



# Aptean Factory MES

## Out-of-the-Box MES for Single- and Multi-Plant Process Manufacturers

Aptean Factory MES (Manufacturing Execution System) uses real-time, shop-floor data to give operators, supervisors, and executives actionable intelligence and real-time visibility into all aspects of production and quality compliance. Delivering real-time feedback on metrics such as plan attainment, process yield, and OEE (overall equipment effectiveness), Factory MES is available on-premise or in the cloud. It replaces non-value-added paper systems with user-friendly technology to drive continuous improvement and collaboration across your organization.

## Optimize your Manufacturing Operation with Real-Time Production & Quality Data

Factory MES is the solution that enables you to run your plant simpler, smarter, and more strategically. Unlike generic MES systems, Factory is a purpose-built, packaged application for process manufacturers in the food and beverage, consumer packaged goods, and pharmaceutical industries with out-of-the-box functionality including:

- **Factory MES Performance** – Immediately identify losses that impact performance, monitor crew performance, measure OEE, and optimize plan attainment to enable your teams to take action and make improvements in real-time.
- **Factory MES Quality** – Introduce true paperless quality that aligns to initiatives such as SQF, BRC and FSMA. Enable true paperless compliance and tracking of all quality checks from the goods – in area all the way to the packaging hall.
- **Factory MES Improve** – Provide complete transparency of improvement initiatives throughout the factory by using a structured problem solving approach aligned to root-cause analysis.
- **Factory MES Analytics** – Create reports and dashboards with ease through an intuitive business intelligence (BI) viewer to readily identify variability patterns, prioritize improvement initiatives, improve service levels, and reduce overtime and product costs.

### Benefits

- Identify manufacturing losses in real time
- Measure metrics such as plan attainment and OEE
- Determine causes of yield loss along your value stream – from batching all the way to packaging
- Replace production- and quality-based paperwork to reduce non-value added administration
- Track and improve changeovers, CIP, tank changes, and sanitation times and activities
- Monitor actual labor consumed at every line in your facility

## Key Features

- **Plan Attainment & OEE** – Take action and respond in real-time when losses occur to help you not only achieve, but exceed your plan attainment.
- **Labor Planning & Tracking** – Track and manage the actual deployment of labor throughout the factory by shift or line to better control labor costs.
- **Paperless Quality** – Track compliance and manage by exception in real-time with a full suite of SPC tools that give you true paperless quality on your shop floor.
- **End-to-End Yield Tracking** – Identify causes of yield loss from batching all the way to packaging to reduce manufacturing costs and improve overall plan attainment.
- **Collaboration** – Instant visibility into messages, tasks and notes through an open collaboration dashboard to track and resolve issues in real time.
- **Continuous Improvement** – Manage and promote improvement initiatives using root-cause analysis collaboration across all roles in the factory.
- **Automated QA Results** – Automatically collect QA test results from production line devices to reduce the admin burden as well as ensure accuracy and compliance to your Quality Management System.
- **Sanitation & Changeovers** – Track actual changeover times and sanitation times to minimize the impact of these on actual available run time.
- **CIP & Tank Changes** – Accurately measure CIP (clean in progress) times to minimize production disruption and leverage countdown clocks to track the impact of tank changes on your schedule attainment.

Aptean Factory MES can be implemented in as little as four weeks, enabling faster access to results and analysis that can positively impact your bottom line. For more information contact your account manager or email us at [info@aptean.com](mailto:info@aptean.com).



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