

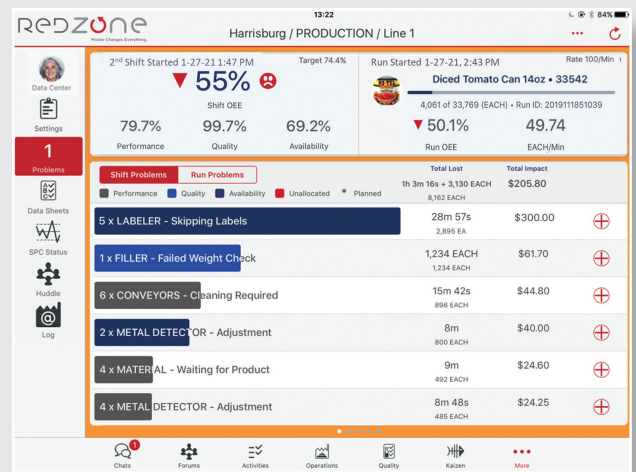
Significantly reduce unplanned downtime by engaging operators in maintaining *their* equipment to detect issues earlier and free up the Maintenance team to focus on preventative maintenance.



The Redzone Reliability module expands the Redzone Connected Workforce Solution into your Maintenance department to further extend the value of continuous productivity improvement.

By delivering maintenance specific tools to better manage regular maintenance work orders, the Maintenance team can spend more time on preventative maintenance (PM), but when combined with a new level of connection with production, the whole is greater than the sum of its parts; with operators performing basic maintenance tasks.

The Redzone Reliability module expands your team's reach by turning on operators' sense of sight, sound, and smell to identify potential issues before they result in disruptive downtime. When the inevitable unplanned event occurs, instant communication minimizes its impact.



Operator Care

Expand your maintenance resources by including operators on the team.

- Free up your maintenance resources by leveraging operators for clean/inspect/lubricate and other minor maintenance activities
- Reduce stoppages and unplanned downtime by enabling operators with greater ownership of the equipment they use and know

Work Orders and PMs

Increase visibility to the work that needs to be done and the issues that need to be resolved.

- Create a Doctor position and introduce Doctor's Rounds to pre-empt downtime events
- Define criticality ratings for PMs to minimize wasted time and ensure high priority equipment is operational
- Track planned downtime to effectively schedule PM activities without disruption

Operator Sense

Turn on an *early detection system* by activating your operators to:

- Catch potential downtime issues, before they happen, by training operators on early defect detection
- Tune operators' sight, sound, and smell senses into early-warning sensors
- Communicate potential issues to Maintenance in detail with videos to enable more single call repairs

Breakdowns

Breakdowns happen. Reduce their impact.

- Reduce lost productivity and frustration with instant connection to the Maintenance team
- Respond more quickly to unavoidable downtime to minimize waste and lost production capacity
- Monitor and evaluate event frequency to influence maintenance priority and scheduling

The Redzone Journey

The Redzone Connected Workforce Solution



“ I’ve been able to witness a transformation – a paradigm shift with the operators and maintenance. Part of it came through the care checks and senses, but the big shift is that the operator knows and understands that the machine they run is their *baby*. They need to know it and own the issues. ”

James Hinkle
Plant General Manager,
Capstone Nutrition

Reliability

The Reliability module completes the connection between the team-of-teams of Production, Quality and Maintenance, to minimize unplanned disruptions and downtime on the shop floor. With everyone working from the same digital production system, the collaboration of the entire Operations team is elevated, and more issues are identified and corrected earlier and proactively because everyone is focused on the same goals.

Typical Outcomes

↓
Sustained, double-digit productivity improvements
go right to your bottom line, increasing capacity or lowering costs.

↓
Collaborative workforce engagement
that dramatically reduces turnover because workers want to *Win the Day*.

↓
Culture of on-going continuous improvement
driven by shop floor ownership.



Predictable Outcomes

Implemented at over 700 plants around the world, the impact on people, teams, and your business, is transformative. Your people learn by doing; so even the most techno-shy individuals will be experts in no time.

- Teams focused on the *vital* few things that will move the needle
- Quick wins for your frontline teams that drive a culture of improvement
- Sustainable performance improvements that translate into significant cost savings
- Visibility of individuals that demonstrate leadership for advancement consideration
- Everyone working to the same goal and speaking the same language from the shop floor to the top floor