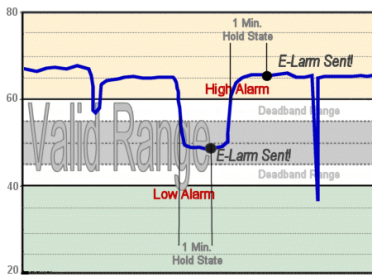


e notification

Enterprise Alert System and
Automated Reporting for OSI PI

Is your PI data with you every step of the way?

Are you faced with not knowing what is happening in your process business? Many process industries have invested millions into technologies into control systems and historians for their process data, but have no ability to learn of the process problems that exist. The E-Notification System can help. E-Notification provides an enterprise-based alerting and automated reporting platform for the OSI PI Historian. By providing a flexible web-based interface that is user-customizable, E-Notification makes it easy to provide the tools to ensure you and your users know what is happening in your process.



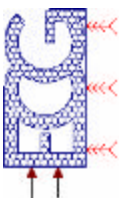
Example alerting chart.

The E-Notification System is a server-based software package that fits seamlessly with your existing IT infrastructure. The software consists of multiple Windows application services that can be distributed throughout your network, a Web Site for the user interface, and a high-performance database. E-Notification is easily scalable to monitor thousands of alerts and reports communicating with multiple PI servers.

E-Notification provides an automated reporting infrastructure for the two most popular PI display mechanisms — PI-ProcessBook and Microsoft Excel with PI-DataLink. Users only need to copy their ProcessBook or Excel files into E-Notification, and the System does the rest. Reports can be “triggered” by event or can be scheduled for any time. A current PI snapshot report is also available.

The E-Notification Web Site provides the user all the tools necessary to setup, share and configure necessary alerts and reports. Trends and current values are provided to assist the user in alert configuration, along with a wide variety of options to “fine-tune” alerts. Detailed administrative information is also available on the Web Site, including: locations, user accounts, logs, history, tag updates, and other administrative tools.

Configuring a user alert.



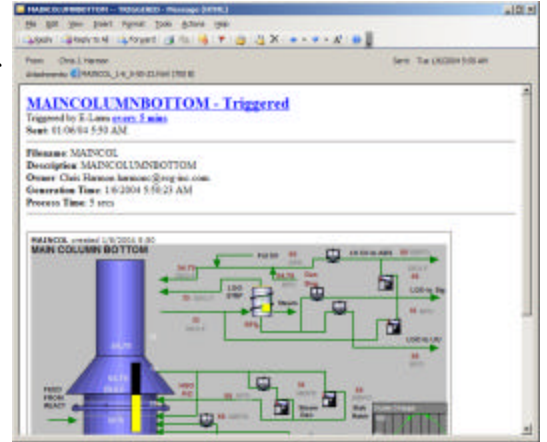


Why E-Notification?

Most PI users have an overflow of data and no easy way to efficiently monitor the data other than watching PI screens and/or running reports over periods of time to identify critical events.

Automating alerts and reports provide two essential tools to assist this problem. Many companies have realized the need for PI alerting and have chosen to develop their own custom solutions or purchase other alerting solutions. Many of these same companies have later chosen E-Notification —the most advanced off-the-shelf PI alerting product. E-Notification alerts provide the easiest way to give you and your users the ability to quickly monitor relevant PI data (tags or direct PE Equations!) and notify via email/pager/cell phone.

Nearly every PI user has used ProcessBook or Excel with DataLink to view PI data, but the problem is just that—the user must be watching the application to view what is happening. By providing automated PI reporting, users no longer need to open ProcessBook or Excel to view that data! A snapshot is taken of the current ProcessBook or Excel “view” - and sent to the user. Options to configure the reports to be sent on a scheduled basis make it very easy for managers to get Excel Periodic Status Reports, engineers to receive ProcessBook Equipment Overview screenshots, and any floor user to receive hourly status values on their pagers.



E-PB event-based Report message.

What can E-Notification do for me?

- *Awareness of critical production information is vital.* Product value can be one thousand to many thousands of dollars per hour and the need for effective, prompt response to upsets in output or efficiency has tremendous impact to the corporate bottom line.
- *Selective alarms and reporting* to those with a need-to-know assures the proper persons are informed for the appropriate corrective action. Nuisance alarms to others are avoided.
- *With an alarm, the “big picture” is available* through preconfigured supporting reports showing trends and process / equipment status. Root causes can be identified and remedial action taken accordingly.
- *Functional grouping* of alarms / reports can provide efficient use of the **E-Notification** configuration with changes in staffing, personnel and responsibility assignments.
- *PI-system status* can be monitored to assure quality of data and functionality of PI is known to all users.
- *Availability of alarms* and process information to production and planning personnel assures prompt, coordinated response based on a common source of PI-system information. The enhanced utilization of your PI-system provides cost savings and greater production capability.
- *E-Notification can be easily modified* based on experience, process or equipment changes and other evolving requirements.

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