

Aptean MES
Objective Edition

Turn Your Food and Beverage Production Challenges into Opportunities with Aptean MES



Higher customer demands, strict regulations, rising raw material costs and pressure to produce faster are few of the many challenges that manufacturing companies are facing today. To remain competitive, your company must be able to meet the demands of today and be ready for the demands of tomorrow.

These challenges can be seen as a hidden opportunity to differentiate your business from the competition. By implementing Aptean MES *Objective Edition*, you will improve your plant's output while maximising the efficiency of your production line. With our MES solution you will gain visibility of your production processes from raw material to final assembly, allowing you to make the strategic process improvement decisions that will most impact profitability.

Benefits

- » Flexible deployment – on premise or cloud
- » Average ROI around 2.5 years
- » Standard interfaces to multiple ERPs
- » Standard API Platform
- » Vertical integrations across business systems for process control and automation
- » Record data automatically or manually in centralised database
- » Detailed reports and analyses



Efficiency and consistency throughout your production processes

Aptean MES *Objective Edition* can optimise your production processes in a wide number of ways from streamlining operator activities to tracking materials throughout your production processes to providing advance analytics to inform strategic decisions.

Aptean MES can help make work easier for your shop floor teams. Each operator is provided a unique login that is associated to their job and skill. As the operator performs their tasks, the MES will electronically issue them the right information at the right time. As tasks are completed, data is automatically or manually collected in real-time and stored in a central database, preventing any data silos or missing information. In addition, with our SPC alarms and reporting functions, you will have more visibility and control over your production processes. For example, if you notice a deviation in quality, you can update your operators' instructions to course correct.

With our MES solution you will have full visibility into your material flows and consumption from raw material through to finished product and all the steps in between. When integrated with Aptean WMS *Objective Edition* you will have complete visibility and control of your warehouse and operations from the moment raw materials arrive on your shipping dock to the moment when your finished products are shipped. In addition, with our energy management module, you will be able to accurately calculate costs associated with your energy usage.

With Aptean MES *Objective Edition*, you will gain access to a wide range of real-time data including product line performance, machine status, operator activities and many more. This gives you the ability establish performance benchmarks and track trends in production performance, allowing you and your team to improve the efficiency of your operations.

The missing link between the shop floor and the boardroom

Aptean MES *Objective Edition* shows its full potential when it is integrated with all levels of your automation and IT infrastructure. At a high level, our MES offers seamless vertical integration with business systems, as well as connect to lower-level systems and devices. Our software has standard interfaces for several ERP systems. In addition, our MES can also connect to shop floor level automation systems such as your SCADA, PLCs, machinery and industrial IoT devices via standard industrial protocols. By integrating your systems to Aptean MES, you will have access to detailed real-time data and reports to inform your teams on production status from the shopfloor through to the c-suite.

Key Benefits

- › **Integrations at All Levels** – From your ERP to SCADA to individual devices, Aptean MES *Objective Edition* can link your disparate systems to help you understand and control your production processes.
- › **Data Collection** – With our robust integration capabilities you will be able to collect a wealth of data to aid in analysis and improvement of your processes.
- › **Material Management** – Gain control with our material, giving you the ability to understand the input and outputs of your processes, WIP inventory, and enable genealogy & traceability.
- › **Quality Management** – Monitor you processes and enable Statistical Process Control (SPC) for your production. Digitise quality sheets, instructions, checklists, and standard operating procedures.
- › **Energy Management** – Accurately calculate your energy expenses with our energy management tools.



Are You Ready to Learn More?

Want to learn more about Aptean MES *Objective Edition*?

Contact Us at info@aptean.com or visit www.aptean.com.



About Aptean

Aptean is one of the world's leading providers of purpose-built, industry-specific software that helps manufacturers and distributors effectively run and grow their businesses. With both cloud and on-premise deployment options, Aptean's products, services and unmatched expertise help businesses of all sizes to be Ready for What's Next, Now®. Aptean is headquartered in Alpharetta, Georgia and has offices in North America, Europe and Asia-Pacific.

To learn more about Aptean and the markets we serve, visit www.aptean.com.