



Correlate SCADA/DCS alarms & events with PI

Alarm Sentinel pulls together SCADA/DCS alarms and traditional PI data in a fully interactive, browser based environment. Obtain valuable insights for post event analysis. Trend alarms, identify past occurrences, and receive notifications.

FEATURES

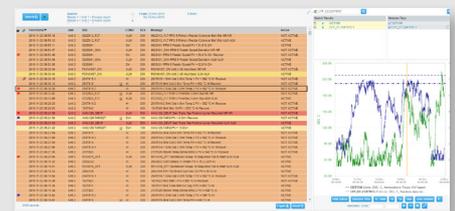
- Uses existing PI infrastructure.
- One tag per datasource.
- Alarm grouping.
- Live updates.
- Full search features.
- Trending with zoom and trend cursors.
- Scalable to multiple sites and plants.
- Easily save to Excel for further analysis.
- Configure email notifications & reports.
- Supports column sorting and selection, filtering, PI time formats.
- Save search favorites, add comments and links.
- User defined conditional formatting.
- Associate documents and links to alarm source.
- Alarm Management KPI's and reports aligning to the ISA TR 18.2 alarm management standard.
- Integrates into our web portal.
- View alarms in context of AF structure.

BENEFITS

- Correlate operator logs, notifications, analytic results and DCS alarms into one searchable log.
- Post event and ad-hoc analysis.
- Correlations with PI data.
- Data reporting to determine top alarms, priority distribution, alarm rates, etc.
- Scales to multiple sites and plants.
- Configurable data processing from different control system sources.
- Chronological log of plant events.
- Manage operator situational awareness by analysing alarm rates, nuisance alarms, safety critical alarms, etc.
- Fast and easy rollout with zero client side deployment.
- Fully configurable.

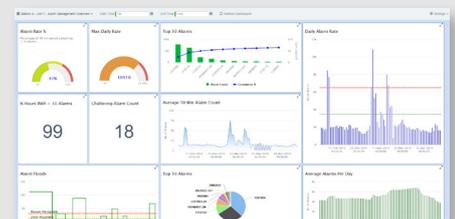
ALARM CONTEXT

Display alarms in context of your PI data



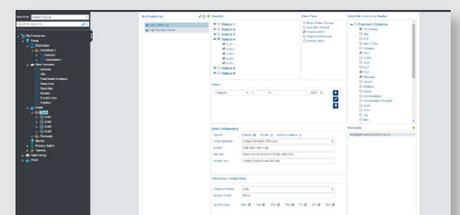
ALARMS AND EVENTS KPI'S

Configurable alarm management KPI dashboards using our extendable TR 18.2 metrics



SELF SERVICE NOTIFICATIONS

Configure email and other workflow based on any alarm field or keyword





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ALARM KPI'S

Alarm KPI's are available through the browser portal. User comments can be associated with each KPI.

- Annunciated alarm rate
- Chattering and fleeting alarms
- Flood conditions
- Standing alarms
- Top 10 most frequent alarms
- Priority distribution



MINIMUM REQUIREMENTS

- PI WebAPI 2016 license
- Application server with IIS
- Modern browse
- MS SQL Server



ALL OF YOUR ALARMS IN ONE PLACE

View, filter, correlate, trend and analyze all of your SCADA, HMI and DCS alarms via the PI system using our HTML5 solution.



DEEP ALARM ANALYSIS TOOLS

Summarized data reporting, post event and ad-hoc analysis, trending features to assist with alarm analysis.



ALARM MANAGEMENT KPI'S

Gain insights into your problematic alarms. Associate user comments and actions with each alarm Key Performance Indicator.



SITUATIONAL AWARENESS

Attach documents and links, categorize your alarms, or drill into your data to gain valuable insights.



AUTOMATIC ALARM NOTIFICATIONS

Get alarm notifications when certain alarms are received.



PI NOTIFICATION AND EVENT FRAMES

Now includes the ability to view your PI Notification and Event Frames.