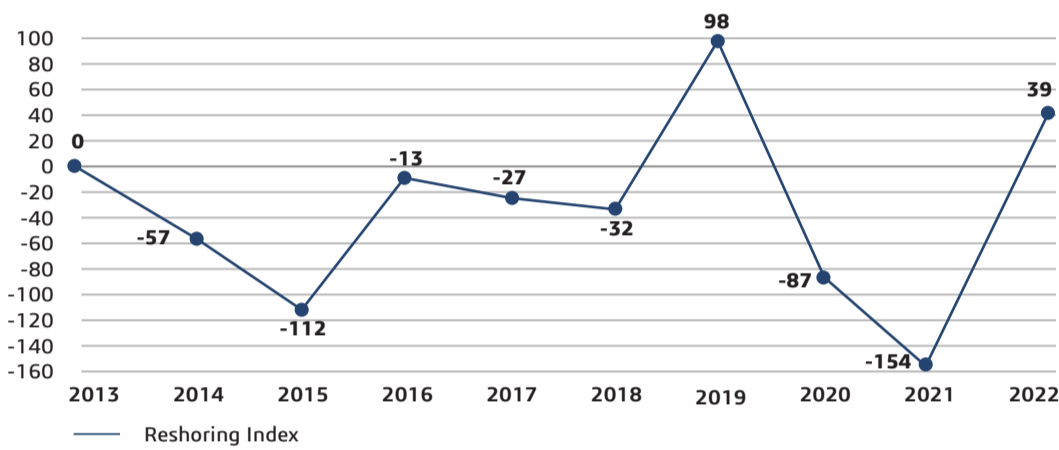


Source: Deloitte Consulting and the Manufacturing Institute

Rising Reshoring index Score

Year-over-year change in U.S. manufacturing import ratio

Year-over-year change in the US MIR (Basis points, 2013-2022)



Source: Kearney US Reshoring Index

Driving Forces



High Industrial Demand



Post-COVID Losses



Supply Chain Disruptions



Educational Gap

Ways to Improve



Competitive compensation



Improved work-life balance



Education Partnerships



Repairing perception



Diversity and inclusion

Knowledge Management: How capturing know-how of your expert machinists helps build your future workforce

What is Knowledge Management?

In the context of digital manufacturing, Knowledge Management refers to the practice of applying standardized methods to capture knowledge from experts to be reused by the rest of the team.

- 1 Standardized machining templates improve programming quality
- 2 Boosts productivity across the board by reusing programming information
- 3 Reduces errors and increases quality by assuring machinists adhere to best practices
- 4 Facilitates and speeds onboarding of new machinists

NC Knowledge Manager

NC Knowledge Manager is a role in of the 3DEXPERIENCE Works Machining portfolio.



Define Machining Operations
NC experts can define machining operations for specific features on a given part with all details, including tool paths, cutting tools, macros, etc.

Increase Productivity for NC Programmers
NC programmers can search for specific machining operations and reuse them for their current process



Create Personalized Activities
Both NC experts and programmers can customize their own personalized activities

Download the eBook now to learn how you can tackle your tech talent shortages by capturing the know-how and best practices of your seasoned CNC experts.

[Download the eBook](#)