



PRODUCTIVITY NOW FOR

Dairy



Why Redzone?

Enjoy sustainable productivity improvements with organic **double-digit productivity improvements** to increase revenue and margins—without adding people or equipment.

Dramatically **reduce worker turnover** with an engaged workforce energized to excel by transforming workforce engagement to be more collaborative.

Create a lean manufacturing culture with **ongoing continuous improvement** driven by shop floor ownership.

Benefits for Dairy Manufacturers:

- Increase competitiveness by significantly increasing productivity in just 90 days to be the lowest cost producer.
- Keep volumes high and predictable with improved equipment reliability driven by operator care across your facility.
- Dramatically shorten startup, changeover and sanitation activities for even more production hours.
- Become more action-oriented with action management and kaizen events to streamline manual processes.
- Minimize costly production errors with statistical process control (SPC) and out-of-the-box analytics to reduce waste and giveaway.
- Improve quality and compliance of short shelf life products by digitizing paper-based processes for real-time accuracy and quicker, more impactful audits.
- Minimize IT burden and wet environment risks with secure cloud technology and off-the-shelf automation hardware.



Dairy Manufacturers in the Redzone Community



As Benchmarked

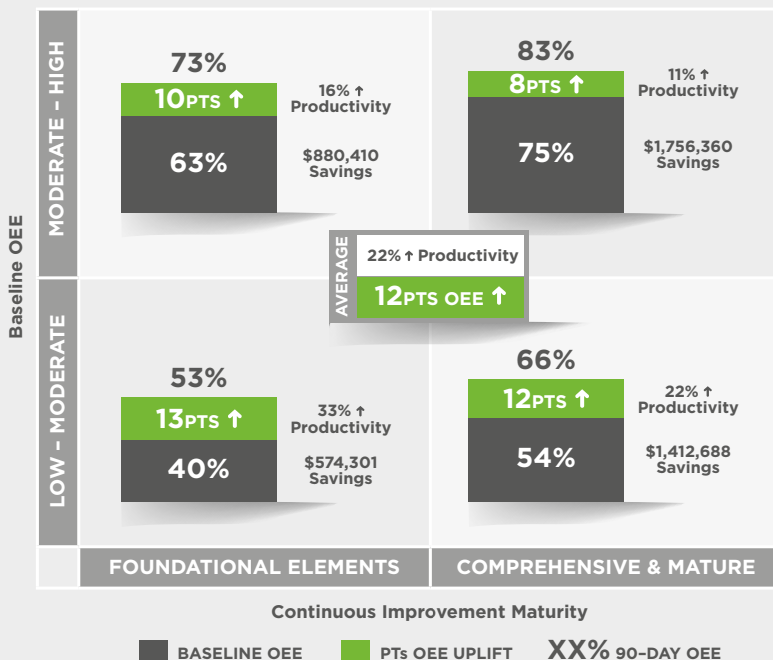
To assess the effectiveness of the Redzone Connected Workforce Solution, a benchmark study is conducted against the Redzone 90-Day productivity program every other year. The analysis compares baseline OEE to the resulting OEE uplift after 90 days and presents the resulting productivity improvement.

All Redzone community members demonstrate OEE uplifts in 90 days. Sophisticated, global manufacturers can expect double-digit increases while smaller, less mature plants enjoy >30% OEE uplifts.

The average 12% OEE uplift with an associated 22% productivity improvement across the entire sample means that users can enjoy additional capacity without adding resources or reduce costs without increasing output.

Perhaps the most impactful—but immeasurable—outcome has been the cultural phenomenon that resulted from improved communication across the plants considered in this study.

Initial 90-Day Benchmark Results Matrix



Dairy Benchmark

Below is a data extract of the results achieved by dairy manufacturers:

Dairy Results

Avg. OEE baseline	54.1%
90-Day OEE Uplift	10.5%
90-Day Productivity Improvements	19.4%

“Redzone is helping us to understand positive influences and negative challenges as close to actual events as possible which can be very powerful. Seeing a current day’s production – live – makes those numbers much more relevant for me.”

Charles Nutter
VP Operations, Oregon Ice Cream