



PRODUCTIVITY NOW FOR

## Beverages



### 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 into a more collaborative, more engaged team.

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

### Benefits for Baked Goods Manufacturers:

- Increase competitiveness by significantly increasing bottling productivity in just 90 days to overcome tight margins and become the lowest cost producer.
- Improve food safety and compliance by digitizing paper-based processes for quicker, more impactful audits.
- Keep volumes and machine reliability high with reduced unplanned downtime by engaging operators to become more intimately involved in maintaining their equipment.
- Dramatically shorten changeovers and other planned downtime (such as sanitation and clean in place (CIP) activities) to reduce pressure on products with sensitive shelf life.
- Become more *action-oriented* with action management and kaizen events to eliminate annoying issues that continuously drain your productivity.
- More easily manage expensive raw materials with statistical process control (SPC) and analytics to reduce waste and giveaway.
- Minimize IT burden and wet environment risks with secure cloud technology and off-the-shelf automation hardware.



## Beverage 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



### Beverage Benchmark

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

#### Beverage Results

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

"We love how Redzone uses everyday social technology features such as 'chats' and 'alerts' for manufacturing purposes. Our teams love their iPads filled with real-time intelligence on how their lines are running and what actions should be done to correct issues as they happen. This immediacy is helping us maximize our capacity."

Bob McGee  
President, Straus Family Creamery