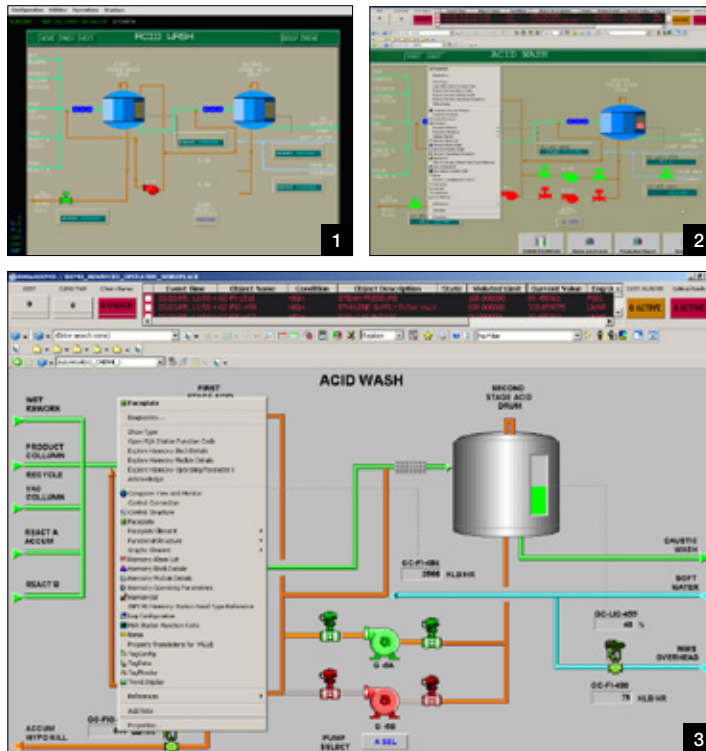


Graphic Conversion and Enhancement Services

Refresh current visuals with the latest graphic technology

ABB Graphic Conversion and Enhancement Services provide translation of graphic displays for existing Harmony operator stations for use with System 800xA Process Portal Stations. This service is available for all existing Harmony operator stations including OIU, MCS, OIS 20 Series, OIS 40 Series, Conductor NT, Conductor VMS, OIS 10 / PC View, and Process Portal B.



1. Standard, 2. Existing, 3. Enhanced

Benefits

- Minimal impact to operations
- Protection of existing graphics investment
- Improved plant operations
- Low risk OEM conversion expertise

Features

- Flexible conversion options
- Fixed price for all conversion options
- Reduced number of graphics possible
- Standard Harmony faceplates and symbols
- Factory acceptance test available
- Custom elements available
- Modernization and Enhancement of existing displays
- Soft Annunciator Display Panel available to replicate existing hard panels

ABB Graphic Conversion and Enhancement Services provide plant operations personnel with a seamless transition to 800xA Process Portal. Conversion of displays by experienced ABB technicians, ensures complete functionally equivalent operation in 800xA Process Portal.

Alternatively, displays can be enhanced to take full advantage of the additional capabilities of 800xA Process Portal software.

Two options are available to meet individual user requirements: standard and enhanced.

An assessment service is available to provide assistance with determining the best approach.

Standard conversion

The Standard service provides a conversion of existing graphic displays and includes recommendations for improvement as well as correction of existing errors in the displays that may have occurred since initial commissioning. The resulting output generally resembles the existing display, with some new 800xA features utilized.

Graphic Conversion and Enhancement Services

Standard conversion process:

- Verify data
- Check for missing symbols
- Check symbols for errors
- Check for tags in displays that are not in the taglist
- Compare tag and trend databases
- Correct duplication of alarm comments
- Modify tagnames for non supported characters
- Convert displays and taglist database
- Import into 800xA Process Portal
- Check alignment of display elements
- Configure trend display collection time
- Review status displays
- Ensure all alarm groups converted to correct alarm areas
- Configure alarm event bar
- Configure alarm tones
- Configure standard security groups in MS Windows and Process Portal
- Configure custom alarm management and security settings per scope
- Perform customer acceptance test
- Ship and field installation

Enhanced conversion

The Enhanced service provides graphic displays that utilize newer features of the System 800xA software environment. Resulting displays resemble existing displays with new feature enhancements. Enhancements include three dimensional symbols, active X symbols, configured “right-click” functionality, and grey-scale displays.

Enhanced conversion process

Includes Standard Conversion or display re-design plus the following:

- Additional logs/reports
- Additional context menus
- Custom elements
- 2D to 3D piping and display elements
- Background colors
- Additional animation
- Additional event bars
- Validation services
- Grey scale displays
- Additional navigation
- Soft annunciator displays

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