



OpsMate AI: Factory Problem Solving Platform

Empowers manufacturers to train, deploy, and manage AI-skilled workers



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Manufacturing Spent Billions in Digital Tools. Productivity Still Declined.

Manufacturing has invested \$238B / year in digital tools. Productivity still declined 4.4% from 2010–2023. The reason isn't more data — it's a shrinking pool of people who can act on it.



\$238B

ANNUAL CAPITAL INVESTMENT
US manufacturing · Census Bureau, 2022

"A national crisis." — Jim Farley, CEO of Ford,
on the loss of skilled manufacturing workers.

-4.4%

PRODUCTIVITY DECLINE
US manufacturing · 2010–2023, LNS Research

~50%

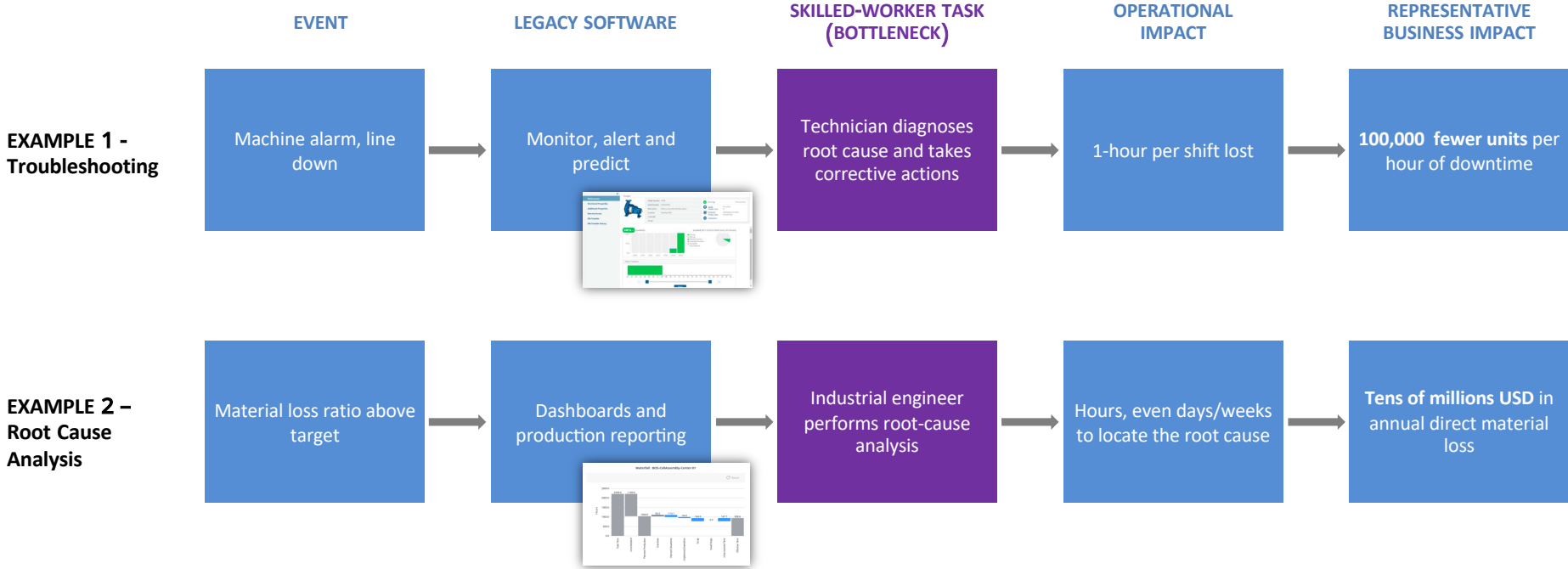
SKILLED-LABOR TIME LOST
Search and non-value-added work · Customer time
study, Oct 2025

- Plants invested in data and visibility, not expertise.
- Problem solving still depends on a limited number of experts gathering context, deciding, and coordinating action across fragmented systems and processes
- OpsMate turns expert know-how into scalable digital workers.

The next **bottleneck** is not visibility. It is **expert decision-making** inside daily workflows.

The Skilled Worker Bottleneck: Critical Workflow Examples

Legacy Software Helps Factories See Problems, Human Skilled Workers Help Factories Solve Problems

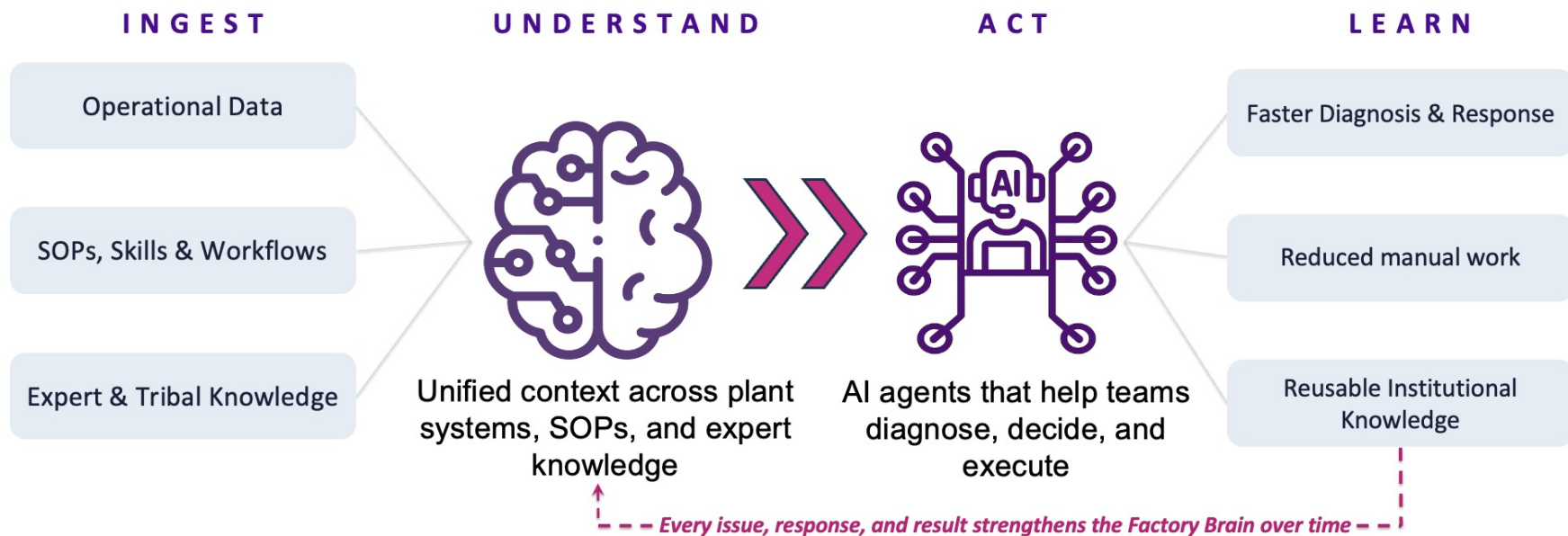


Factories currently rely on human skilled workers to turns factory signals into decisions and actions. **Those processes are highly manual, and the skilled workforce is scarce, expensive, and difficult to scale.**

Solution: AI Skilled Workers for Factory Problem Solving

OpsMate is a Factory Problem-Solving Platform that empowers manufacturers to train, deploy, and manage AI-skilled workers who diagnose issues, recommend and orchestrate actions, and learn from every resolution - so factories solve problems faster and improve continuously over time.

AI agents for troubleshooting, root cause analysis and continuous improvement



The Result: Faster recovery, less downtime, lower material loss and reuseable institutional knowledge.

Six High Value – No Regret AI Skilled Workers

Every role works grounded in your plant knowledge, your data and your procedures

Frontline Coach

Step-by-step guidance, context-specific questions, auto-generated One-Point Lessons and inspection forms.

VALUE · Better execution, faster onboarding

Machine Troubleshooter

Reasons through equipment symptoms, surfaces past incidents, recommends corrective actions.

VALUE · Faster MTTR

Process Engineer

Translates engineering specs and wiring diagrams into step-by-step setup instructions.

VALUE · Reduced cycle time and errors

Quality Engineer

Runs the morning routine — yields, shift anomalies, D8/PFMEA/CAPA cross-reference, summary draft.

VALUE · Automated quality analysis

Knowledge Capture Assistant

Captures voice/image/text/video during handovers, deviations, and troubleshooting events.

VALUE · Institutionalizing expertise

Safety Advisor

Real-time guidance on safety protocols and analysis and reporting of emerging risk patterns.

VALUE · Proactive risk prevention

Start with one or two roles where the pain is sharpest. The rest get easier - they share the Factory Brain underneath.



Factories don't lack data—they lack fast, consistent execution.

OpsMate turns fragmented data, knowledge, and tribal expertise into AI Skilled Workers, real-time guidance, and orchestrated workflows.

