



**Rockwell  
Automation**

# THE COMPLETE PACKAGE

**Manufacturing Execution System software  
solutions for consumer packaged goods**





# Addressing your issues

**Manufacturers of consumer packaged goods face a set of challenges unlikely to change in the near term.**

The Rockwell Automation Manufacturing Execution System (MES) suite of applications provides standardized workflows and standard application library suites for common functions within this sector to address your challenges and delivers cost-effective solutions.

To resolve external pressures ranging from rising energy and raw material costs and increasingly stringent legislation to internal pressures like the need to increase productivity while reducing costs, you need viable solutions to enhance performance, maintain competitiveness and drive your business forward.

## THE ROCKWELL AUTOMATION MES SUITE OF APPLICATIONS IS DESIGNED TO DO ALL THAT AND MORE, BY HELPING YOU TO:

### Achieve operational excellence

Optimize throughput and improve asset efficiency by leveraging fixed and variable manufacturing assets such as materials, machinery efficiency, manpower and energy spend. Increase yield while reducing losses and improving first-pass quality, without affecting on-time delivery.

### Improve supply chain effectiveness

By collecting production data in context, you can quickly and easily recognize deviations from performance targets to understand the root causes of operational issues — enabling you to reduce their impact and increase supply chain effectiveness. Ensure accurate inventory levels by controlling the scheduling and execution of plant assets and tracking material production and consumption.

### Comply with regulations and trading partner reporting requirements

Take control of your vendor compliance, product safety, genealogy and traceability with better reporting and documentation via our proven Manufacturing Operation Management (MOM) solution.

### Meet sustainability goals

Gain greater understanding of the effect of production on water, air, gas, electricity and steam use, so that you can gain control of resources, drive equipment improvements, and maximize your achievement of sustainability goals.

## CPGSuite and the connected enterprise

**CPGSuite® is a comprehensive information solution that functions as an essential component of The Connected Enterprise.**

The Connected Enterprise shares information among processes, facilities, business systems and suppliers to:

- Shorten time-to-market
- Lower Total Cost of Ownership
- Improve asset utilization
- Drive plant floor efficiencies
- Enhance enterprise risk management

Enabled by integrated control and information, The Connected Enterprise delivers transformational value in productivity and global competitiveness.



# FactoryTalk CPGSuite MES

FactoryTalk CPGSuite combines more than 100 years of proven Rockwell Automation CPG innovation, experience and global support in a composite application framework that leverages a Service Oriented Architecture (SOA).

CPGSuite provides scalable, value-based applications to help you achieve operational excellence, increase the effectiveness of your supply chain, adhere to regulatory compliance guidelines, and meet your sustainability goals.

Combine CPGSuite with library-based content to tailor a personalized solution that your workforce can quickly and easily adopt to optimize value realization.

## Proven results from customers using CPGSuite include:

- Reduced production costs
- Improved yields and reduced losses
- Improved first pass quality
- Reduced brand risk
- Supported corporate sustainability initiatives



**REDUCE**  
production costs



**IMPROVE**  
first-pass quality



**IMPROVE**  
yield and reduce losses





# FACTORYTALK® MES

A unique solution that integrates quality management and business analytics with paperless shop floor and repair execution. Discover techniques to improve quality, reduce the cost of regulatory compliance, and accelerate time to market.

## WHAT MAKES FACTORYTALK CPGSUITE THE MOST EFFECTIVE CHOICE?



Industry-specific workflows and user interfaces on the Rockwell Software MES solution



Modularity: invest in the capability needed to support today's key business problem



Out-of-the-box ERP integration



Premier integration leverages existing Rockwell Automation investment

# Case studies



## 1 INFORMATION IMPROVES YIELD

A leading producer of dairy knew there were opportunities for efficiency improvements in their process.

### CHALLENGE

Lack of insight into root causes of batch loss

Limited ability to mine production data and make timely decisions

No standard for control system-to-SAP interfaces, reconciliation or error handling, made SAP costly and unreliable

Production data from 65 facilities was not available to key decision makers

### SOLUTION

FactoryTalk VantagePoint provides insight into operational performance in easy-to-read, role-based dashboards

Provides context into data gathered from Historian SE, SQL servers and Microsoft SharePoint

Rockwell Automation PartnerNetwork Solution

### RESULTS

Reduced line-stop occurrences by more than 50 percent

Reduced failure-resolution time

Shortened transaction completion speeds from 25 to 2 minutes

Helped increase production volume

Reduced manual SAP administrative expenses

Moved workforce from "fix-it" mentality to "observe and prevent"

SEE MORE CASE STUDIES



## 2 A Day in the Life of an Order with CPGSuite

See how CPGSuite streamlines your operations through "a day in the life of a process order".

[WATCH THE VIDEO >](#)

## 3 Accelerate Your Supply Chain with CPGSuite

Tracking inventory in real-time with CPGSuite enables you to streamline your manufacturing supply chain.

[WATCH THE VIDEO >](#)

# CPGSuite in action

CLICK HERE  
TO BUY:



## PERFORMANCE MANAGEMENT

**Immediate communication of critical information and alerts, improved visibility into plant performance, mobile reporting capabilities.**

- How quickly can managers and line supervisors aggregate production data into reports?
  - How and where do they view this data?
- What KPIs are most important to your operation?
  - Do you track OEE, MTBF, MTTR and downtime?
  - Do you think your supervisors would benefit from having access to production metrics on mobile devices?
- How do operators and supervisors receive alarm and event notifications?
- Do you have the ability to detect root causes that lead to poor timeliness and quality of data?

## QUALITY MANAGEMENT

**Reduced cost of compliance, historical log of critical events and test results, pre-built Quality Reports and Dashboards.**

- What is the most common quality issue or setback in your facility?
  - How much waste or scrap is generated as a result of this problem?
- How do you track/log critical events and/or quality inspections throughout the manufacturing process (paper or digital)?
  - How many of your inspections require manual input from the operator at the workstation?
  - How are users alerted to complete quality inspections and checkpoints?
  - How is an operator notified that a specific test result is out of the acceptable range?
- Do you have the ability to dynamically modify the testing regimen and tolerance range based on test results?

## PRODUCTION MANAGEMENT

**Real-time visibility into production status and shop floor inventory, supports Lean Manufacturing and Six Sigma initiatives.**

- How do supervisors manage master recipes/routes and how are these enforced on the production floor?
  - How many different recipes/ ingredients do you use in your facility?
  - Can you verify that operators are correctly kitting ingredients and adding the appropriate quantities to the batch?
  - What happens if a batch deviates from the recipe? How is rework managed and recorded?
- How do supervisors manage process parameters and track set points for the recipe?
  - Do you record the specific attributes, set points and limits associated with making a specific batch or unit?
- Do you have the ability to link a batch or unit to the equipment used in its production?
- Forward/backward genealogy capabilities? Can you track which operators made what products?

## MATERIAL MANAGEMENT

**Improve supply chain effectiveness, reduce excessive inventory, support Lean Manufacturing initiatives.**

- Do you have an inventory or warehouse management system that tracks bulk receiving of raw materials?
  - Does this system communicate with your ERP?
- How do you record material consumption and track/update inventory status during production?
- Do you have the visibility to track Work in Process (WIP) orders at the carrier or container level?
- How do you label WIP goods and finished products?



# Working together with Rockwell Automation

Make more of your Connected Enterprise by connecting with Rockwell Automation and our partners.

- Get answers to your questions on sales, products, services and technical support. [Find out more >](#)
- Access help to design, build and maintain your system solution through the Rockwell Automation PartnerNetwork™ of leading distributors, system integrators and others. [Find out more >](#)

Connect with us.    

[rockwellautomation.com](http://rockwellautomation.com)

expanding **human possibility**™

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