

Non Alcoholic Beverages



Soft Drink Bottler Taps Savings

Challenge

New entrants, constant innovation by competitors and the rising threat of retail brands have made it harder than ever to prosper in the soft drink market. To maintain profitability and market share, operational improvements can't just be local—they have to happen all along the supply chain. One brand owner has found that the Proficy suite delivers local quality and efficiency advantages that translate to performance improvements on both the sourcing and distribution ends of the supply chain.

Solution Overview

When assessing the best way to sustain its position, our customer looked in the unlikeliest of places—its manufacturing operations. With demand management and supply chain systems well established, production was the remaining area where improved visibility could lead not only to increased local efficiencies, but also to a more synchronized supply chain.

Beyond visibility, the team knew it had to build a strong foundation of reliability and predictability, so it could safely use manufacturing performance as an indicator of delivery performance, instead of depending on inventory buffers and warehouse space. The Proficy suite provided solutions that helped uncover lost capacity and ensured efficient work practices accompanied capital upgrades to drive world class efficiencies.

Proficy iFIX now delivers lineside metrics and analysis that empower operators to manage and respond effectively to process upsets; Proficy Plant Applications enables deeper root-cause analytics that lead to asset or process re-engineering, and also enables deep capability analysis to support planning activities.

The new systems do more than offer insight into efficiency recovery—they deliver an accurate profile of the effective capability of operations for both throughput and quality. This information ensures that material delivery, production schedules and logistics plans all adapt to reflect realistic performance goals. And the planning team can now evaluate the impact of different capital expenditures—making investments with confidence in the improvements that will result.

Results

By empowering stakeholders across different functions with objective performance data, our customer has leveraged one suite to realize multiple goals:

- Overall Equipment Effectiveness rates ranging from 85%-95%
- Reduced inventory buffers on the distribution side of the business; streamlined flows of inbound materials
- Improved capital planning based on historical analysis of capability