



# Aptean Activplant MES

## Robust MES for Full Plant Floor Visibility

For over two decades, Aptean Activplant MES has provided an industry-leading manufacturing execution system that can be tailored to the specific and unique needs of your manufacturing operation. Equipped with real-time insights, Universal Factory Data Model (UFDM) for historical data collection, and configurable reports and key performance indicators (KPIs), users can begin transforming and standardizing their manufacturing enterprise, and identifying throughput constraints.

## Turn Plant Data Into Actionable Intelligence

Activplant provides a set of world-class analytical tools for manufacturing companies to turn unstructured data into actionable business intelligence. It has an unmatched ability to capture the data underpinning interactions between machines and processes, freeing your organization from the burden of maintaining multiple, disconnected monitoring and data collection systems.

With Activplant's configurable platform that can be tailored to the specific and unique needs of your manufacturing operation, you can ensure you have the visibility and business intelligence needed to drive efficiency, quality, and productivity improvements. You also have the option to leverage our preconfigured solution to expedite deployment and ROI. Top-line functionality included as part of this suite consists of ActivEssentials, VPFlex, VPWeb, ActivViewer, and ActivEssentials Reporting.

### Benefits

- Easily identify process and practice constraints in your manufacturing processes so that process improvements can be implemented, monitored, and adjusted
- Ensure real-time plant floor visibility with a consistent and easy-to-understand view of all plant data in one convenient place
- Experience cost savings in the ongoing management, maintenance, and training of your operations
- Streamline equipment, product, and process data collection with easy-to-deploy and configurable visualizations and reports
- Eliminate the need for development and programming with user-friendly configurability to create or modify views and dashboards
- Increase throughput by 10-25%



### **ActivEssentials**

Collect automation level data from the plant floor and standardize data modeling to capture the interactions between the machines and processes on the line.



### **UFDM**

Standardize data collection including accumulators, events, incidents, identifiers, and states from across plants for greater visibility and operational understanding.



### **VPFlex**

Extend the Activplant experience with a mobile-enabled, next-generation plant floor visualization module with multi-instance and multi-site capabilities.



### **VPWeb**

Enhance operational visibility through highly-configurable end user views that provide real-time and historical plant floor data.



### **ActivViewer**

Support multiple plant-focused players, slideshows, monitors, and remote terminal sessions with dashboard views.



### **ActivEssentials Reporting**

Gain insight from reports that are pre-generated, cached, or dynamically generated in addition to integrations with Microsoft software.

## **Additional Capabilities**

- **Integration Toolkit (ITK)** – Retrieve and integrate contextualized ActivEssentials data with third-party applications including ERP, SCM or business intelligence to actively improve operational management.
- **ActivEssentials Administration** – Increase control over data collection with robust administration capabilities.
- **Throughput Analyzer** – Quickly build a historical performance record for every piece of equipment involved in an operation and calculate statistical averages to expose chronic constraints.
- **Reason Code Assignment** – Capture reason codes and text about incidents in real-time and supplement with automated downtime, fault, and stoppage data to determine root causes.

For more information contact your account manager or email us at [info@aptean.com](mailto:info@aptean.com).



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