

# Consumer Goods Batch Automation Solution

*Powered by PlantPax<sup>®</sup> with FactoryTalk<sup>®</sup> Batch*

# Introduction

The liquid consumer goods segment is a high-volume production environment that requires flexible and robust batch automation. With our decades of experience delivering batch automation solutions for the consumer packaged goods industry, Rockwell Automation can be your partner to find the right fix for your specific needs with our batch automation solutions.

The batch automation solution is based on the ISA-S88 standard for flexible recipe-based batch execution.

At Rockwell Automation, we help provide solutions to the unique challenges you face to deliver the business outcomes you want.

## SPEED



- Time to market
- Rapid ROI realization
- Activities related to changeovers, maintenance, training, and compliance

## COST



- Optimize operations to reduce total cost of ownership
- Minimize costs related to downtime, safety, maintenance, scrap, and waste

## RISK



- Unplanned downtime events
- Quality issues
- Cybersecurity events
- Safety and environmental issues

It includes pre-engineered batch control functions for controlling mixing and transfer operations, including material dosing, recirculation, jacketed vessel temperature control and product transfer coordination between the pre-mixer and mixer, and from mixer to final storage tanks.

The solution can be extended to handle continuous mixing operations, for facilities where bulk base product is transferred to inline mixers for final ingredient dosing at high speed.

Ability to manage automatic and manual recipe phases (“steps”), recipe version control and electronic signature recording.

Built on the open and modern PlantPax® with FactoryTalk® Batch, it enables asset ownership across your lifecycle. Final system acceptance can transition into lifecycle support, with PlantPax system support contracts available from Rockwell Automation.

# Achieve Better Outcomes

We show you how to leverage data and analytics to deliver better insights throughout your operations lifecycle.



## ACCELERATE BUSINESS GROWTH

Innovation helps you work faster, smarter and with greater agility at every lifecycle stage.



## ACHIEVE WORKFORCE EXCELLENCE

Securely connect people, processes and technologies.



## IMPROVE PRODUCTIVITY

Continuously improve performance and production through data-driven decision making.



## MANAGE RISK

Meet regulatory compliance and quality standards while protecting people and processes.

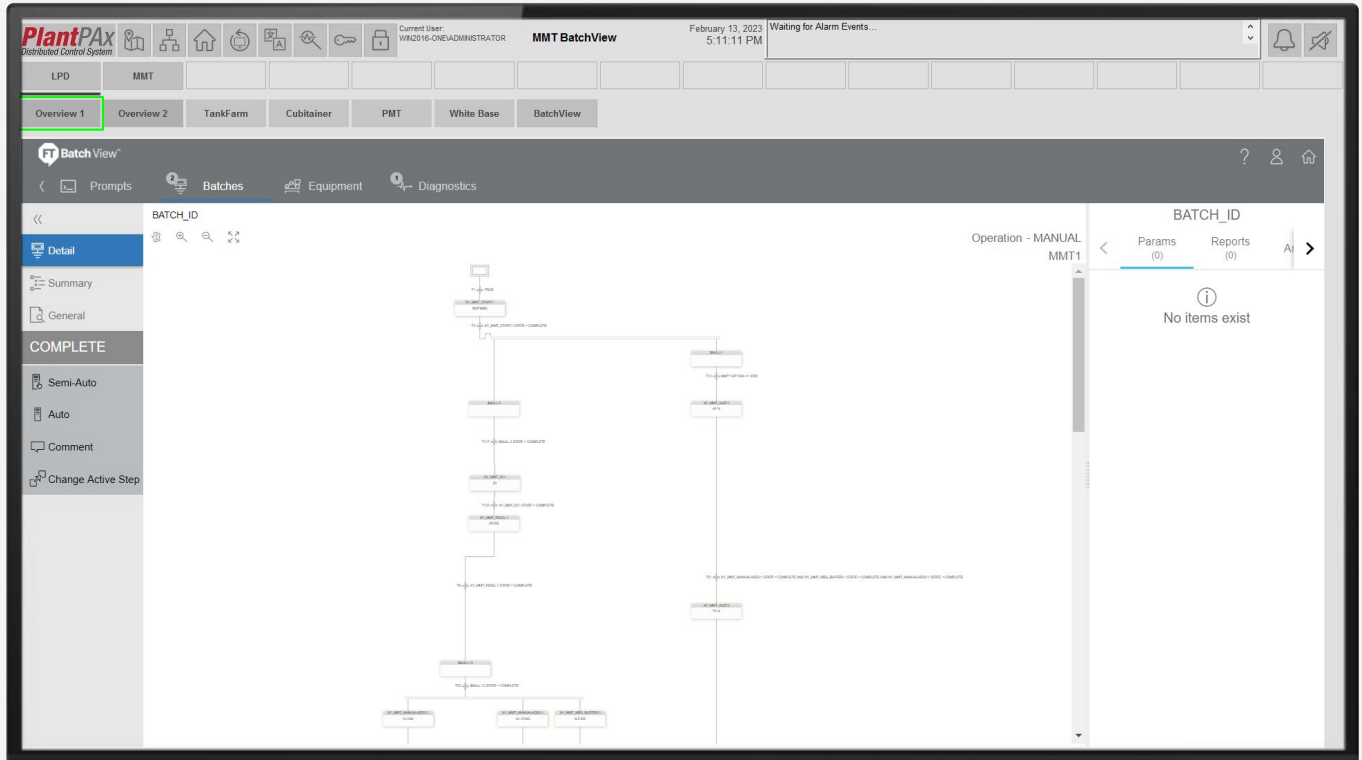
Benefits of Partnering with Us	Accelerate Business Growth	Achieve Workforce Excellence	Improve Productivity	Manage Risk
Full package inclusive of hardware, software, engineering and cabinet manufacturing.			✓	
Flexible batch and recipe control for production of consumer goods such as body wash, shampoo, lotion and detergent.	✓		✓	
Robust, pretested and proven solution based on ISA-S88 standard.	✓		✓	
High situational awareness with ISA-101 standard for HMI.	✓		✓	
Flexible recipe management with built-in recipe auditing.		✓	✓	
Built-in reports and batch records.	✓		✓	
Scalable from single batch unit to multiple batch units.	✓	✓	✓	
Built-in real-time and historical trends.	✓		✓	
Flexible delivery model and lifecycle support with lower cost of ownership.	✓		✓	
Secure OT network.				✓
Maximize asset performance.		✓	✓	✓
Optimize inventory cost with Inventory/Repair+ services.		✓	✓	✓



# User Interface Features

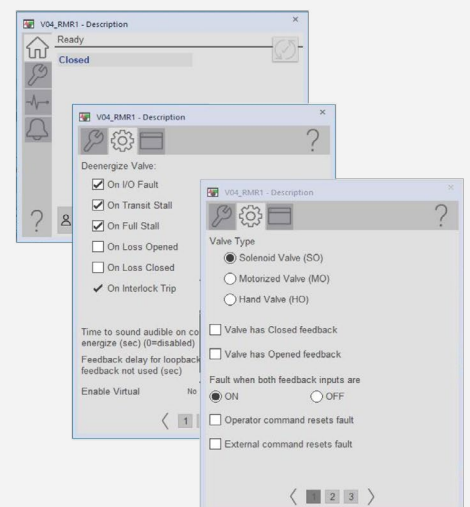
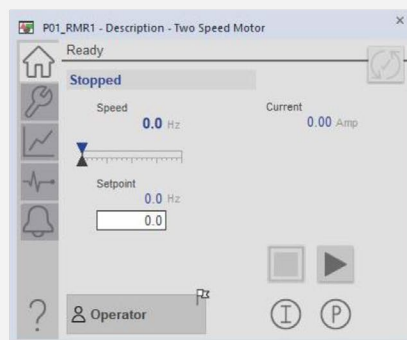
## Improved Modern Runtime User Interface for Batch Control

These modern controls are built on top of the FactoryTalk® Batch View™ web server.



## Modernized Library of Process Objects

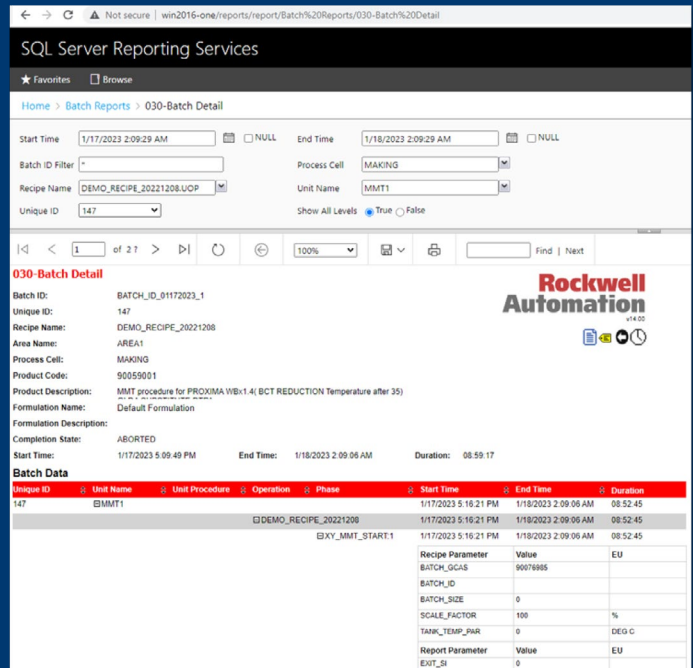
The process objects library is used for low-level functions, such as motors, instruments and valves. Feature-rich faceplates allow for full monitoring, control, trends, alarms and diagnostics.



# User Interface Features

## Batch Reports

The solution includes pre-developed batch reports that are based on SQL server reporting services (SSRS). Options are available for custom batch reports specific to customer requirements.



## Optional Add-ons

Options to enhance the batch automation solution include the following:

- ▶ Campaign batching/management
- ▶ MES interfacing for recipe formulation downloads and material consumption uploads

Are you ready to take your batch automation solution for your consumer good plant to the next level? Partner with Rockwell Automation to assess your current state of operations and identify what can be improved. Reach out to your regional Rockwell Automation representative for more details.

Connect with us.

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