



# Unlock the power of AI for frontline manufacturing workers

Get started



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# Introduction:

## An inflection point for frontline workers

With frontline workers representing 80% of the global workforce<sup>1</sup>, effectively supporting them is more crucial than ever:



Over 60% of workers say their company could do more to prioritize culture and communication from the top<sup>1</sup>



51% of frontline workers in non-management positions don't feel valued as employees<sup>1</sup>



Frontline workers cite better pay and benefits, work-life balance, and flexibility as reasons for considering a job change<sup>1</sup>

1. [Work Trend Index Special Report, 2022](#)

Yet there's reason for optimism as well, with 63% of frontline workers excited about the job opportunities technology creates, and tech ranking as one of the top three factors that workers say could help relieve workplace stress<sup>1</sup>.





# Factory workers face evolving challenges

The evolving role of frontline workers is essential to the future of manufacturing, but many are often stuck operating with outdated tools and systems. It becomes difficult for your frontline manufacturing workers to focus on the work that really matters when they spend most of their time consumed with:



Manual processes



Gaps in information



Device overload



# Unlock new efficiencies for your manufacturing workers

Empower your frontline workers, unify your organization's communications and business processes onto one secure platform, and ready your people for the AI-powered future with Microsoft Teams and Copilot for Microsoft 365.

This e-book will examine how our solutions and Copilot for Microsoft 365 support frontline manufacturing worker use cases.





# Enhance schedule management

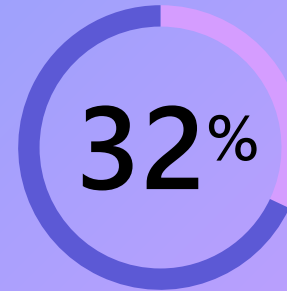
## The challenge

One of the most time-consuming processes for managers is schedule management. Redundant scheduling tasks include requests to swap shifts, take time off, and unscheduled leave, which can overwhelm managers and take up valuable time.

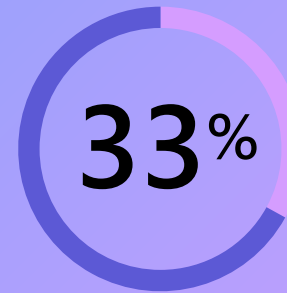
## The solution

We can configure Microsoft Teams to match the workflows and processes your frontline workers and their managers follow to update and manage schedules. Leadership can then quickly identify who can cover a shift, quickly craft a message, and act on these updates directly in one system.

1. [Work Trend Index Special Report, 2022](#)



of frontline manufacturing workers cite a fixed or rigid schedule as one of their top five work-related stresses<sup>1</sup>



of frontline manufacturing workers are looking to tech to help them with scheduling<sup>1</sup>

# Accelerate onboarding and upskilling

## The challenge

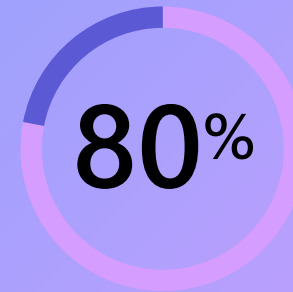
When new employees join the company, managers must dedicate time to compile and share onboarding documents, policies, and resources. If these files are stored in disparate systems, it is time-consuming to find the most up-to-date versions or update the files they do have. Additional difficulties arise when managers and employees use multiple devices where applications and files do not automatically sync.

## The solution

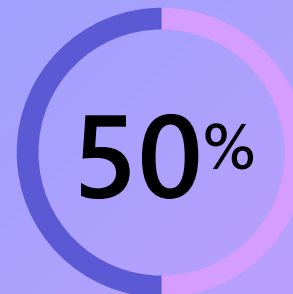
Microsoft 365 helps equip your frontline workforce with the right digital tools to get their jobs done effectively. It enables them to communicate more easily and engage in your company culture, while acquiring new skills that can help them feel more valued. And with Copilot for Microsoft 365, managers will be able to streamline onboarding steps and quickly gather associated documents, leading to better customer experiences and more efficient operations.

2. [IoT Signals: Manufacturing Spotlight](#)

3. IDC: Worldwide Manufacturing 2023 Predictions, October 2022



of manufacturing decision makers said they're dealing with skill gaps, particularly in data science, AI, and cybersecurity<sup>2</sup>



By 2024, 50% of manufacturers will prioritize digital literacy as a key skillset during talent acquisition and retention<sup>3</sup>

# Gain operational visibility

## The challenge

Frontline data cannot be used in real time due to a lack of cloud-based systems or siloed solutions. Frontline manufacturing workers and their managers struggle to make data-backed decisions to track progress, address issues, and make improvements.

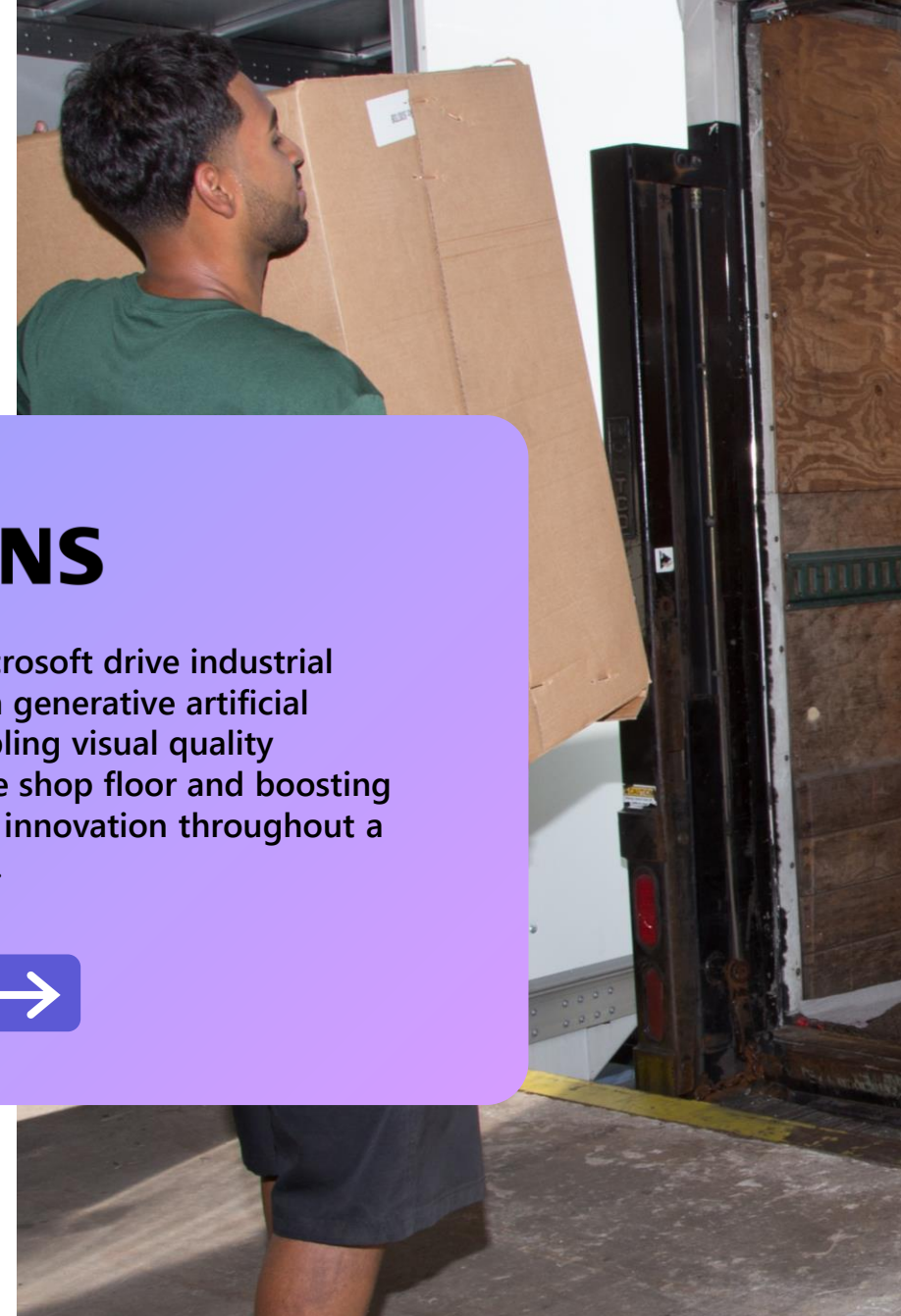
## The solution

Harnessing the collaborative power of AI helps industrial companies drive innovation and efficiency across the manufacturing and operational lifecycle of products. Enlist the deep expertise of our business to effectively implement Microsoft Teams, so you can start unlocking new efficiencies and material impacts faster.

## SIEMENS

Siemens and Microsoft drive industrial productivity with generative artificial intelligence enabling visual quality inspection on the shop floor and boosting productivity and innovation throughout a product lifecycle.

[Read More →](#)





# Conclusion

As a trusted Microsoft partner, we can provide the expertise and guidance your organization needs to implement Microsoft Teams in your organization and help them get ready for Copilot for Microsoft 365.

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As frontline workers continue to account for the majority of employees in manufacturing, invest in solutions that support their efficiency.



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