

Workflow Manager with Batch Control  
Module for Freelance controller  
Versatile and flexible for  
batch production



# An efficient solution for batch production

You have an ABB control system and would like to optimize your batch-oriented production process, increase productivity and require a high degree of flexibility for use of the plant.

In this case, the Workflow Manager with the Batch Control Module is the professional and reliable solution.

## Why opt for the Workflow Manager?

The Workflow Manager coordinates and monitors production by integrating all the systems involved in the production.

- Links the automation level to the business systems.
- Connects the production process to the finished product, from planning to materials management and automation.

## Workflow Manager with the Batch Control Module

The Batch Control Module was developed for recipe control and management in the Workflow Manager. It works independently of the operator level and can be used for various controllers.

The Batch Control Module for Freelance controller is currently available. Other controller connections are in preparation.

## Workflow Manager – your advantages

- Electronic information flow from the sales department or warehouse to the production and back
- “Just-in-time production” is supported
- Plant utilization conflicts are avoided
- Optimized unit workload results in shorter plant downtimes
- Production costs are immediately available
- Continuously updated inventory
- Extensive reporting
- Tracking and tracing of batch production over many years
- Direct comparison of historical and current batches
- Platform for project-specific applications

## Workflow Manager is ready for the future

The Workflow Manager can be adapted to the task in hand and has been prepared for the requirements of tomorrow through its scalable size, from small to very large, and its modular structure. Coupling modules and functional capabilities which the user may not need until some time in the future are already available. The WFM is certified for connection to all standard MES systems, or to LIMS or PIMS.

- Connection to SAP
- FDA, 21 CFR Part 11, compliant reports
- Dynamic job management
- Unit assignment display and planning
- Golden batch comparison, both by means of trends and batch values
- MES connection
- Route planning
- ....



# Batch processing for Freelance

## Take advantage of the new functional capabilities

The Batch Control Module for Freelance is suitable for a variety of applications and is characterized by an excellent price/performance ratio. It meets all the requirements for reliable batch processing.

- Coupling to Freelance controller AC 800F
- From Freelance software version 9.1

### Functional capabilities in overview

- Batch operation integrated in DigiVis
- Standard batch report, can be extended to FDA-compliant batch document
- Unit management module with message management
- Automatic reading of report values from the controller
- TOC (Transfer of Control) and phase termination functionality at batch level
- Simple equipment engineering
- Versioning of the recipe levels
- Instantiation of the recipe levels
- Unit management and planning through bar graph display of the unit assignment
- Simple licensing

### New function blocks

The batch control module controls the FPX automation modules in the Freelance controller. Two new function blocks for the automatic acquisition of report values and unit management have been specially developed for Freelance.

### Convenient operation

The batch display and batch operation have been integrated in the DigiVis operator interface. This means that only one monitor is required for operation.

### Unit management module

The unit management module includes message management functionality for the application of up to five operator messages per unit at the same time, with default message text and value input as well as event display in the DigiVis alarm line.

The current unit-related batch information such as the batch ID is therefore directly available for further processing in the controller.

### Simple licensing

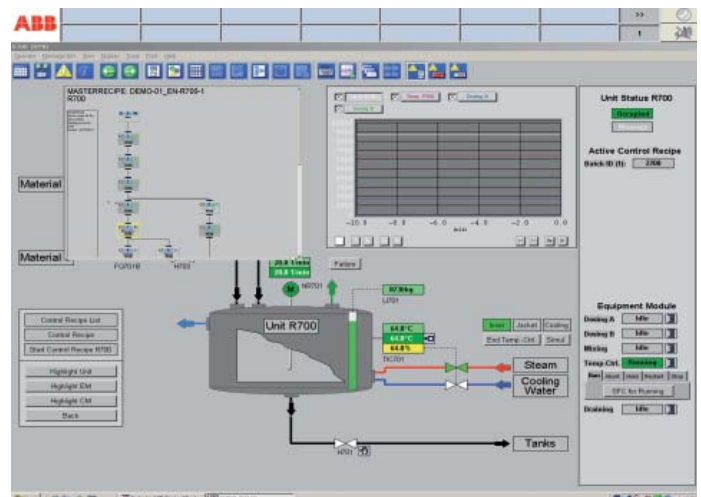
Licensing is based on the number of FPX modules and the number of batch operator terminals in the Freelance system.

### Simple equipment engineering

The equipment engineering is very user-friendly through the use of Excel lists and automated functions for generation of the phases and coupling information.

### Contact us for further information!

Individual functional product enhancements and application solutions tailored to your installations are our forte.



# Contact us

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