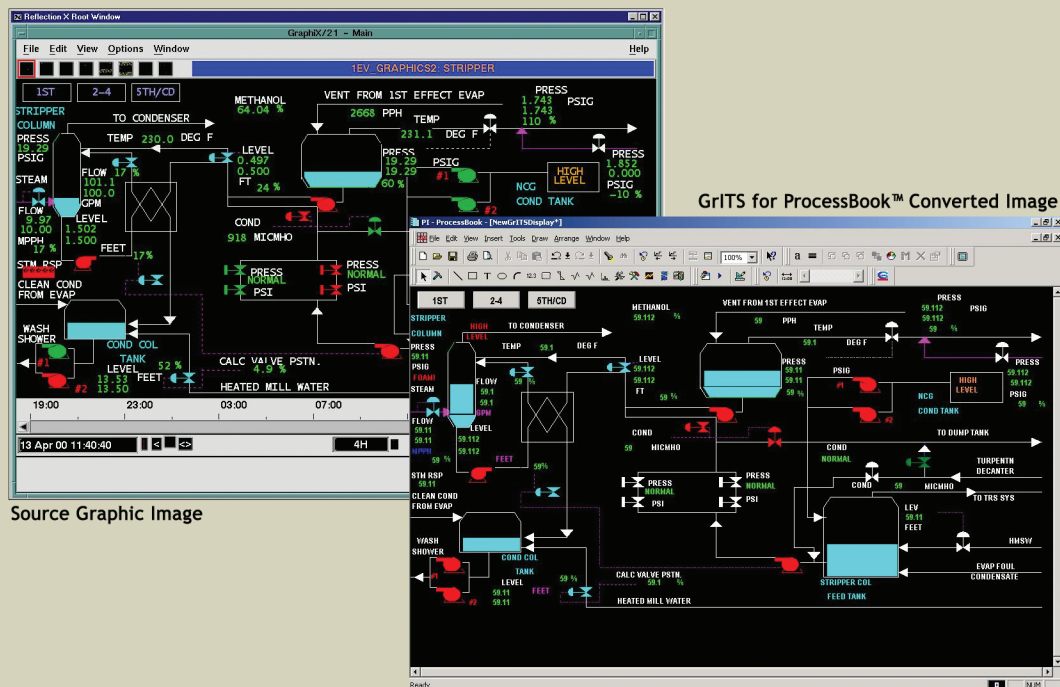# GrITS™

Presenting GrITS for ProcessBook.

GrITS for ProcessBook is a Graphic Import Tool Set for PI ProcessBook® designed to convert DCS, SCADA and other Graphic images into PI ProcessBook displays. These converted displays are created with native PI ProcessBook elements (not an imported bitmap) consisting of Lines, Rectangles, Text, Ellipses, Arcs, Polygons, Polylines, Bars, Multistates, Links, Values and Trends. These elements are precision drawn representations of the original source graphic, complete with PI Tags mapped to DCS loops.

GrITS for ProcessBook takes the CONTROL out of Control Room Graphics and allows for these graphics to be deployed throughout the Plant or Enterprise. Now, Plant Managers can have the same graphics that the operators use to see current operating conditions. By utilizing the Power of PI, these same displays can be used to view historical plant data, allowing engineers to see what the operator saw at a specific point in time.

GrITS for ProcessBook™ Converted Image

Source Graphic Image

PI ProcessBook displays created with GrITS for ProcessBook can be saved as Displays in a PI ProcessBook, Independent Display Files (PDI files), Bitmaps, JPEG files, and SVG (Scalable Vector Graphics) files for use with RtWebParts.

Web-Based Graphic deployment using RtWebParts and/or PI-ActiveView. GrITS for ProcessBook can automatically create graphic images ready for import into RtWebParts and/or PI-ActiveView. Using these tools plant personnel can view operator graphics via a standard Web browser.

For post-incident analysis using PI data, operator console graphics that are converted to PI ProcessBook displays can be extremely useful in analyzing historical operational data before, during and after a crisis.

GrITS for ProcessBook runs as a PI ProcessBook addin or it can function as a standalone application. The standalone option can accept command line parameters to direct the application and it can perform conversions on multiple files (*.*) in one run, simplifying the conversion process.