



PRODUCTIVITY NOW FOR

Consumer Packaged Goods



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 CPG Manufacturers:

- Increase competitiveness by significantly increasing productivity in just 90 days.
- Keep volumes high with improved equipment reliability driven by operator care across your facility.
- Dramatically shorten startup and changeover times for sophisticated lines with complex equipment.
- 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 by digitizing paper-based processes for real-time accuracy and quicker, more impactful audits.
- Minimize IT burden with secure cloud technology, easy to use analytics and off-the-shelf automation.



Consumer Packaged Goods Manufacturers in the Redzone Community



As Benchmarked

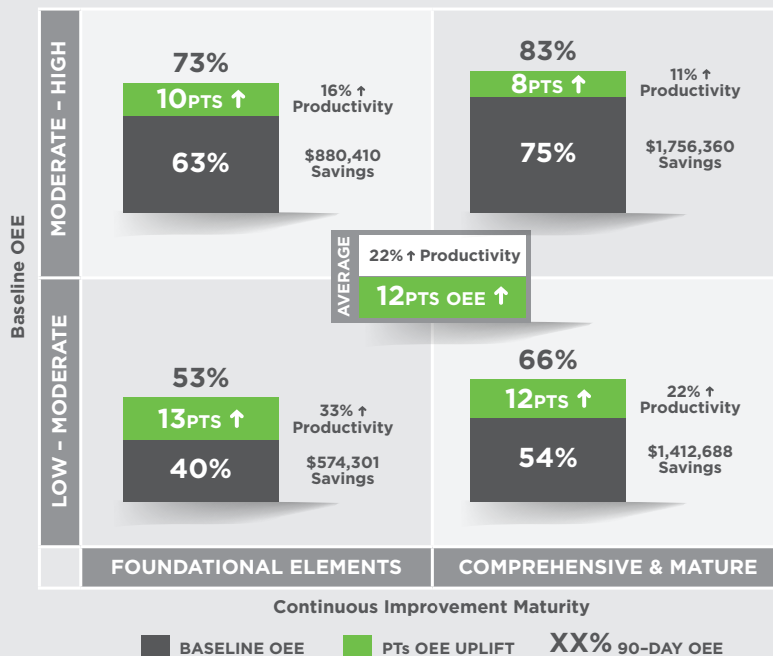
To assess the effectiveness of the Redzone Connected Workforce Solution, a benchmark study is conducted against the Redzone 90-Day productivity program every other year. The analysis compares baseline OEE to the resulting OEE uplift after 90 days and presents the resulting productivity improvement.

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



CPG Benchmark

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

CPG Results

Avg. OEE baseline	56.3%
90-Day OEE Uplift	10.4%
90-Day Productivity Improvements	18.5%

“We always knew there was opportunity in our plant, we just didn’t have the right systems in place to find it and act on it. Redzone has now given us that and we are witnessing huge improvements since we started this effort. Redzone is the future of manufacturing.”

Bob Jaegly
CEO, Mana Products