



PRODUCTIVITY NOW FOR

Beverages



Why QAD 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 Beverage 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 QAD Redzone Community



As Benchmarked

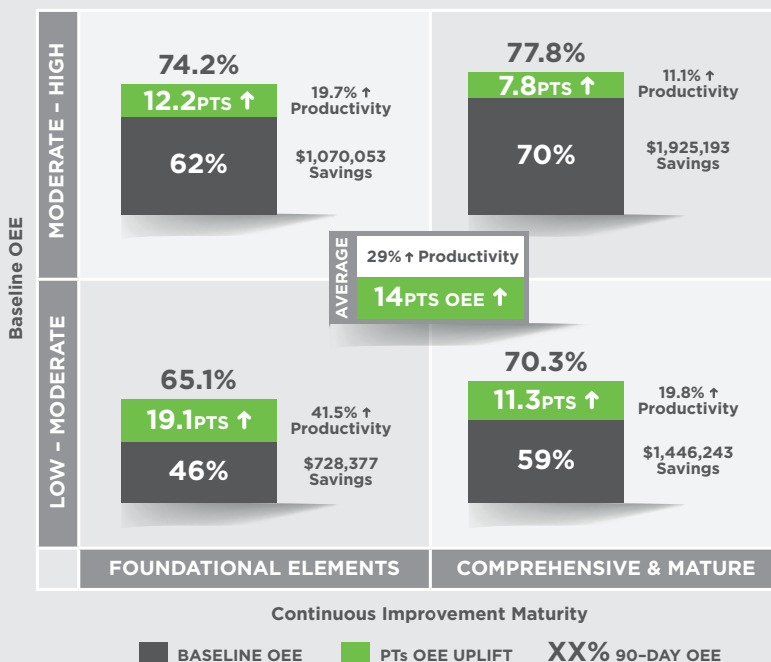
To assess the effectiveness of the QAD Redzone Connected Workforce Solution, a benchmark study is conducted against the QAD Redzone 90-Day productivity program every other year. The analysis compares baseline OEE to the resulting OEE uplift after 90 days and presents the resulting productivity improvement.

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

The average 14pt OEE uplift with an associated 29% 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 factories 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

New Starting OEE	50.2pts
90-Day OEE Uplift	13.8pts
90-Day Productivity Improvements	27.6%

“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