

NWA Focus EMI®

Version 1.2 Overview, April 2015

NWA Focus EMI® Version 1.2 represents a significant upgrade from Version 1.1, including several new features plus improvements to existing functions. This update was a collaborative effort with existing NWA Focus EMI customers who have been implementing at an unprecedented rate, achieving extraordinary results and ROI; and winning industry awards! The update improves performance, adds to the information available for display, and increases design dashboard flexibility to match even more closely to the visualization and interaction needs of each user and role. The primary new features and improvements are listed below, followed by a more detailed description.

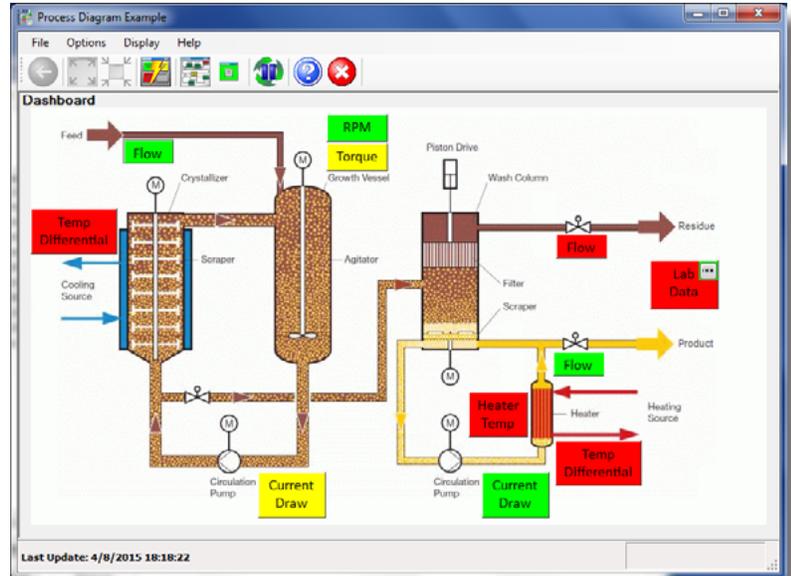
*Note that some NWA Focus EMI customers have received recent maintenance releases of Version 1.1 that include some of these changes and new features.

NEW FEATURES INCLUDE:

- New Layout Display Mode
- Launching Electronic Documents & Support Applications
- Nested Dashboard
- Data Brushing
- High-Density Indicator Array

NEW LAYOUT DISPLAY MODE

The new Layout Display Mode allows dashboard indicators to be superimposed over graphic images such as process diagrams, maps or decision trees to provide additional visual options for dashboard designs.

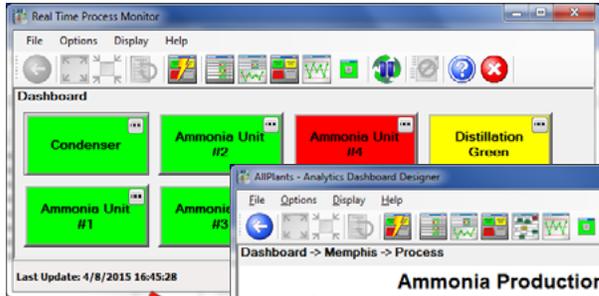


LAUNCHING ELECTRONIC DOCUMENTS & SUPPORT APPLICATIONS

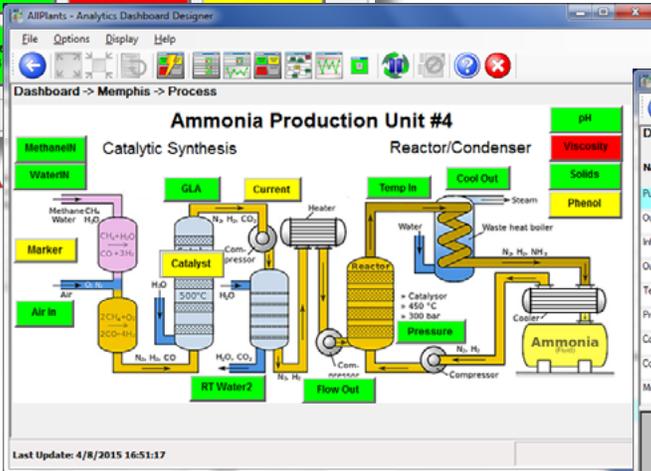
Dashboard users can now launch electronic documents, web pages, and outside applications to provide a richer information environment that can include SOP and OCAP documents, troubleshooting guides, and diagnostic programs.

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NESTED DASHBOARDS INCLUDES ALL DISPLAY MODES



Nested dashboard designs can now include a mix of List, Array, and Layout formats, allowing visual presentation to match the user's information display and workflow needs.



List Indicators for - Heat Exchanger

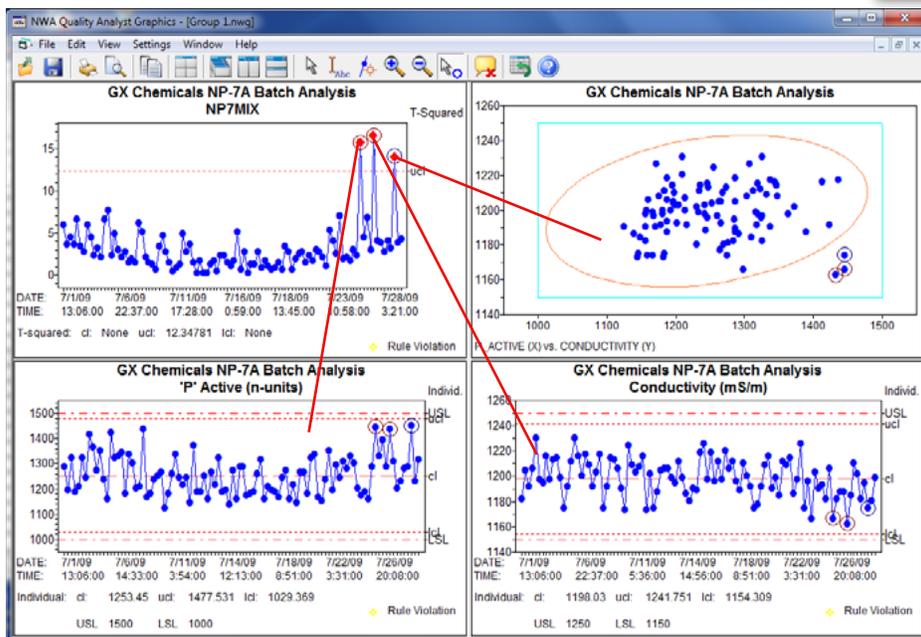
Dashboard -> Process (Historian) -> Heat Exchanger

Name	Last Update	Last Value	Specs	Alarms	Rule	Functions
Pump Current Draw	3/25/2015 18:14:39	1156				Chat Alarms
Output Flow	3/25/2015 18:14:39	634				Chat Alarms
Inflow Temperature	3/25/2015 18:14:39	227.3				Chat Alarms
Outflow Temperature	3/25/2015 18:14:39	98.5				Chat Alarms
Temperature Differential	3/25/2015 18:15:30	128.8				Chat Alarms
Pressure Drop	3/25/2015 18:15:30	27				Chat Alarms
Coolant Input Temp	3/25/2015 18:14:39					Chat Alarms
Coolant Output Temp	3/25/2015 18:14:39					Chat Alarms
Multivariate Model SPC	5/24/2013 14:20:04	4.4546454				Chat Alarms

Heat Exchanger Process Tags

Pump Current Draw

Individual: d: 1196.633 ucl: 1239.127 lcl: 1154.14



DATA BRUSHING

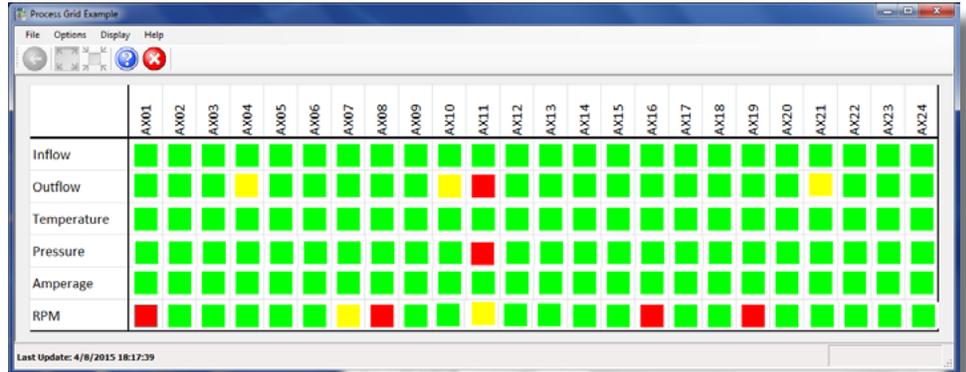
Data brushing is now available in the Graphics Viewer.

Data brushing and Zoom functions allow users to gain further insight from charts and other graphical displays.

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HIGH-DENSITY INDICATOR ARRAY

The new layout capability can be combined with smaller alarm indicators to create dense indicator arrays configured to show the status of all important key process, performance and quality indicators on a single display. Dashboards can now include row and column labels and indicators configured without text, allowing creation of compact indicator arrays.



OTHER NOTABLE IMPROVEMENTS

User controls in Focus Dashboards can now be enabled or disabled to match specific user roles, restricting the designs to specified display formats, sizes, and user actions.

The Window "state" (normal or maximized) is now saved in the analytics dashboard design. Dashboard designs now support Windows "medium" (125%) and "larger" (150%) display settings.

One-click "tool tips" have been expanded to include more information and are more widely available, improving drill-down and AC/CA visibility.

Dashboard users can now be allowed to suspend Notification Services (Email, text messages) for predefined periods after an initial alarm notification has been sent to allow issues to be resolved before sending additional notifications.

Color options and rules for composite indicators (representing multiple variables, tags, indices, or nested Dashboards) have been expanded to reflect more alarm states.

Use of "nested" dashboards has been improved with the display of "breadcrumbs" identifying the path the user has taken, and more intuitive icons that simplify navigation.

Command buttons for charting, alarm lists, and expanding group indicators have been moved from the right side of their displays to the toolbar to increase the room available for displaying charts and lists.

Analytics and notification processing and dashboard communications efficiency has been significantly improved for better performance on busy networks and servers, and large-scale implementations with high-frequency update rates.

Charts may now be displayed for all analytics results during Dashboard design to help identify and understand the nature of the available variables, tags, and indices.

For more information, call 888.NWA.SOFT or visit us at Nwasoft.com