PulP and Paper

PPLib800xA recent releases
Access the latest features through your Automation Software Maintenance subscription

ABB’s PPLib800xA Automation Software Maintenance (ASM) program helps keep process control software up-to-date while providing a flexible path forward to new software technology. The PPLib800xA ASM program offers multiple levels of support and unlocks access to powerful support tools.

Incremental updates to enhance your system
ABB’s Pulp and Paper Control Library (PPLib800xA) is a complete and comprehensive library for building industrial process control applications. With an Automation Software Maintenance subscription, mills can further improve their operations by leveraging the latest features available and the addition of new features to library/enhancements (only available on v6.0 or higher).

You can choose to move incrementally or jump to the latest version without installing the previous releases. Here are some highlights of recent feature from each release that subscribers could access, including the major changes, improvements, and benefits of each:

- 6.2
  - High-Performance graphic elements make it easier for the user to distinguish any abnormal situation in the process display

- 6.2.1
  - High-Performance faceplate improves operator efficiency by conveying primary information with fewer clicks needed to obtain additional and relevant information
  - New High-Performance object display – gives an extensive overview, a consolidation of the configuration and interlock of the object in a single display, allowing for easy access with fewer clicks.
  - New theme support for High-Performance graphic elements – to meet the users customization requirements and site preferences, several color themes are supported
  - New ObjectStatus parameter – this is a composite variable to be used for building application logic, making it more organized and structured
- **6.2.2 (March 2021)**
  - New SeqType for Seq01 – this enhanced functionality includes several types of applications such as sequence, start-stop, or start-sequence-stop
  - Improvements to soot blower library objects
  - New tank High-Performance graphic elements
  - UMC100 supports profinet – Improved functionality of the UMC100 function block, now supports profinet configuration and the hardware connection delivering easier integration

- **6.2.3 (January 2022)**
  - New function blocks added – Addition of a new FunctionFirst block can be used for troubleshooting application logic by catching the first abnormal signal. A new FunctionLogic block can be used to build simple application logic with graphics automatically generated. The new SEQ02 function block improves process diagnostics, making it easy to troubleshoot process issues.
  - UMC100 support PNU32 for profinet – Improved functionality that now supports profinet configuration
  - Support 3 pairs of MV Alarm – Now MV Alarm limits are expanded to support LLL, LL, L, H, HH, HHH alarm limits
  - New stop analysis in motors – Motor objects support stop analysis to identify the relevant input signal status when the motor is tripped

- **6.2.4 (2023)**
  - PP High Performance Graphics Library helps to simplify and adapt the graphics and customizations, improving operator usability with new display levels, tab navigation and embedded video
  - PPSupport tool provides support to efficiently updated PPLib800xA with 800xA system version – reads and writes parameters to and from the system, and compares values
  - Optimized functions
  - Expanded High-Performance human-machine interface (HMI) customization