

Welcome!

Data South Systems, Inc.

Who We Are and What We Do



Data South Systems...Developers of Superior Software.

DSS as Systems Integrator

- PI Certified Installation Engineer
- OSIsoft Approved vendor for:
 - PI Installations and Interface Configurations
 - PI 2->3 Migrations (Upgrades from older PI version on DEC VAX platform)
 - PI System Admin and Client Training



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DSS as a Product Developer

- **GrITS for ProcessBook**
 - Graphics Import Tool Set
 - DCS and SCADA Graphics conversion into PI ProcessBook and RTPortal Displays
 - “More Eyes on the Data”
- **BaCon** – Bailey Configuration and Synchronization Utility for PI Tags



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GrITS is Good!

Current Graphic Conversion PlugIns

- Bailey OIS SODG Graphics
- ABB Conductor NT/Operate IT/Process Portal B Graphics
- Honeywell TDC 3000 Universal Station Graphics
- Honeywell PHD ProcessTrends
- AspenTech CIM/21 Displays
- PI2 Terminal Handler Graphics



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Coming Soon!

- Foxboro I/A Graphics
- Biles & Associates AIMDraw Graphics
- Honeywell Experion Graphics
- Emerson DeltaV Graphics
- ABB Ranger
- SNC-Lavalin
- Others based on customer demand



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Glenn Research Center
Lewis Field



GLENN RESEARCH CENTER

RESEARCH & TECHNOLOGY



Central Process Distributed Control System (CP-DCS)



ED



CAD



CAEB



ERB

NASA - Uses of PI System

- All 12,000 Pts archived (console database)
- 3 Yr. of Data Available on Line
- Diagnostics, Operator Process Screen Playback
- Analysis
- Defense of Control System
- Machine Run Time/Start Log
- Predictive Maintenance



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NASA - PI For Diagnostics

- PI Archive Playback of Process Graphic used for Diagnostic/troubleshooting of problems/operator errors
- Process graphic uses a bit map image of the operator console graphic
- Dynamic points (Analog & Digital) populate the graphic from the PI history file.
- Future enhancement includes a method where two graphics will not have to be maintained (the operator console graphic & the archive bit map image)



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GrITS Demo



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Who else wants GrITS?

What SCADA systems would you like to see done?

What other applications or ideas do you have that GrITS for ProcessBook can address?

Let us help you get more eyes on the data!!



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That's It!

Questions?



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