

BOTTLING PRODUCTION

fulfilling complex demands at an accelerated pace

INDUSTRY PERSPECTIVE



Even in the face of global competition, consolidation, seasonal fluctuations, rapid shifts in consumer tastes, and regulatory changes, today's bottlers are expected to deliver more. Intense competition means that customers can make greater demands for speedy production at competitive prices. You don't have time to sort through massive amounts of data to extract the information that will enable you to increase production capacity without sacrificing quality.

That's why so many bottlers turn to Activplant. Our solutions are designed to help you achieve real-time operational visibility, optimize your assets, and facilitate continuous improvement.

Depend on Activplant software to help you

- achieve significant improvement in OEE
- maximize use of resources
- get real-time and trended feedback
- reduce waste
- pinpoint production incidents
- measure equipment performance
- identify true production constraints
- perform root cause analysis
- produce detailed reporting to satisfy regulatory requirements
- receive real-time notifications for changes in production levels via paging or plant-wide visual displays

"By making product quicker and better than we ever have before, we are freeing up time in our schedule to the tune of a half-million extra cases of extra production per year."

Continuous Improvement Manager
Beverage Bottler

ActivEssentials: A Solid Platform for Bottling Production

You need the right information to get to the right people – in real time – to succeed in today's competitive marketplace.

ActivEssentials from Activplant is built on Microsoft's proven technology, and includes five key components:

ActivEssentials Platform – A central system for single- or multi-server environments that includes data collection, Activplant's Universal Factory Data Model (UFDM) database, processing/communications, administrator interfaces for configuration and management, analytical views/tools, plus report management and storage.

Root Cause Assignment (RCA) – Incident response is greatly improved with this module that helps operators quickly analyze problems and take corrective actions. RCA includes a configurator for administrators, Root Cause View for day-to-day operational visibility, and a touch screen for reason code entry from the plant floor.

Real-Time Logic Engine (RTLE) – Designed to help you lower implementation and maintenance costs and achieve faster time to results, the OPC-compliant RTLE gathers data from multiple sources, aggregates it, and then processes it to provide meaningful, actionable information.

Insight for Excel – Harnesses the power and familiarity of Microsoft Excel to customize data, facilitate deeper analysis and increase the value of reports. Insight provides standard spreadsheet views, historical reports, and tables with ad hoc data that refreshes automatically as new information becomes available.

Integration Toolkit (ITK) – Links the ActivEssentials database to external systems and applications, such as

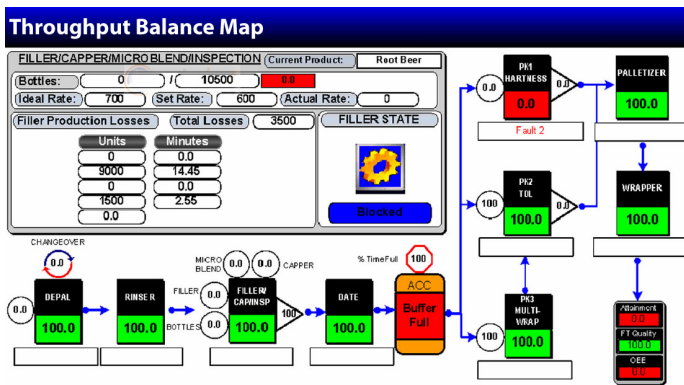
MES, ERP, reporting packages, dashboards and more. Integration is simple, thanks to included data drivers and adapters for common systems and languages, and ITK includes a development tool for easy query and data set design.

Capability Metric and OEE) and attainment and operations measurements (cycle times, downtime, speed losses, and more).

**Throughput Analyzer:
Providing Essential Data for Process Efficiency**

Throughput Analyzer is a pre-packaged ActivApplication that provides Key Performance Drivers and can produce superior results by providing increased visibility at every level of your organization.

Throughput Matters: Your operating costs are constant, whether your bottling operation is running at top efficiency -- or not. Therefore, every minute of production lost in a shift due to a true constraint creates a negative impact on profitability. And every minute gained is a true contribution to your bottom line.



You Can Depend on Activplant

Activplant designs, develops and delivers innovative products that make the promise of business intelligence a reality. Our mission is to provide the software solutions that bottlers need to collect data, analyze it, and enable a more efficient enterprise.

The Throughput Analyzer Balance Map shows performance in real time, so you can see production constraints at a glance.

Based on best practices and built for quick-deployment, it allows you to focus in on the most useful, decision-enabling data. Constraints are identified in order of magnitude, so time and energy spent on corrections yields significant improvements. Standard and proprietary calculations produce performance metrics (Throughput

ABOUT ACTIVPLANT

Activplant Corporation, the leading provider of Business Intelligence for manufacturing operations, is focused on providing innovative software solutions to high-volume, high-automation manufacturers. Since the company's founding in 1998, Activplant's award-winning Business Intelligence platform and applications have helped many world-class manufacturers gain insight into their operations through the consolidation of plant floor data into relevant real-time and historical intelligence. Using this intelligence, Activplant customers better understand and manage their operational performance by focusing on the key issues in their facilities which ultimately affect cost, quality, and supply chain demand requirements.



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