



Use Case

Identification, Categorization, & Reporting of Performance Losses

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Challenge:

- Manufacturing companies need to track and categorize performance losses to identify bad actors and justify improvement projects
- Process Engineers can spend up to 1-week/month aggregating this loss data for a single unit

Dataset:

Honeywell PHD, OSIsoft PI, or other Process Data Historian
Connection to operator shift logs or shutdown tracking database

Approach:

- Use Conditions to logically identify and quantify performance loss events
- Use Scorecard Metrics and Histograms to aggregate losses based on time and loss categorization

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Output:

- Periodic Performance Loss Summary Reports that with dynamic date ranges in Seeq Organizer Topic
- Color-coded scorecards and charts draw attention to bad actors and deviations from planning basis
- Being able to automatically generate these reports as needed (as opposed to compiling them manually each reporting period) can return savings of one to five days of the engineers' time per unit per month—time they get back to work on improvement projects and other value-added activities.
- The easily-exportable historical loss data enables engineers to spend more time engineering production optimization projects and less time developing the cost justifications

