

# Plant iT + brewmaxx V9.90

## The new update of the system family V9

With V9.90, ProLeiT launches its latest update for Plant iT & brewmaxx. Find out which advantages and technical innovations are associated with it.

- Modicon M580: new automation classes and extended functions
- Frequency Converter: expansion of existing automation classes
- Plant iT with EcoStruxure Automation Expert (EAE) / dPAC
- New user interface in the Process Editor
- Automation classes for Structured Text Library
- New functionalities for Plant iT BOS
- Telegram-based communication
- New user interface for Batch Tracker\*
- General improvements

\* coming soon

## Benefits



High degree of standardization across different control platforms with only one user interface



Intuitive operation and faster engineering to reduce time and costs



Highly efficient and sustainable operation by avoiding deadlock situations and material losses



Modern and open connectivity for a flexible and modular plant



IT-driven & open process control for easy connection of different machines and controls



Up-to-date software with the latest cybersecurity standards and continuous updates

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**ProLeiT**  
by **Schneider Electric**

# In detail:

- Modicon M580 : new automation classes and extended functions
  - Improved connection of the Schneider Motor Management System Tesys T to the process control system for early detection of error situations and avoidance of motor-related process failures
  - Simplified project planning for dosing of solids and liquids
- Frequency Converter: Expansion of existing automation classes
  - For Altivar Drives and Sinamics, additional parameters are available with class C87 FCN, which can be adjusted directly in Operation Manager
  - Simplified engineering and user-friendly operation
- Plant iT with EcoStruxure Automation Expert (EAE) / dPAC
  - Software-based distributed control for modular automation
  - IT oriented and open process control for easy connection of different machines and controls
- Plant Liqu iT: New user interface in the Process Editor
  - Visual and technical renewal of the graphical representation according to current usability requirements
  - New functionalities for more efficient processing of the recipe flow
  - Context-sensitive information on the selected element and flexible window arrangement
- Plant Liqu iT / Plant Direct iT: New automation classes for Siemens controllers S7-1511 to S7-1515 (Structured Text Library)
  - Contains all important Plant Liqu iT functionalities for the project planning of step chains
  - Extension of the functional scope for Plant Direct iT by new automation classes to simplify the programming effort
- Plant iT Batch Orchestration System (BOS)
  - Enhancements in the control recipe generator enable automatic source/destination selection for variable transfer
  - New connection type OPC-UA Implicit can be used for simple standard operations for sequence controls (equipment and recipe parameters)
  - Any integration of controllers that are OCP UA capable
  - Easier integration of small units independent of the used controller
  - New for Rockwell controller

## What is Plant iT BOS?

- Innovative batch management with proven scope of services including order processing, recipe management, parts lists, material management and batch tracking
- Batch processes on the server side
- Enables realization of process flows via different control platforms and server applications
- With BOS, process sequences can be modified during operation and different modules of a production plant can be orchestrated
- Standardization across different control platforms with uniform user interface

- Rockwell control: Telegram-based communication
  - Increased efficiency in operation and engineering
- Plant Integrate iT\*: New user interface for the batch tracker
  - Simpler and user-friendly operation
  - Improved navigation and search function
  - Extended display and analyses of different batches possible
- General improvements
  - Highest security with latest MS SQL 2022
  - Easier storage and archiving of transaction data (log data, process values)
  - Improved export interface for Plant iT
  - New uniform message component also available for Plant Integrate iT Batch Cockpit
  - Improved communication and user management in the web application

\* coming soon





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