

A Human-Centric AI Approach

Executive Summary

Let's talk about one of manufacturing's biggest challenges: unplanned downtime costs manufacturers hundreds of thousands of dollars per hour, with some automotive facilities losing up to \$1.3 million per hour of downtime. In food and beverage processing alone, facilities typically lose \$30,000 per hour when production lines are unexpectedly down. While you've likely tried various solutions to tackle this challenge, there's often a missing link between collecting data and turning it into actionable intelligence that drives real results. We're here to show you how bringing together human expertise and AI can cut your unplanned downtime by up to 50% while empowering your engineering teams to excel.

The True Cost of Unplanned Downtime

You know better than anyone that unplanned downtime affects more than just your production numbers. When a line goes down unexpectedly, it creates ripple effects throughout your operation:

- Your production schedules get disrupted, making it harder to meet customer commitments.
- Product quality can become inconsistent during restarts.
- Your maintenance costs spike from emergency repairs.
- Most importantly, your team's morale takes a hit, and your customer relationships might suffer.

These compounding effects make unplanned downtime one of your toughest operational challenges. But together, we can tackle it head-on.

The Data Paradox in Manufacturing

Your facility likely generates massive amounts of data from countless sensors, systems, and processes. But as you've probably discovered, more data doesn't automatically mean better outcomes. Your engineers and operators might find themselves

swimming in data while still searching for clear, actionable insights. Here's what we typically hear from manufacturing teams:

- "We have data in different systems that don't talk to each other."
- "We get so many alerts, it's hard to know what really matters."
- "We're always reacting instead of preventing."
- "We can see there's a problem, but we don't have enough context to fix it quickly."
- "We know our team has the expertise - we just need to put it to better use."

A New Approach: Human-Centric AI

The solution isn't about replacing your team's expertise with artificial intelligence - it's about amplifying it. Think of human-centric AI as a powerful tool that makes your team's knowledge and experience even more valuable. Here's how we work together:

Your team's expertise combines with advanced AI capabilities to create something greater than the sum of its parts. The system learns how your engineers think and work, providing insights that make immediate sense to them. This partnership helps your team make faster, more confident decisions while preserving and enhancing your facility's institutional knowledge.

Three Keys to Cutting Downtime

1. Predictive Intelligence That Makes Sense

Our AI works alongside your team, continuously analyzing patterns across all your data sources. Instead of just setting fixed thresholds, the system learns what "normal" looks like in your specific facility. It catches subtle signs of potential problems that might otherwise go unnoticed, giving your team time to act before issues become critical. Best of all, it understands context, dramatically reducing false alarms that waste your team's time.

2. Focus on What Matters Most

Not every potential issue needs immediate attention. We help your team prioritize effectively by:

- Clearly explaining why each issue matters and ranking them by impact
- Suggesting the best timing for maintenance interventions

- Helping you balance maintenance needs with production goals
- Making sure you're always focused on what will make the biggest difference

3. Clear Path to Resolution

When issues do arise, we make sure your engineers have everything they need to resolve problems quickly:

- Clear, step-by-step guidance based on your facility's history
- Easy access to similar cases and proven solutions
- Tools that make team collaboration seamless
- A system that learns from each resolution, making your team stronger over time

Real Results from Real Teams

Teams like yours are achieving remarkable improvements with this approach. When you combine your team's expertise with human-centric AI, you can expect to see unplanned downtime cut in half along with a significant increase in yield and an improvement in productivity.

Your Journey to Success

Let's break down how we can work together to transform your operations:

Step 1: Getting Started Right

We'll work with you to understand your current challenges and opportunities. Together, we'll identify what success looks like for your team and make sure we have the right foundation in place.

Step 2: Proving Value Fast

We'll start with areas where we can make the biggest impact quickly. Your team will help us configure the AI to your specific needs, and we'll make sure everyone knows how to get the most from the new capabilities.

Step 3: Growing Success

CUT UNPLANNED DOWNTIME BY 50%



As we see results, we'll expand to other areas of your operation. The system will keep learning and improving, and we'll make sure it works seamlessly with your existing processes.

Step 4: Continuous Partnership

We're in this for the long haul. We'll keep measuring results, incorporating your team's feedback, and finding new ways to drive improvement together.

Taking the Next Step

You have a choice: continue with traditional approaches to downtime management, or partner with us to transform your operations with human-centric AI. We're here to help you not just reduce downtime, but to create lasting operational excellence.

About GOLGIX

We're passionate about empowering manufacturing teams to achieve their highest potential. Our platform brings together advanced AI capabilities with interfaces designed for how your engineers think and work. We partner with organizations like yours to achieve breakthrough performance in uptime, yield, and overall equipment effectiveness.

Let's talk about how we can help your team cut unplanned downtime by 50% while making their jobs easier and more rewarding.

Ready to learn more? We'd love to show you how we can work together.

[Invite us for a GEMBA walk!](#)