

CASE STUDY

Batch Automation

For Consumer Goods and Plants
Based on PlantPAX & FT-Batch



732-922-6611

info@inflexionpoint.ai

www.inflexionpoint.ai

PROJECT STARTING POINT

A large consumer goods manufacturing facility needed the rapid deployment of a batch automation system to accommodate an influx of 20+ new product lines within one year. Their legacy solution was functional but lacked the power of Rockwell Automation's PlantPAX® DCS and FactoryTalk® Batch software. This project offered the perfect opportunity to utilize the powerful control integration of PlantPAX® objects and FT-Batch®. The company collaborated with InflexionPoint and a platform based on PlantPAX® and FTBatch® was selected based on its ability to support an aggressive timeline by leveraging standard modules as well as the tight integration between the control and batch environments.

SOLUTION DETAILS

Applying the S88 model with FT-Batch® significantly reduced the batch configuration effort and allowed Inflexion Point to implement, commission, and validate this system much more rapidly. While transitioning to FactoryTalk®, a major goal was to ensure that functional gains and learnings were retained from previous investments and implementations. The legacy batch platform was migrated to PlantPAX® to create a fully functional platform for developing and qualifying recipe and production processes in the accelerated time frame.

A NEW FLEXIBLE PLATFORM

Inflexion Point leveraged the S88 standard and approach combined with the toolsets of PlantPAX® and FT-Batch® to deliver a validated system in under (4) months. PlantPAX® integrated modules and faceplates provide the out-of-the-box experience for accelerated design and reduced risk with a fully integrated system from control to information. The system can accommodate new products and recipes without redevelopment and significant testing.

