

EMBEDDED AGENT PILOT FOR MANUFACTURING

60 days. One workflow. One operational KPI.



Your KPI. Your target.
We hit it or you don't pay.

A low-risk, outcome-based pilot to deliver measurable results on a real manufacturing problem—fast.

HOW THE PILOT WORKS



**Week 1: Map the workflow.
Baseline the KPI.**

Define success criteria with operations and plant leadership.



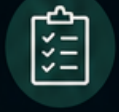
**Weeks 2–5: Build the agent
against your data.**

Integrate with ERP, MES, documents, or existing workflows. Shadow-test in a controlled environment.



**Weeks 6–7: Live in production.
Human-in-the-loop.**

Deploy into production with oversight and measure operational impact in real workflows.



**Week 8: Signed report.
KPI delta vs. baseline.**

Deliver results report and clear recommendation for production rollout.



LOW-RISK ENGAGEMENT MODEL

- ✓ Focused on one measurable manufacturing KPI
- ✓ Fast time-to-value
- ✓ Small operational footprint
- ✓ Built alongside your existing team
- ✓ Scale only after results are proven

\$75K–\$150K
FIXED-PRICE PILOT



Fixed fee. No time-and-materials surprises.



No change-order chaos.



Built on Microsoft Azure, AI Foundry and Microsoft Copilot.

MANUFACTURING USE CASES WE CAN PILOT

1



Production scheduling / constraint optimization

Optimize schedules using real-time data, machine capacity, labor, and material constraints to increase throughput and on-time delivery.

2



Predictive maintenance / downtime reduction

Predict equipment failures and identify anomalies early to reduce unplanned downtime and maintenance costs while improving asset reliability.

3



Quality, scrap, and defect analysis

Detect defects, identify key quality drivers, and predict scrap to improve first-pass yield and reduce rework and warranty costs.

4



Operator / technician knowledge agent

Provide instant answers to SOPs, troubleshooting, maintenance procedures, safety guidelines, and work instructions—right at the point of need.

5



Root-cause analysis agent

Automatically analyze data from MES, historians, quality, maintenance, and ERP to surface the real cause faster and recommend corrective actions.

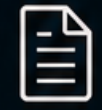
6



Supply chain / procurement exception management

Detect disruptions, delays, and supplier issues early and recommend actions to keep materials, inventory, and production on track.

7



Engineering document / BOM / change-order intelligence

Search and extract insights from drawings, specs, BOMs, ECOs, and technical documents to accelerate decisions and reduce engineering cycle time.



BOOK A TIME WITH OUR TEAM

Start with a 90-minute AI Innovation Workshop and we'll scope the pilot live.

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