

10 Reasons to Adopt AI Agentic Systems

written by Lauri Moon | April 24, 2026



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(1-hour, Webinar)



Manufacturers are facing a perfect storm: experienced employees are retiring, skill gaps are widening, operational complexity is increasing, and pressure for efficiency continues to mount. At the same time, AI is rapidly reshaping how work gets done across industries—including manufacturing.

AI **agentic systems**—AI that can reason, take action, and collaborate with people—are emerging as an **essential resource** for manufacturers that want to protect their knowledge, stabilize their workforce, and remain competitive.

This webinar focuses on **WHY manufacturers are adopting agentic systems now**—and why waiting carries real risk.

Join us May 13th for this no cost webinar!

[Register](#)

Zoom link will be emailed prior to event.

What You'll Gain from This Session

In this session, we'll examine **10 compelling reasons WHY manufacturers should implement AI agentic systems**, such as:

- Protecting proprietary processes and tribal knowledge
- Capturing decades of tacit expertise threatened by retirements and turnover
- Maintaining consistency, quality, and safety across shifts, teams, and facilities
- Reducing training costs while accelerating productivity and onboarding
- Increasing workforce efficiency and resilience without adding headcount

This webinar explores the **strategic, operational, and workforce drivers** pushing manufacturers to act.

Who Should Attend

This webinar is designed for manufacturing leaders and practitioners who are responsible for performance, capability, and long-term competitiveness, including:

- Operations and Plant Leaders
- HR, Training, and Workforce Development Teams
- Continuous Improvement and Lean Leaders
- Safety, Quality, and Compliance Managers
- IT and Digital Transformation Leaders
- Executives and Strategy Leaders

If your organization depends on skilled workers, repeatable processes, and protected know-how, this webinar will help clarify **WHY AI agentic systems are becoming a necessity for modern manufacturing—now.**

Join us!

[Register](#)

This is a no-cost webinar.

Meet Your Presenter:



Dennis Gilbert is President of the IMC. His professional experience includes General Manager of a local manufacturing and retail operation, Managing Director of Workforce Development & Continuing Education at Penn College, and just prior to joining IMC in 2021, President/Owner of Appreciative Strategies, LLC. Dennis has extensive experience in manufacturing, leadership, non-profit management, and developing strategic marketing initiatives using social media platforms.

Dennis obtained his master's degree from Pennsylvania State University in Workforce Education & Development, his bachelor's degree from Pennsylvania College of Technology in Technology Management and an Associate degree in Computer Science from Williamsport Area Community College.

Why Your Manufacturing Firm Needs AI Agentic Systems — Now

written by admin | April 24, 2026



Modern manufacturing is facing a perfect storm: retiring experts, widening skill gaps, rising complexity, and increasing pressure for efficiency. AI agentic systems offer a practical, immediate path to protect your knowledge, empower your workforce, and future-proof your operations. Early adopters are already gaining a competitive edge — and the window to build private, organization-specific agents is closing fast.

Below are the **10 most compelling reasons** to begin your AI agent journey today. For additional insights, attend our April 24th Webinar.

10 Reasons to Adopt AI Agentic Systems

1. Protect Your Proprietary Know-How

As open-agent ecosystems expand, generic AI will shape industry norms. Building private agents now ensures your unique processes, methods, and tribal knowledge remain protected and don't get diluted into public models.

2. Capture Tacit Knowledge Before It's Lost

Retirements and turnover threaten decades of expertise. AI agents preserve critical insights, troubleshooting logic, and best practices that would otherwise disappear.

3. Accelerate New-Hire Productivity

Agentic systems act as on-demand mentors, giving new workers instant access to expert guidance and reducing ramp-up time.

4. Reduce Training Costs and Skill Gaps

AI agents deliver consistent, real-time instruction — lowering training hours, minimizing rework, and supporting upskilling without pulling senior staff off the floor.

5. Strengthen Safety and Compliance

Agents reinforce correct procedures, monitor for deviations, and provide step-by-step support to reduce risk and maintain regulatory alignment.

6. Improve Process Consistency and Quality

AI agents follow defined logic every time, reducing variability across shifts and helping teams hit higher first-pass yield.

7. Boost Workforce Efficiency Without Adding Headcount

Agents automate repetitive tasks, documentation, troubleshooting, and decision support — freeing your people to focus on higher-value work.

8. Increase Resilience Against Labor Shortages

When staffing changes occur, AI agents maintain continuity, stability, and operational performance.

9. **Unlock Continuous Improvement at Scale**

Agents learn from every interaction, surfacing improvement opportunities and standardizing best practices across teams and facilities.

10. **Stay Competitive in a Rapidly Evolving Industry**

Manufacturers who adopt agentic systems now will outperform peers in agility, cost control, and workforce capability as AI becomes the new operational baseline.

Your Next Step

AI agentic systems are no longer experimental — they're becoming essential infrastructure. The manufacturers who act now will own their knowledge, strengthen their workforce, and build a durable competitive advantage.

Join us April 24th for our 10 Reasons to Adopt AI Agent Systems webinar.

Download our 10 Reasons to Adopt AI Agentic Flyer

This article was created with assistance from Microsoft Copilot and refined by the IMC team.

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