

ProcessApex

Unit Operations Performance Monitor



- Increases Yield
- Reduces Energy Costs
- Improves Process Understanding

Unit Operation Evaluation System

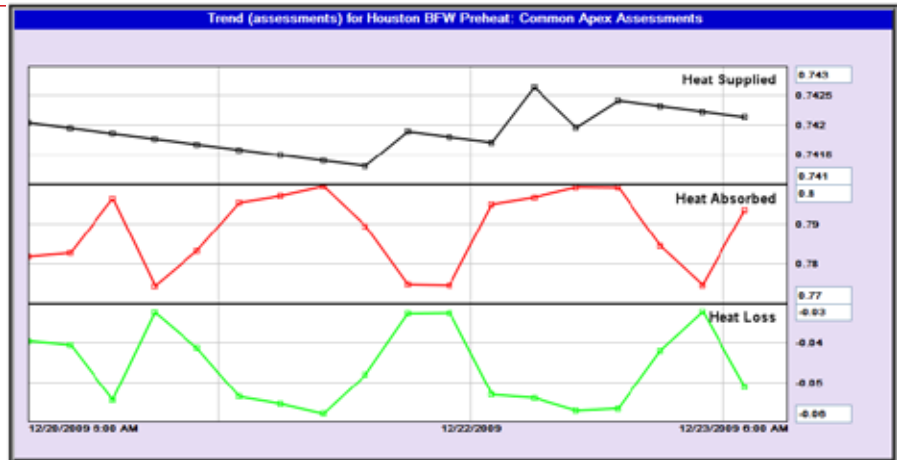
Reduce Heat Losses – ProcessApex tells you where energy is being wasted

Efficiently Increase Capacity – ProcessApex shows you where to find excess capacity in existing operations

Operate Efficiently – ProcessApex determines optimal target setpoints for key process variables.

Increase Availability and Reliability – Understand the sources of upsets and production loss.

Get Real-Time Advice for engineers and operators, based on the ProcessApex expert system of engineering knowledge.



Real-Time Performance Trend

Unit Operations Level Tracking

ProcessApex tracks the information that is important to the specific unit operations in your plant. ProcessApex determines dozens of performance metrics, including:

Improved Efficiency

Evaluates Energy Costs

Finds Ideal Target Setpoints

Increases Yield

Increases Capacity

Eliminates Heat Losses

Increases Availability & Reliability

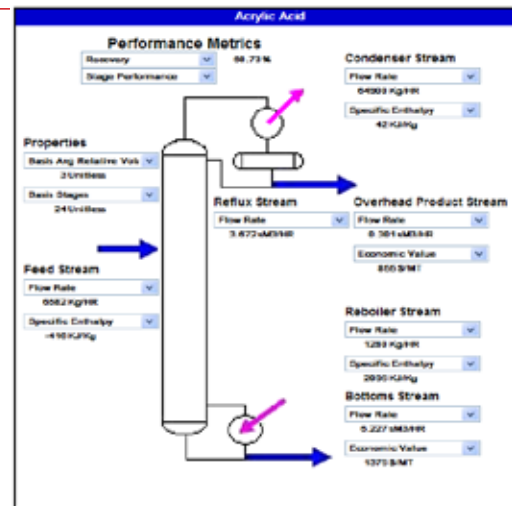


The Process Knowledge is Built-In

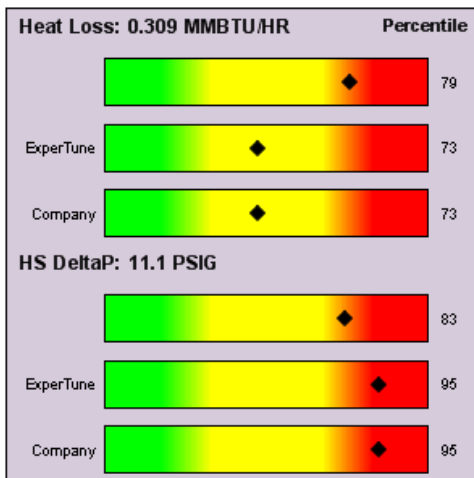
You don't need to drag out your text books and create equations with ProcessApex. The process knowledge is built in to the ProcessApex expert system.

ProcessApex understands your process equipment.

It knows what to measure, how to measure it, and how to identify opportunities to improve. Installing ProcessApex is like adding Process Engineers on your staff.



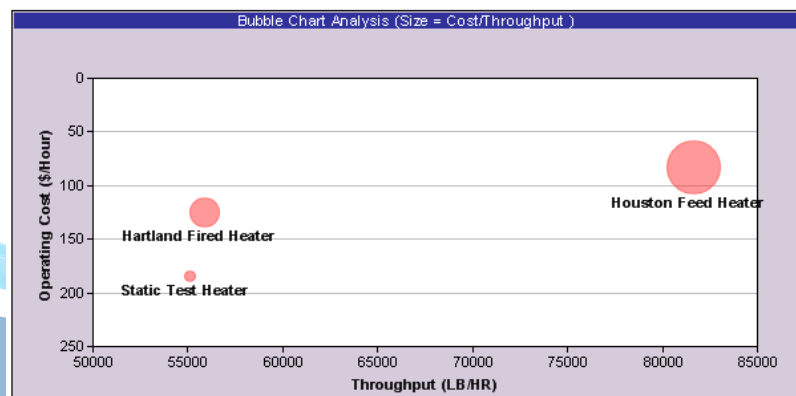
Benchmarking Across the Company



Benchmarking is a proven practice that shows you how each unit can improve. With ProcessApex Benchmarking, you can compare similar units against each other. Compare similar units against other, using statistical and graphical tools.

You can immediately answer questions such as:

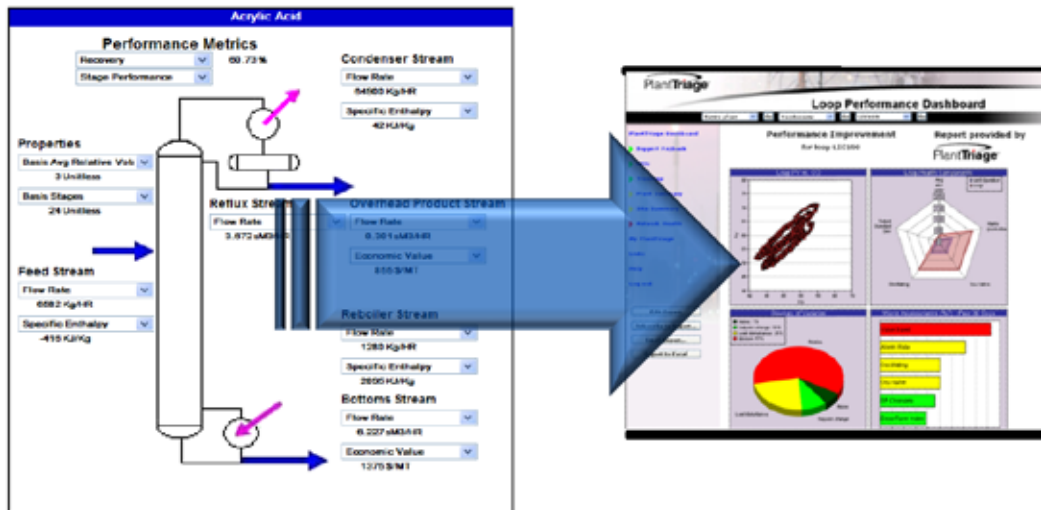
- Which distillation column has the greatest yield?
- Which unit has the most excess capacity at the lowest cost?
- What is the lowest energy cost on this unit within the past 6 months?



Drill-Down to Instruments, Valves, and Controllers

ProcessApex is fully integrated with ExperTune's PlantTriage software. This allows you to drill-down from the highest level of plant performance, down to the performance of individual controls, instruments, and valves.

Drill-Down is graphical, and intuitive. Now you can analyze and solve in real-time.



Ask for a [Personal Demonstration Today...](#) and see how ProcessApex can improve unit performance at your plant, contact us for a web-based demonstration. Send email request to: ProcessApex@expertune.com

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