



## **Curtiss-Wright Product Announcement**

# **FAMOS Version 26 (V26) Release**

**December 2022**

Curtiss-Wright is excited to announce the release of the newest version of FAMOS software. This release has incorporated many new features and enhancements, incorporating valued feedback from our client end users. The release has been designed to make our completely integrated performance and condition monitoring solution even easier to use and includes time-saving tools that no FAMOS user should go without.

In addition, V26 builds on the solid FAMOS foundation and includes updates for graphics, calculations, data manipulation (sorting, filtering, and comparing), trending, navigation, and setup. Many of the tools have been optimized for rendering speed, reduced CPU usage, and quick access to data necessary for diagnostics.

## **V26 Enhancement Summary**

Outlined below is a summary of several of the major features of V26. The combination of the new features, optimizations, and bug fixes makes the V26 release a significant upgrade from previous FAMOS versions. Curtiss-Wright strives to incorporate functionality recommended by FAMOS users, which delivers a business case for investing into the V26 upgrade.

### **FAMOS Server and Architect Enhancements**

- Modified the move program to add error checking.
- Combined left and bottom toolbar in Builder.
- Added multi-select to Import and Export displays in Builder.
- Added grid color, grid line thickness, and grid alpha properties to X-Y Plot in Builder.
- Added an option for the display import in Builder to exclude the server update.
- Added an option to Rules to process consolidated rules. Everything Rule related is now in the master Mongo database.
- Modified Viewer services to support more critical archives on the System Health display.

### **FAMOS Server and Architect Bug Fixes**

- Fixed problem with px\_menu\_mmii.exe crashing when selecting sequences or PMAX/PEPSE modules on the calculations menu display in the thick client.
- Modified pepcalc.exe to allow use of one PEPSE R/T model for both production and what-if calculations without causing a sharing violation. The model is copied to a temp file in \rtimhome\tmp with a unique name based on the model identifier and cycle

number. The job, out, and res files are also given unique names so that the production and what-if calculations don't step on each other if run at the same time.

- Fixed IVM replaced quality in the listlsb program.
- Fixed a bug in the PMAX/PEPSE module where, in some instances, the results file would not be processed correctly when multiple cycles were using the same PEPSE model.
- Fixed a bug in a PdP error handling function that would cause some PdP modules to quit processing.
- Fixed engineering units conversion for temperature for some gas properties functions in the c-point equation solver.
- Fixed a bug in the Architect equation solver.
- Fixed an issue in DisplayController in IssueTracker when Health Index is loading when authorization type is either NTLM or Kerberos.
- Fixed the Export Grid function in IssueTracker to support larger export files.
- Fixed tooltips for entities to show the point value when the value is exactly zero.
- Fixed display of the Pmax Utilities toolbar administration buttons.
- Fixed IVM replaced quality in the bad point status method.
- Modified trends and X-Y plots to eliminate need for PHP for downloading data as an Excel spreadsheet.
- Fixed an issue in IssueTracker with populating the "Other Sensors" combo boxes on the Edit Issue screen.
- Fixed an issue in the APM portion of the IssueTracker services and removed debugging output.
- Corrected the sort order of displays in the Select Display dialog in Builder.
- Modified names of the display notes (created by the TextInput entity) that are saved in the display database.

FAMOS V26 improves the usability of PMAX, PdP, and Rules Engine, allowing users to detect performance problems and equipment degradation and greatly improve troubleshooting and diagnostics in resolving the issues. The FAMOS upgrade includes the V26 software and provides users with access to Curtiss-Wright's technical staff for FAMOS technical support. **One year of unlimited technical support is included with the V26 software upgrade.**

As we move ahead in making the FAMOS suite the industry benchmark for asset management technology, we encourage you to provide feedback to drive enhancements and innovations.

We look forward to working with you in the implementation of the FAMOS V26 upgrade and in demonstrating the value of the FAMOS technology. The business case is verifiable to improve performance and reliability while reducing operating and maintenance costs.

To upgrade to the latest FAMOS version or to receive more information, contact Josh Bartlett. Also visit our website at [www.cw-connect.com](http://www.cw-connect.com).

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