



## BALDWIN RICHARDSON FOODS GOES DIGITAL WITH IPADS ON THE SHOP FLOOR IN A WEEK

As part of their 'going digital' campaign Baldwin Richardson Foods has gone straight to the only mobile shop floor data intelligence and continuous improvement solution of its kind which was deployed on iPads in around a week.

### KEY PROJECT GOALS

- 5% efficiency improvement
- Support 'digital' shop floor initiative
- Address hidden and recurring downtime
- Improve cost base
- Encourage Maintenance mobility
- Empower the shop floor with information, skills & structure
- Instigate culture of Continuous Improvement across the entire workforce

Baldwin Richardson Foods Company is a privately held leading manufacturer of custom food ingredients for organizations spanning the entire food industry and based out of Oakbrook Terrace, IL. Serving Industrial, Food service, Retail, and Private Label market segments, Baldwin Richardson Foods formulation strengths focus on controlled water activity fillings, fudges, caramels and fruit preparations as well as beverage syrups and savory sauces. Baldwin Richardson Foods is a full service development partner with expertise in value-added product development for a wide variety of finished goods including shelf-stable, bake-stable and ambient products.

As part of a wider cost management initiative Baldwin Richardson Foods Company (BRF) has established a 'going digital' directive across the business to implement real-time reporting, eliminate paper and enhance efficiency. By reducing downtime, eliminating waste and creating volume and capacity windows, Redzone has allowed BRF to improve efficiencies while remaining a sustainable business partner.

After reviewing a number of costly and overly complex approaches, Baldwin Richardson Foods has turned to Redzone as their shop floor 'digital' partner. BRF recognized that long-term success would be dependent on a solution that engages the workforce on the journey to keep Quality and People First: the foundational values of BRF and that's what Redzone will help them accomplish.

Redzone is a continuous improvement system that merges online kaizen management and manufacturing data intelligence with action and alert capabilities designed to improve performance. The system is deployed on iPads and iPhones and it is live in one week.

The program, which includes 'coached-in' continuous improvement support, will help BRF increase engagement across their operations, embrace improvement ideas from their workforce and institutionalize new working practices. This is in addition to reducing downtime and taking one step closer to a 'paperless' environment.

Redzone has been deployed across their 2 facilities and they are targeting conservative 5% uplift in efficiency.

“From an engineering perspective, Redzone gave us a paradigm shift to think about, which was: do we really need or want a system to read PLC codes and capture every data point along the line? They challenged us to rely on their mobile Continuous Improvement technology to empower operators to move the improvement dials on the shop floor and we ultimately yielded the results we wanted from such a system. Redzone met with us and did a two-day on site survey that framed up the project scope and gave us a simulated demo of the system in our environment. Completing our due diligence at the customer Continuous Improvement Showcase validated the solution. I would strongly encourage other engineering leaders and departments to evaluate Redzone vs. traditional systems.”

John Cairns, Director of Engineering,  
Baldwin Richardson Foods Company

“At the start of 2014, we established a company wide goal of 'going digital' across the plants to remove as much paper from processes, reporting and collection as possible. We knew this would be a several year journey so we began with looking at where the most paper is used and it is at the line level for every shift. In the beginning, we researched several 'factory improvement' solutions on the market to automate data capture and provide real-time performance reporting. Redzone came late to the game and we assumed they were cut from the same cloth, but they weren't. We completed a full analysis, validated our due diligence with a customer visit, decided to implement and began using Redzone across our entire plant in less than 90 days.”

John Johnson, Production Shift Superintendent, Baldwin Richardson Foods Company

